



API Reference

AWS Partner Central



AWS Partner Central: API Reference

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Welcome to the AWS Partner Central API Reference

This API reference describes how AWS Partners can use service APIs to integrate and manage build, market, sell, and grow activities with AWS.

Topics

- [Using AWS Partner Central API with an AWS SDK](#)
- [Setup and authentication](#)

Using AWS Partner Central API with an AWS SDK

AWS software development kits (SDKs) are available for many popular programming languages. Each SDK provides an API, code examples, and documentation that make it easier for developers to build applications in their preferred language.

SDK documentation	Code examples
AWS SDK for C++	AWS SDK for C++ code examples
AWS CLI	AWS CLI code examples
AWS SDK for Go	AWS SDK for Go code examples
AWS SDK for Java	AWS SDK for Java code examples
AWS SDK for JavaScript	AWS SDK for JavaScript code examples
AWS SDK for Kotlin	AWS SDK for Kotlin code examples
AWS SDK for .NET	AWS SDK for .NET code examples
AWS SDK for PHP	AWS SDK for PHP code examples
AWS Tools for PowerShell	AWS Tools for PowerShell code examples
AWS SDK for Python (Boto3)	AWS SDK for Python (Boto3) code examples
AWS SDK for Ruby	AWS SDK for Ruby code examples

SDK documentation	Code examples
AWS SDK for Rust	AWS SDK for Rust code examples
AWS SDK for SAP ABAP	AWS SDK for SAP ABAP code examples
AWS SDK for Swift	AWS SDK for Swift code examples

Example availability

Can't find what you need? Request a code example by using the **Provide feedback** link at the bottom of this page.

Setup and authentication

Setting up and authenticating with the AWS Partner Central API involves three steps. Here's an overview of the process:

1. Link your AWS Marketplace Seller account to Partner Central.
2. Set up permissions using IAM.
3. Authenticate your API calls using Signature Version 4 (SigV4).

Linking your AWS account to Partner Central

Linking your AWS account to Partner Central is a prerequisite for using the API. For more information, see [Linking AWS Partner Central accounts with AWS Marketplace seller accounts](#). You must sign in to Partner Central with an account that has alliance-lead or cloud-administrator permissions, navigate to the **Account Linking** section, and follow the prompts.

Setting up IAM

To use the AWS Partner Central API, you will need an AWS Identity and Access Management (IAM) role or an IAM user to start making calls. For more information, see [When do I use IAM?](#) Follow the steps for [Creating IAM roles](#) and [Creating an IAM user](#) in your AWS account guides for this. You must create this IAM Role/User in your Partner Central-linked AWS Marketplace Seller account. IAM role/user creation does not incur any costs.

1. Create an IAM Role/User

Sign in to the AWS Management Console, navigate to the IAM service, and follow the steps to create an IAM role or an IAM user.

2. Assign Policies:

Attach managed policies or create custom policies as needed. To modify or expand permissions, apply additional policies to the IAM Role instead of copying and combining the content from `AWSPartnerCentralOpportunityManagement` with other permissions. Avoid duplicating managed policies, as doing so will prevent you from automatically gaining access to new features as they're released, and you'll have to manually update your policies in the future. For more details about access policies, see the [Access Control documentation](#).

Managing AWS Marketplace offers

For managing AWS Marketplace offers and linking them to opportunities, partners must give the IAM role permission to access Catalog APIs. Ensure the role/user has permissions, such as `aws-marketplace:ListEntities` and `aws-marketplace:SearchAgreements`.

Authenticating API calls

AWS Partner Central API uses Signature Version 4 (SigV4) for authentication. Here's how to implement it:

Using the AWS SDK

AWS SDKs automatically handle request signing. Provide your AWS credentials, and the SDK does the rest.

1. For Java, see [Provide temporary credentials to the AWS SDK for Java](#).
2. For Python (Boto3), see [Credentials](#).
3. For JavaScript (Node.js), see [Setting credentials in Node.js](#).
4. For .NET, see [Credential and profile resolution](#).
5. For other programming languages and more examples, see the [Tools to Build on AWS](#).

Authentication without using the AWS SDK

If an AWS SDK is not available for your chosen programming language, authentication involves manually creating a canonical request, signing the request, and handling the session tokens. AWS offers comprehensive guidance for [using SigV4 signing](#). However, please note that using the AWS SDK is recommended as manual request signing increases the complexity and requires careful management of security tokens.

Every request for the awsJson1_0 protocol MUST be sent to the root URL (/) using the HTTP "POST" method using following headers.

Required Headers

Every API request for the awsJson1_0 protocol MUST be sent to the root URL (/) using the HTTP "POST" method using following headers.

Header	Required	Description
Content-Type	true	This header has a static value of <code>application/x-amz-json-1.0</code> .
Content-Length	true	The standard Content-Length header defined by RFC 9110#section-8.6 .
X-Amz-Target	true for requests	For example, the value for the operation <code>CreatePartner</code> of the service <code>PartnerCentralAccount</code> is <code>PartnerCentralAccount.CreatePartner</code> .

Signing your calls with custom user-agent

When making API requests to AWS Partner Central, we recommends including the `X-Amzn-User-Agent` header to help AWS identify the source of the client application, monitor usage, and audit performance. AWS uses this header to distinguish the type of client application making the call and to gather insights about the success rate of different client implementations.

Custom user-agent header

Header Name: `X-Amzn-User-Agent`

Purpose: Distinguishes the type of client making the API request, categorizing the source of the interaction.

Format: {Integrator}|{Product}

Example Value: AWS|AWS Partner CRM Connector

Including this header in every request enables AWS to analyze request patterns, track integrations, and improve the API experience for different client systems.

Using custom headers in SDKs

To include the X-Amzn-User-Agent header in SDK calls, you can modify the client request behavior before making the API call. Below is a selling API example using the AWS SDK for Python (Boto3):

```
import boto3

# Define service and endpoint details
service_name = "partnercentral-selling"
endpoint_url = "https://partnercentral-selling.us-east-1.api.aws"

# Create a boto3 client for Partner Central
partner_central_client = boto3.client(
    service_name=service_name,
    region='us-east-1',
    endpoint_url=endpoint_url
)

# Function to add the custom User-Agent header

def add_version_header(params, **kwargs):
    params["headers"]['X-Amzn-User-Agent'] = 'AWS|AWS Partner CRM Connector'

# Register the event to modify the request before the call is made
partner_central_client.meta.events.register(
    f'before-call.{service_name}.*', add_version_header
)

# Now, whenever an API call is made using this client, the custom User-Agent header
# will be included
```

This example demonstrates how to register an event in the Boto3 SDK to automatically append the `X-Amzn-User-Agent` header to every API request. The same approach can be applied to other AWS SDKs by modifying their respective request-interception mechanisms.

 Note

The `X-Amzn-User-Agent` header format has been simplified. We recommend to use the new format. The previous format (`CompanyName | ProductName | CRMName | ProductVersion`) remains supported for backward compatibility. Existing integrations will continue to work without modification.

Partner Central agents MCP Server

The Partner Central agents MCP Server provides Partner Central tools through the Model Context Protocol (MCP), enabling your AI agents and tools to discover and interact with opportunity management, customer insights, and funding programs through natural language.

The server handles authentication, session management, and human-in-the-loop approval for write operations maintaining control while streamlining workflows.

Overview

The Partner Central agents MCP Server is a fully managed, AWS-hosted service that connects MCP-compatible AI clients to the Partner Central agents. It uses JSON-RPC 2.0 over HTTPS with SigV4 authentication and supports Server-Sent Events (SSE) for real-time streaming responses.

The server supports multi-turn conversations, file attachments for document analysis, and a built-in approval workflow that requires your explicit consent before any write operation executes.

Agent capabilities

- **Pipeline insights** — Get conversational intelligence about your sales pipeline, including at-risk opportunities, stage progression, and closed-lost analysis
- **Opportunity creation** — Create new opportunities through natural language conversation, by uploading meeting notes, proposals, or call transcripts, or by cloning an existing opportunity
- **Opportunity summary** — Generate concise, at-a-glance summaries of any deal covering stage, spend, close date, and more
- **Sales play generation** — Build customized sales strategies combining opportunity details, industry context, and AWS solution recommendations
- **Customer profile creation** — Generate company profiles using publicly available information covering industry, business model, geography, and recent developments
- **Solution recommendation** — Cross-reference your registered solutions against opportunity requirements to find the best match
- **Funding recommendation** — Evaluate opportunities against available AWS funding programs, estimate amounts, and create fund requests

- **Next step recommendations** — Get prioritized action plans grounded in AWS co-sell standards and stage progression guidance
- **Opportunity progression** — Upload supporting documents, extract relevant data, and progress opportunities through pipeline stages

Key benefits

- **Conversational access to Partner Central** — Ask questions in natural language instead of navigating complex console workflows
- **More time selling** — Create opportunities through a short conversation instead of completing a multi-step form, which reduces data entry and lets partner sales teams spend more time selling, with the agent recommending improvements so partners submit higher-quality opportunities and improve pipeline hygiene
- **Human-in-the-loop safety** — All write operations require your explicit approval before execution
- **Multi-turn conversations** — Refine your queries within a session without repeating context
- **File analysis** — Attach documents (PDF, DOCX, XLSX, CSV, images) for the agent to analyze alongside your questions
- **Centralized access management** — Control access through IAM policies with fine-grained permissions
- **Sandbox testing** — Test workflows in an isolated sandbox environment before touching production data
- **Streaming responses** — Get feedback via SSE as the agent processes your request

Usage examples

All AI-generated insights include a Session ID for traceability. Data is isolated to the logged-in partner's own opportunities. All content carries clear disclosure labels and is governed by the [AWS Responsible AI Policy](#).

Opportunity creation

The agent creates a new opportunity from a natural language description or an uploaded document (PDF, DOCX, XLSX, TXT). It extracts customer name, project scope, expected close date, and other required fields, enriches customer details from publicly available web data, validates

the draft against AWS readiness requirements, and creates the opportunity through the Partner Central Selling API after you approve.

- "Create an opportunity for Acme Corp — they want to migrate their data warehouse to Redshift, target close date end of Q3, expected \$40K monthly AWS spend"
- "Here are my call notes from yesterday's meeting with GlobalTech — create an opportunity from this transcript"
- "Use this proposal PDF to create an opportunity for the customer's SAP migration"

Opportunity cloning

The agent creates a new opportunity from an existing one, merges in the new customer or project details you provide, and validates that at least one differentiating field has changed before submission so duplicates are not rejected by AWS review.

- "Clone opportunity O1234567890 for a new customer — Globex, same workload, target close date end of Q4"
- "Create an opportunity like O9876543210 but for the customer's production environment instead of the sandbox"

Pipeline insights

Get conversational intelligence about your sales pipeline. The agent analyzes stage progression, deadlines, stalled deals, and closed-lost patterns to surface what matters most.

- "Which opportunities need my attention this week?"
- "How many opportunities are closing next month?"
- "What are the top reasons we've lost opportunities in the last 6 months?"

Opportunity summary

The agent synthesizes company name, industry, stage, expected monthly AWS spend, target close date, and other key details into a concise summary — no need to scan individual form fields.

- "Give me a summary of opportunity O1234567890"
- "What's the current status and key details for the Acme Corp deal?"

Sales play generation

The agent builds a customized sales strategy by combining the opportunity's details, the customer's industry context, and relevant AWS solution recommendations into a ready-to-use sales play.

- "Generate a sales play for opportunity O1234567890"
- "What's the best approach to sell cloud migration to this financial services customer?"
- "Build me a sales strategy for the GlobalTech data analytics deal"

Customer profile creation

The agent generates a company profile using publicly available information — covering industry classification, business model (B2B/B2C/hybrid), geographic presence, company size, market focus, and recent business developments. Profiles are labeled "Generated with publicly available data and AWS AI insights."

- "Create a customer profile for Acme Corp"
- "What do we know about this customer's industry and business model?"
- "Pull together a company overview for my upcoming meeting with GlobalTech"

Solution recommendation

The agent cross-references your registered solutions against opportunity requirements, showing solution name, description, and whether it's already attached to the opportunity.

- "Which of our solutions best match opportunity O1234567890?"
- "Is our data analytics solution already attached to this deal?"
- "Recommend solutions for a customer looking to migrate their SAP workloads"

Funding recommendation

The agent evaluates each opportunity against available AWS funding programs based on opportunity details and program eligibility criteria. When a match is found, it displays program name, description, and detailed reasoning. You can then estimate funding amounts, create auto-

populated fund request drafts, or learn more about programs conversationally. SCA (Strategic Collaboration Agreement) budget availability is surfaced when relevant, and all actions respect IAM permissions.

- "Am I eligible for any funding programs on opportunity O6789012345?"
- "Estimate the funding amount for a POC with this customer"
- "Create a MAP benefit application for this opportunity"

Next step recommendations

The agent evaluates the opportunity against AWS's stage progression guidance, compares current data against criteria for well-qualified opportunities, and identifies exactly what information you still need to collect. The result is a prioritized action plan grounded in AWS co-sell standards.

- "What do I need to do next to advance opportunity O1234567890?"
- "Is this opportunity ready for submission? What fields are missing?"
- "What are the requirements to move this deal from Prospect to Qualified?"

Opportunity progression

The agent accepts supporting documents (meeting transcripts, call notes, email summaries), extracts relevant information, maps it to opportunity fields, evaluates stage requirements, and updates the opportunity. If gaps remain, it returns a breakdown of satisfied vs. unsatisfied requirements.

- "Here are my call notes — update opportunity O1234567890 with the relevant details"
- "I'm attaching the meeting transcript. Progress this opportunity based on what we discussed."
- "Review this email summary and tell me which opportunity fields it satisfies"

Get started

Ready to set up the Partner Central agents MCP Server? Head to the [Getting started](#) guide for step-by-step setup instructions.

Getting Started with the Partner Central Agent MCP Server

This guide walks you through setting up programmatic access to the Partner Central Agent MCP Server using a custom MCP client. The server uses direct HTTPS with SigV4 authentication — no proxy or IDE plugin required.

Prerequisites

Before you begin, make sure you have:

- An active Partner Central account (migrated to the AWS console)
- An AWS account with IAM permissions for Partner Central
- AWS CLI installed and configured with credentials
- Access to the us-east-1 (N. Virginia) region
- HTTPS connectivity to `partnercentral1-agents-mcp.us-east-1.api.aws`
- TLS 1.2+ support in your HTTP client
- An MCP-compatible client that supports JSON-RPC 2.0 and SigV4 request signing

Step 1: Set up IAM permissions

The Partner Central Agent MCP Server requires IAM permissions at two levels: protocol access (to communicate with the MCP endpoint) and data access (to perform Partner Central operations).

Attaching IAM policies

To attach a policy to your IAM identity using the AWS Management Console:

1. Open the [IAM console](#).
2. In the left navigation pane, choose **Users**, **User groups**, or **Roles** depending on the identity you want to attach the policy to, then choose the name of the specific user, group, or role.
3. Choose the **Permissions** tab.
4. Choose **Attach policies** (or **Add permissions** if it's the first time).
5. In the policy list, search for and select the managed policy you want to attach (for example, a custom policy you created from the JSON blocks below).

6. Choose **Attach policies** (or **Next** and then **Add permissions**) to confirm.

The permissions take effect immediately. You can attach multiple policies to the same identity.

Recommended: Use the managed policy

The simplest way to grant MCP protocol access is to attach the `AWSMcpServiceActionsFullAccess` managed policy to your IAM identity. This policy includes all permissions needed to interact with the MCP server.

For fine-grained control, you can use the `aws:IsMcpServiceAction` condition key in your IAM policies to scope permissions specifically to MCP service actions.

Minimum permissions for MCP protocol access

At minimum, your IAM identity needs this action to interact with the MCP server:

Action	Description
<code>partnercentral:UseSession</code>	Required to create, update, and retrieve conversation sessions

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "partnercentral:UseSession"
      ],
      "Resource": "*",
      "Condition": {
        "Bool": {
          "aws:IsMcpServiceAction": "true"
        }
      }
    }
  ]
}
```

```
}
```

Data access permissions

To actually perform Partner Central operations through the agent, you need additional permissions based on your use case.

Opportunity management:

```
{
  "Effect": "Allow",
  "Action": [
    "partnercentral:List*",
    "partnercentral:Get*",
    "partnercentral:CreateOpportunity",
    "partnercentral:UpdateOpportunity",
    "partnercentral:SubmitOpportunity",
    "partnercentral:AssignOpportunity",
    "partnercentral:AssociateOpportunity",
    "partnercentral:DisassociateOpportunity"
  ],
  "Resource": "*"
}
```

Funding programs:

```
{
  "Effect": "Allow",
  "Action": [
    "partnercentral:ListBenefitAllocations",
    "partnercentral:ListBenefitApplications",
    "partnercentral:CreateBenefitApplication",
    "partnercentral:GetBenefitApplication",
    "partnercentral:UpdateBenefitApplication",
    "partnercentral:SubmitBenefitApplication",
    "partnercentral:AmendBenefitApplication",
    "partnercentral:CancelBenefitApplication",
    "partnercentral:RecallBenefitApplication",
    "partnercentral:AssociateBenefitApplicationResource",
    "partnercentral:DisassociateBenefitApplicationResource"
  ],
  "Resource": "*"
}
```

```
}
```

Marketplace access:

```
{
  "Effect": "Allow",
  "Action": [
    "aws-marketplace:DescribeEntity",
    "aws-marketplace:DescribeAgreement",
    "aws-marketplace:SearchAgreements",
    "aws-marketplace:ListEntities"
  ],
  "Resource": "*"
}
```

Full access policy

For development and testing, you can combine all permissions into a single policy:

```
aws iam create-policy \
  --policy-name PartnerCentralAgentsFullAccess \
  --policy-document '{
    "Version": "2012-10-17",
    "Statement": [
      {
        "Effect": "Allow",
        "Action": [
          "partnercentral:UseSession",
          "partnercentral:List*",
          "partnercentral:Get*",
          "partnercentral:CreateOpportunity",
          "partnercentral:UpdateOpportunity",
          "partnercentral:SubmitOpportunity",
          "partnercentral:AssignOpportunity",
          "partnercentral:AssociateOpportunity",
          "partnercentral:DisassociateOpportunity",
          "partnercentral:CreateResourceSnapshot",
          "partnercentral:CreateResourceSnapshotJob",
          "partnercentral:StartResourceSnapshotJob",
          "partnercentral:CreateEngagement",
          "partnercentral:CreateEngagementInvitation",
          "partnercentral:RejectEngagementInvitation",
          "partnercentral:StartEngagementByAcceptingInvitationTask",
```



```

        "partnercentral:StartEngagementFromOpportunityTask",
        "partnercentral:CreateBenefitApplication",
        "partnercentral:UpdateBenefitApplication",
        "partnercentral:SubmitBenefitApplication",
        "partnercentral:AmendBenefitApplication",
        "partnercentral:CancelBenefitApplication",
        "partnercentral:RecallBenefitApplication",
        "partnercentral:AssociateBenefitApplicationResource",
        "partnercentral:DisassociateBenefitApplicationResource"
    ],
    "Resource": "*"
},
{
    "Effect": "Allow",
    "Action": [
        "aws-marketplace:DescribeEntity",
        "aws-marketplace:DescribeAgreement",
        "aws-marketplace:SearchAgreements",
        "aws-marketplace:ListEntities"
    ],
    "Resource": "*"
}
]
}'

```

Read-only policy

For production environments or read-only use cases, restrict permissions to read operations:

```

aws iam create-policy \
  --policy-name PartnerCentralAgentReadOnly \
  --policy-document '{
    "Version": "2012-10-17",
    "Statement": [
      {
        "Effect": "Allow",
        "Action": [
          "partnercentral:UseSession",
          "partnercentral:List*",
          "partnercentral:Get*"
        ],
        "Resource": "*"
      }
    ],
  },

```

```
{
  "Effect": "Allow",
  "Action": [
    "aws-marketplace:DescribeEntity",
    "aws-marketplace:DescribeAgreement",
    "aws-marketplace:SearchAgreements",
    "aws-marketplace:ListEntities"
  ],
  "Resource": "*"
}
```

Step 2: Connect your MCP client

The Partner Central Agent MCP Server uses direct HTTPS with SigV4 request signing. There is no proxy layer — your MCP client sends JSON-RPC 2.0 requests directly to the endpoint.

Endpoint

```
https://partnercentral-agents-mcp.us-east-1.api.aws/mcp
```

Authentication

All requests must be signed with [AWS Signature Version 4](#) using:

- Service name: partnercentral-agents-mcp
- Region: us-east-1

Initialize the MCP connection

Send an initialize request to establish the protocol:

```
{
  "jsonrpc": "2.0",
  "id": 1,
  "method": "initialize",
  "params": {
    "protocolVersion": "2025-03-26",
    "capabilities": {},
    "clientInfo": {
```

```
        "name": "my-partner-client",
        "version": "1.0.0"
    }
}
```

Expected response:

```
{
  "jsonrpc": "2.0",
  "id": 1,
  "result": {
    "protocolVersion": "2025-03-26",
    "capabilities": {
      "tools": {
        "listChanged": false
      }
    },
    "serverInfo": {
      "name": "PartnerCentralAgentMCPServer",
      "version": "1.0.0"
    }
  }
}
```

List available tools

```
{
  "jsonrpc": "2.0",
  "id": 2,
  "method": "tools/list",
  "params": {}
}
```

Signing your calls with MCP header

When making requests to Partner Central agents MCP, we recommend including the custom MCP header using the following methods to help AWS identify the source of the client application, monitor usage, and audit performance. AWS uses this header to distinguish the type of client application making the call and to gather insights about the success rate of different client implementations.

Method 1: `_meta` field (programmatic/stateless MCP)

For code that directly constructs MCP `tools/call` requests, provide the `_meta` field on requests.

```
{
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "content": [
        {
          "type": "text",
          "text": "List my open opportunities with expected close date in Q1
2026"
        }
      ],
      "catalog": "AWS"
    },
    "_meta": {
      "integrator": "<Integrator's Company Name / Direct>",
      "sourceProduct": "<Integrator's Application Name>"
    }
  }
}
```

Method 2: `clientInfo` (session-based custom agents)

For custom MCP clients establishing sessions, provide MCP header info inside the `clientInfo` field:

```
{
  "method": "initialize",
  "params": {
    "protocolVersion": "2024-11-05",
    "clientInfo": {
      "integrator": "<Integrator's Company Name / Direct>",
      "sourceProduct": "<Integrator's Application Name>"
    }
  }
}
```

Fields in `clientInfo`:

- `integrator` — Company name or "Direct" for partners

Example: AWS

- `sourceProduct` — Product/agent name

Example: AWS CRM Connector

Method 3: URL parameter (hosted MCP only)

Only for hosted MCP clients where the integrator cannot modify protocol fields. Use the URL parameter:

Server URL: `https://mcp.partnercentral.aws?appId=<Integrator's Company Name / Direct>`

Step 3: Verify your setup

Send a simple message to confirm everything is working. Use the Sandbox catalog for testing:

```
{
  "jsonrpc": "2.0",
  "id": 3,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "content": [
        {
          "type": "text",
          "text": "Hello, what can you help me with?"
        }
      ],
      "catalog": "Sandbox"
    }
  }
}
```

If you receive a response with `"status": "complete"` and a text reply from the agent, your setup is working correctly. The response will also include a `sessionId` that you can use for follow-up messages.

Step 4: Run your first tasks

Query your opportunities

```
{
  "jsonrpc": "2.0",
  "id": 4,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "sessionId": "session-xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "content": [
        {
          "type": "text",
          "text": "List my open opportunities with expected revenue over
$50K"
        }
      ],
      "catalog": "AWS"
    }
  }
}
```

Check funding eligibility

```
{
  "jsonrpc": "2.0",
  "id": 5,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "sessionId": "session-xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "content": [
        {
          "type": "text",
          "text": "Am I eligible for MAP funding for opportunity
01234567890?"
        }
      ],
      "catalog": "AWS"
    }
  }
}
```

```
    }  
  }  
}
```

Retrieve session history

```
{  
  "jsonrpc": "2.0",  
  "id": 6,  
  "method": "tools/call",  
  "params": {  
    "name": "getSession",  
    "arguments": {  
      "sessionId": "session-xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",  
      "catalog": "AWS"  
    }  
  }  
}
```

Security considerations

- Do not pass AWS credentials through MCP tool parameters. Authentication is handled by SigV4 request signing at the transport layer.
- Use the Sandbox catalog for testing and development. The "Sandbox" catalog provides an isolated environment that does not affect production partner data.
- Apply least-privilege IAM policies in production. Use the read-only policy for monitoring and reporting use cases. Only grant write permissions when the user needs to update opportunities or submit funding applications.
- Review write operations carefully. The server uses human-in-the-loop approval for all write operations. When a write action is proposed, review the parameters before approving.
- Session data is transient. Sessions expire 48 hours after creation. Do not rely on sessions for long-term data storage.
- File uploads go to an ephemeral S3 bucket. Uploaded files are stored temporarily and are not retained permanently. Do not upload files containing credentials, secrets, or other sensitive information.

Next steps

- [Configuration Reference](#) — Full reference for endpoint, IAM actions, session management, and error codes
- [Tools Reference](#) — Detailed documentation for sendMessage and getSession tools

Configuration Reference

This page provides the complete reference for connecting to and configuring the Partner Central Agent MCP Server.

Endpoint

Property	Value
URL	https://partnercentral-agents-mcp.us-east-1.api.aws/mcp
Region	us-east-1 (N. Virginia) only
Protocol	JSON-RPC 2.0 over HTTPS
Streaming	Server-Sent Events (SSE)
Authentication	AWS Signature Version 4
SigV4 service name	partnercentral-agents-mcp
TLS requirement	TLS 1.2 or higher

IAM permissions

All IAM actions use the `partnercentral:` prefix unless otherwise noted.

MCP protocol access

The simplest way to grant MCP protocol access is to attach the `AWSMcpServiceActionsFullAccess` managed policy to your IAM identity. This policy includes

all permissions needed to interact with the MCP server. For fine-grained control, you can use the `aws:IsMcpServiceAction` condition key in your IAM policies to scope permissions specifically to MCP service actions.

Action	Description
<code>partnercentral:UseSession</code>	Create, update, and retrieve conversation sessions

Opportunity management

Action	Description
<code>partnercentral:List*</code>	List opportunities, solutions, and other Partner Central resources
<code>partnercentral:Get*</code>	Retrieve details for individual opportunities and other resources
<code>partnercentral:CreateOpportunity</code>	Create an opportunity
<code>partnercentral:UpdateOpportunity</code>	Modify opportunity fields (stage, close date, revenue, etc.)
<code>partnercentral:SubmitOpportunity</code>	Submit an opportunity for AWS review
<code>partnercentral:AssignOpportunity</code>	Assign an opportunity to a partner representative
<code>partnercentral:AssociateOpportunity</code>	Link an opportunity to another resource (solution, etc.)
<code>partnercentral:DisassociateOpportunity</code>	Remove a link between an opportunity and another resource
<code>partnercentral:StartEngagementFromOpportunityTask</code>	Submit opportunities to start an engagement from an opportunity

Funding programs

Action	Description
<code>partnercentral:ListBenefitAllocations</code>	List available benefit allocations for your account
<code>partnercentral:ListBenefitApplications</code>	List submitted benefit applications
<code>partnercentral:CreateBenefitApplication</code>	Create a new benefit application (MAP, POC, WMP)
<code>partnercentral:GetBenefitApplication</code>	Retrieve details of a specific benefit application
<code>partnercentral:UpdateBenefitApplication</code>	Update a pending benefit application
<code>partnercentral:AssociateBenefitApplicationResource</code>	Link a resource to a benefit application
<code>partnercentral:DisassociateBenefitApplicationResource</code>	Remove a resource link from a benefit application

Marketplace access

Action	Description
<code>aws-marketplace:DescribeEntity</code>	Retrieve details of a marketplace entity
<code>aws-marketplace:SearchAgreements</code>	Search marketplace agreements
<code>aws-marketplace:ListEntities</code>	List marketplace entities

Catalog environments

Catalog	Description
"AWS"	Production environment. All operations affect live partner data.
"Sandbox"	Isolated testing environment. No impact on production data. Use for development and validation.

Session management

Property	Value
Session ID format	UUID v4 with session- prefix (e.g., session-550e8400-e29b-41d4-a716-446655440000)
Session creation	Automatic on first sendMessage call without a sessionId
Session expiry	48 hours from session creation (absolute expiry, not inactivity-based)

File upload

Property	Value
Max files per message	3
Image size limit	3.75 MB
Document size limit	4.5 MB
Allowed extensions	doc, docx, pdf, png, jpeg, xlsx, csv, txt

Property	Value
S3 bucket (production)	aws-partner-central-marketplace-ephemeral-writeonly-files
Upload path	s3://{bucket}/{aws-account-id}/
S3 URI requirement	Must include <code>versionId</code> query parameter

Upload workflow

1. Upload your file to the appropriate S3 bucket under your AWS account ID prefix.
2. Note the S3 URI including the `versionId` returned by the upload.
3. Include the file as a document content block in your `sendMessage` call.

Example S3 URI format:

```
s3://aws-partner-central-marketplace-ephemeral-writeonly-files/123456789012/my-document.pdf?versionId=abc123
```

Error codes

Code	Name	Description
-32001	AUTHENTICATION_FAILURE	SigV4 signature is invalid or credentials have expired
-31004	TOOL_PERMISSION_DENIED	IAM identity lacks the required <code>partnercentral:</code> action for this operation
-32002	ACCESS_DENIED	General access denied (account not enrolled, region mismatch, etc.)

Code	Name	Description
-32004	LIMIT_EXCEEDED	Rate limit or quota exceeded. Retry with exponential backoff.
-30001	RESOURCE_NOT_FOUND	Requested resource (session, opportunity, etc.) does not exist
-32600	INVALID_REQUEST	Malformed JSON-RPC request or invalid parameters
-32603	INTERNAL_ERROR	Server-side error. Retry the request.

Rate limits

The server enforces per-account rate limits:

Operation	Sustained rate	Burst
sendMessage	2 requests per minute	10
All other operations	10 requests per minute	20

If you exceed these limits, the server returns error code -32004 (LIMIT_EXCEEDED). Implement exponential backoff with jitter in your client to handle rate limiting gracefully.

Streaming (SSE) event types

When `stream` is set to `true` in a `sendMessage` call, the server returns Server-Sent Events with these event types:

Event Type	Description
stream_start	Stream connection established

Event Type	Description
assistant-response.start	Agent has begun generating a response
assistant-response.delta	Incremental text chunk of the agent's response
assistant-response.completed	Agent has finished generating the response
server-tool-use	Agent is invoking an internal tool (read operation)
server-tool-response	Result of an internal tool invocation
tool_approval_request	Agent is requesting human approval for a write operation
stream_end	Stream connection closing
done	Final event indicating the SSE stream is complete

Next steps

- [Tools Reference](#) — Detailed documentation for sendMessage and getSession tools

Tools Reference

The Partner Central Agent MCP Server exposes two MCP tools: sendMessage for all agent interactions, and getSession for retrieving session state. All Partner Central operations — opportunity queries, funding applications, document analysis — are handled through natural language via sendMessage.

Tools overview

Tool	Description	Category
sendMessage	Send messages to the Partner Central AI agent. Supports text, file attachments, and human-in-the-loop approval responses.	Read / Write
getSession	Retrieve session state including conversation history, events, and metadata.	Read-only

sendMessage

Primary tool for all Partner Central AI agent interactions. Use this tool to ask questions, request actions, attach documents for analysis, and respond to approval requests for write operations.

The agent maintains conversation context within a session, so you can ask follow-up questions without repeating prior context.

Parameters

- content (required)** — Array of content blocks. Each block must include a **type** field that determines the block structure. You can include multiple blocks in a single message (e.g., text + document attachment).

Content block types:

Type	Fields	Description
text	type (required), text (required)	User message text sent to the agent
document	type (required), filename (required), s3Uri (required)	File attachment for the agent to analyze. The s3Uri

Type	Fields	Description
		must include a <code>versionId</code> parameter.
<code>tool_approval_response</code>	<code>type</code> (required), <code>toolUseId</code> (required), <code>decision</code> (required), <code>message</code> (optional)	Response to a human-in-the-loop approval request

- `catalog` (required) — Target environment for the operation.

Valid values: "AWS" (production), "Sandbox" (testing)

- `sessionId` (optional) — UUID v4 identifying an existing session to continue. Omit to create a new session. Format: `session-xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx`.

Default: A new session is created automatically.

- `stream` (optional) — Enable Server-Sent Events (SSE) streaming for real-time response delivery.

Valid values: `true`, `false`

Default: `false`

Response

The response includes:

Field	Description
<code>sessionId</code>	Session identifier for follow-up messages
<code>status</code>	Response status: "complete" , "requires_approval" , or "error"
<code>content</code>	Array of response content blocks from the agent

Examples

Basic text message (new session)

Request:

```
{
  "jsonrpc": "2.0",
  "id": 1,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "content": [
        {
          "type": "text",
          "text": "List my open opportunities with expected close date in Q1
2026"
        }
      ],
      "catalog": "AWS"
    }
  }
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "id": 1,
  "result": {
    "content": [
      {
        "type": "text",
        "text": "I found 12 open opportunities with expected close dates in Q1
2026. Here's a summary:\n\n1. **01234567890** - Acme Corp Cloud Migration - $250,000 -
Qualified stage\n2. **01234567891** - GlobalTech Data Analytics - $180,000 - Prospect
stage\n..."
      }
    ],
    "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
    "status": "complete"
  }
}
```

```
}
```

Follow-up message (existing session)

Request:

```
{
  "jsonrpc": "2.0",
  "id": 2,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
      "content": [
        {
          "type": "text",
          "text": "Tell me more about 01234567890. Is it ready for
submission?"
        }
      ],
      "catalog": "AWS"
    }
  }
}
```

File attachment

Upload a document to S3 first, then reference it in the message:

```
{
  "jsonrpc": "2.0",
  "id": 3,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
      "content": [
        {
          "type": "text",
          "text": "Review this customer proposal and suggest which
opportunity it aligns with"
        }
      ]
    }
  }
}
```

```
    },
    {
      "type": "document",
      "filename": "acme-proposal.pdf",
      "s3Uri": "s3://aws-partner-central-marketplace-ephemeral-writeonly-
files/123456789012/acme-proposal.pdf?versionId=abc123def456"
    }
  ],
  "catalog": "AWS"
}
}
```

File upload constraints:

- Maximum 3 files per message
- Image size limit: 3.75 MB
- Document size limit: 4.5 MB
- Allowed extensions: doc, docx, pdf, png, jpeg, xlsx, csv, txt
- Files must be uploaded to `s3://{bucket}/{your-aws-account-id}/`
- The S3 URI must include the `versionId` query parameter

Human-in-the-loop approval workflow

When the agent needs to perform a write operation (e.g., update an opportunity, submit a funding application), it returns a `"requires_approval"` status with the proposed action details. You must respond with a `tool_approval_response` content block.

Step 1 — Agent requests approval:

```
{
  "jsonrpc": "2.0",
  "id": 4,
  "result": {
    "content": [
      {
        "type": "text",
        "text": "I'd like to update opportunity 01234567890 with the following
changes:\n- Target close date: 2026-03-31\n- Expected revenue: $300,000\n- Stage:
Qualified\n\nPlease approve, reject, or override this action."
      }
    ]
  }
}
```

```
    },
    {
      "type": "tool_approval_request",
      "toolUseId": "tool-use-98765",
      "toolName": "update_opportunity_enhanced",
      "parameters": {
        "opportunityId": "01234567890",
        "targetCloseDate": "2026-03-31",
        "expectedRevenue": 300000,
        "stage": "Qualified"
      }
    }
  ],
  "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
  "status": "requires_approval"
}
```

Step 2 — Approve the action:

```
{
  "jsonrpc": "2.0",
  "id": 5,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
      "content": [
        {
          "type": "tool_approval_response",
          "toolUseId": "tool-use-98765",
          "decision": "approve"
        }
      ],
      "catalog": "AWS"
    }
  }
}
```

Step 2 (alternative) — Reject the action:

```
{
```

```

    "jsonrpc": "2.0",
    "id": 5,
    "method": "tools/call",
    "params": {
      "name": "sendMessage",
      "arguments": {
        "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
        "content": [
          {
            "type": "tool_approval_response",
            "toolUseId": "tool-use-98765",
            "decision": "reject",
            "message": "The expected revenue should be $250,000, not $300,000"
          }
        ],
        "catalog": "AWS"
      }
    }
  }
}

```

Step 2 (alternative) — Override with custom response:

```

{
  "jsonrpc": "2.0",
  "id": 5,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
      "content": [
        {
          "type": "tool_approval_response",
          "toolUseId": "tool-use-98765",
          "decision": "override",
          "message": "Use expected revenue of $250,000 and keep the stage as
Prospect instead"
        }
      ],
      "catalog": "AWS"
    }
  }
}

```

Approval decision values:

Decision	Behavior
"approve"	Execute the tool with the proposed parameters
"reject"	Do not execute the tool. Optional message explains why.
"override"	Provide a custom response or modified instructions via message

Streaming with SSE

Enable streaming to receive incremental response chunks as the agent processes your request:

Request:

```
{
  "jsonrpc": "2.0",
  "id": 6,
  "method": "tools/call",
  "params": {
    "name": "sendMessage",
    "arguments": {
      "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
      "content": [
        {
          "type": "text",
          "text": "Analyze my pipeline and identify opportunities at risk"
        }
      ],
      "catalog": "AWS",
      "stream": true
    }
  }
}
```

The server responds with a stream of SSE events:

```
event: stream_start
data: {"sessionId": "session-550e8400-e29b-41d4-a716-446655440000"}

event: assistant-response.start
data: {}

event: server-tool-use
data: {"toolName": "analyze_pipeline", "parameters": {}}

event: server-tool-response
data: {"toolName": "analyze_pipeline", "result": {"opportunitiesAnalyzed": 47,
  "atRisk": 5}}

event: assistant-response.delta
data: {"text": "I analyzed your pipeline of 47 opportunities and identified "}

event: assistant-response.delta
data: {"text": "5 that are at risk of slipping:\n\n"}

event: assistant-response.delta
data: {"text": "1. **02345678901** - Close date is past due by 15 days\n"}

event: assistant-response.completed
data: {"status": "complete"}

event: stream_end
data: {}
```

getSession

Retrieve the current state of a conversation session, including full conversation history, events, and metadata. Use this to inspect session state, review past interactions, or resume a conversation.

Parameters

- sessionId** (required) — UUID of the session to retrieve. Format: session-xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx.
- catalog** (required) — Environment the session belongs to.

Valid values: "AWS", "Sandbox"

Response

Field	Type	Description
sessionId	string	Session identifier
createdAt	string	ISO 8601 timestamp of session creation
lastActivity	string	ISO 8601 timestamp of last activity
sequenceNumber	integer	Current event sequence number
stateType	string	Current session state
events	array	Full conversation history (user messages, agent responses, tool uses)
variables	object	Session variables and metadata
eventCount	integer	Total number of events in the session

Example

Request:

```
{
  "jsonrpc": "2.0",
  "id": 7,
  "method": "tools/call",
  "params": {
    "name": "getSession",
    "arguments": {
      "sessionId": "session-550e8400-e29b-41d4-a716-446655440000",
      "catalog": "AWS"
    }
  }
}
```



```
    }
  }
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "id": 7,
  "result": {
    "content": [
      {
        "type": "text",
        "text": "{\\"sessionId\\":\\"session-550e8400-e29b-41d4-a716-446655440000\\",\\"createdAt\\":\\"2026-01-15T10:30:00Z\\",\\"lastActivity\\":\\"2026-01-15T11:45:00Z\\",\\"sequenceNumber\\":8,\\"stateType\\":\\"END_TURN\\",\\"eventCount\\":8,\\"events\\":[...],\\"variables\\":{}}"
      }
    ]
  }
}
```

Error handling

All errors follow the JSON-RPC 2.0 error format:

```
{
  "jsonrpc": "2.0",
  "id": 1,
  "error": {
    "code": -32001,
    "message": "Authentication failed. Verify your SigV4 credentials and ensure they have not expired."
  }
}
```

See [the section called “Error codes”](#) for the complete list of error codes and their meanings.

Recommended retry strategy

- For -32004 (LIMIT_EXCEEDED): Retry with exponential backoff starting at 1 second
- For -32603 (INTERNAL_ERROR): Retry up to 3 times with exponential backoff

- For -32001 (AUTHENTICATION_FAILURE): Refresh credentials and retry
- For all other errors: Do not retry automatically — inspect the error message and correct the request

About the AWS Partner Central APIs

The following sections provide general information on the APIs.

Topics

- [Using the AWS Partner Central API](#)
- [Supported AWS Regions](#)
- [Permissions](#)
- [Quotas for the AWS Partner Central API](#)
- [Logging for the AWS Partner Central API](#)
- [Notifications for the AWS Partner Central API](#)
- [Testing in a sandbox](#)

Using the AWS Partner Central API

The following sections provide information about using the AWS Partner Central APIs.

Topics

- [Using the AWS Partner Central Account API](#)
- [Using the AWS Partner Central Selling API](#)
- [Using the AWS Partner Central Benefits API](#)
- [Using the AWS Partner Central Channel API](#)

Using the AWS Partner Central Account API

Managing partner account

Partner accounts are registered and linked with an existing AWS account to provide a full IAM-based experience. This approach eliminates the need for user-level credentials, ensuring that all registrations and operations are managed through IAM entity within the AWS account. AWS Partner Central enables seamless integration with AWS services, and this model provides partner entity management, supports multiple catalogs, and establishes an AWS account-level entitlement system.

Partners can utilize the available partner account APIs to register, manage, and update their accounts:

Partner Registration API

Partners can register their account using their AWS account for Partner Engagement. Using the Create API, partners will provide required alliance lead information, accept APN terms, and provide a unique legal name.

Partner Profile API

Partners manage profiles containing company details (name, description, website, logo) with public/private visibility control, asynchronous validation, and status tracking allowing one update at a time.

Domain Management API

Partners can register and verify business domains through email validation to establish organizational identity and associate employees' training and certifications.

Partner Connection API

Partners connect their AWS accounts with other AWS accounts for various purposes, such as collaborating on co-selling with other partners, sharing AWS Marketplace Offers data between accounts, authorizing distributors/channel partners to distribute/re-sell their products, and more.

Partner Verification API

Partner verification is a mandatory prerequisite for partner account registration. Before partners can create a partner account, they must complete business verification and identity verification processes. These verifications validate that the business is legally registered and confirm the identity of the person registering the AWS account.

Topics

- [Working with Partner Registration](#)
- [Working with Partner Profile](#)
- [Working with Domain Management](#)
- [Working with Partner Account Connections](#)

- [Working with Partner Verification](#)

Working with Partner Registration

Partner Registration

Partners can register their account using their AWS account for Partner Engagement. Using the Create API, partners will provide required alliance lead information, accept APN terms, and provide a unique legal name.

During Registration

1. **Synchronous Partner Entity Creation** – Customers initiate the partner registration process by calling the Create API, which performs input validation and creates the Partner Entity within the same request.
2. **Alliance Lead Information Requirement** – During partner registration, customer must provide alliance lead contact information for AWS Partner Network (APN) related communication.
3. **Terms & Conditions Enforcement** – Customers must accept the APN Terms and Conditions during registration. Acceptance is required to complete the registration and access any features. The terms apply to all APN program benefits and functionalities.
4. **Tag-On-Create Support** – As part of AWS Consistent Authorization Experience (CAE) and Tag-Based Authorization, customers are able to add tags at the time of partner entity creation.
5. **Legal Name-Based Validation** – Registration will enforce uniqueness based on partner legal name, ensuring no duplicate registrations under the same entity.

Post Registration

1. **Tag Management Support** – After registration, partners are able to tag, un-tag, and list tags for an existing partner entity.
2. **Fetch Partner Entity** - After a partner entity is created, customers can use List API to retrieve the Partner ID and then use the Get API to fetch the details of a specific partner entity.

API Summary

1. **CreatePartner API:** Customers initiate the partner registration process by calling the CreatePartner API, which performs input validation and creates the Partner Entity within the same request.

2. **ListPartners API:** After registration, customers can use the List API to retrieve list of partner entities.
3. **GetPartner API:** After registration, customers can use the Get API to retrieve details of a specific partner entity.
4. **PutAllianceLeadContact API:** Updates the primary alliance lead contact information. This operation allows partners to transfer primary alliance lead designation or modify contact details while maintaining organizational continuity.
5. **GetAllianceLeadContact API:** Updates the primary alliance lead contact information. This operation allows partners to transfer primary alliance lead designation or modify contact details while maintaining organizational continuity.

Working with Partner Profile

Profile management

Partners manage profiles containing company details (name, description, website, logo) with public/private visibility control, asynchronous validation, and status tracking allowing one update at a time.

1. **Profile Information** – Partner profiles must include essential company details such as display name, description, website URL, logo, IndustrySegments and PrimarySolutionType.
2. **Multilingual Support** – Partner profiles support multiple languages. Each localized version of the profile contains an attribute for locale.
3. **Profile Visibility Control** – Partners can configure their profile visibility (public or private).
4. **Profile Storage** – Profile information will be stored within the partner account object.
5. **Profile Status Management** – Profile updates are validated asynchronously before publishing. Partners can check the latest profile updating status (IN_PROGRESS, SUCCEED, FAILED and CANCELLED). Only approved profiles become publicly visible.
6. **Request Concurrency Control** – Only one profile update request is allowed at a time. If a profile update is already in progress, customers must explicitly cancel the ongoing update via the CancelPartnerProfileUpdateTask API before initiating a new one.
7. **Cancellation of Update Tasks** – Partners can cancel an in-progress profile update by calling the CancelPartnerProfileUpdateTask API. Cancellation is only allowed while the update is in the IN_PROGRESS status and must be completed before starting a new update.

API Summary

1. **StartPutProfileTask API:** This API accepts partner profile updates and performs basic synchronous input validation.
2. **GetProfileUpdateTask API:** This API allows Partners to fetch the current profile update status. It is intended to be used after customer start a profile update via StartPutPartnerProfile API, enabling Partners to check whether their request is IN_PROGRESS, FAILED, SUCCEEDED or CANCELLED.
3. **CancelProfileTask API:** Allows a partner to explicitly cancel a profile update task that is currently in the IN_PROGRESS status. This includes both auto-vetting and manual review phases. Canceling a request enables the partner to initiate a new profile update without waiting for the current vetting process to complete.
4. **PutProfileVisibility API:** By calling this API, partners can control the visibility of a profile regardless of locale. This allows partners to make profiles public or private without modifying the content.
5. **GetProfileVisibility API:** By calling the UpdatePartnerProfileVisibility API, partners can control the visibility of a profile regardless of locale. This allows partners to make profiles public or private without modifying the content.

Working with Domain Management

Domain Management

Partners can register and verify business domains through email validation to establish organizational identity and associate employees' training and certifications.

API Summary

1. **SendEmailVerificationCode API:** Initiates email verification process by sending a verification code to the specified email address. Used for both new contact creation and email address updates.
2. **AssociateAwsTrainingCertificationEmailDomain API:** Associates an email domain with AWS training and certification for the partner account, enabling automatic verification of employee certifications.
3. **DisassociateAwsTrainingCertificationEmailDomain API:** Removes the association between an email domain and AWS training and certification for the partner account.

Working with Partner Account Connections

Partners can manage connections between their own accounts or connections with other partners' AWS accounts using the AWS Partner Connection API. The process involves two phases:

1. **Connection Invitation Phase:** Initiating and responding to connection requests
2. **Active Connection Phase:** Managing established connections and their associated business activities

Creating and Sending a Connection Invitation

Step 1: Create a Connection Invitation

The first step in establishing a partner connection is creating and sending a connection invitation using the `CreateConnectionInvitation` action. When creating an invitation, you must specify:

- **Catalog:** The AWS catalog (AWS or Sandbox) where the connection will be managed
- **ConnectionType:** The type of relationship you want to establish. Choose one of the following:
 - **OPPORTUNITY_COLLABORATION:** Use this type when you want to send a connection request to another partner's account so that you can send them opportunity engagement invitations for opportunity collaboration
 - **SUBSIDIARY:** Use this type when you want to connect multiple AWS Marketplace seller accounts that you own to your "primary" account that you have linked with APN or where you are registered as a Partner
- **ReceiverIdentifier:** The receiver's public partner profile ID (for Opportunity Collaboration connection type) or AWS account ID (for Subsidiary connection type)
- **Email:** Your contact email address for communication
- **Name:** Your name as the sender
- **Message:** A description explaining the purpose of the connection request

When created, the invitation enters the Pending state, awaiting action from the receiver.

** Important**

By sending a connection invitation, you consent to revealing your AWS account ID to the receiver if they accept the invitation. This disclosure is necessary to establish the account-level connection.

Step 2: Monitor Your Sent Invitations

You can track the status of invitations you've sent using the `ListConnectionInvitations` action with the `ParticipantType` parameter set to `SENDER`. This allows you to:

- View all outgoing invitations
- Filter by status (`PENDING`, `ACCEPTED`, `REJECTED`, `EXPIRED`)
- Filter by connection type
- Check specific invitations to other partners

Step 3: Cancel an Invitation (Optional)

If you need to withdraw a pending invitation before it's been accepted, you can use the `CancelConnectionInvitation` action. Note that:

- You can only cancel invitations in the Pending state
- Once an invitation is accepted and a connection is established, it cannot be canceled
- To end an established connection, you must use the `CancelConnection` action instead

Receiving and Responding to Connection Invitations**Step 1: List Incoming Invitations**

To view connection invitations you've received, use the `ListConnectionInvitations` action with the `ParticipantType` parameter set to `RECEIVER`. You can filter by:

- Connection type
- Status (`PENDING`, `ACCEPTED`, `REJECTED`)
- Sender's identifier

Step 2: Review Invitation Details

Use the `GetConnectionInvitation` action to view complete details of a specific invitation, including:

- Sender's name and contact email
- Invitation message explaining the purpose
- Connection type being requested
- Expiration date
- Sender's public profile information

Step 3: Accept or Reject the Invitation

After reviewing the invitation details, you have two options:

Option A: Accept the Invitation

Use the `AcceptConnectionInvitation` action to establish the connection. When you accept:

- A new `Connection` is created in the `Active` state
- The invitation's status changes to `Accepted`
- Your AWS account ID is revealed to the sender
- You can begin conducting business activities enabled by the connection type

Important

Important Consent: By accepting a connection invitation, you consent to revealing your AWS account ID to the sender. This disclosure is necessary to establish the account-level connection.

Option B: Reject the Invitation

Use the `RejectConnectionInvitation` action if you don't wish to establish the connection. You can optionally provide a reason for rejection. Once rejected:

- The invitation's status changes to `Rejected`

- No connection is established
- The invitation will no longer appear in your list of pending invitations

Automatic Expiration

If no action is taken within the expiration period, the system automatically transitions the invitation to the Expired state. Expired invitations cannot be accepted or rejected.

Managing Active Connections

Viewing Your Connections

Once a connection is established, both parties can view and manage it using the following actions:

ListConnections: Retrieve a list of your connections with filtering options:

- Filter by connection type and status (e.g., `OPPORTUNITY_COLLABORATION:ACTIVE`)
- Filter by other party's identifier
- View summary information for each connection

GetConnection: Retrieve complete details of a specific connection, including:

- All connection types associated with this partner relationship
- Status of each connection type (Active or Terminated)
- Contact information from the original invitation
- AWS account IDs and public profile IDs of both parties
- Creation and termination timestamps for each connection type

Adding Connection Types to an Existing Connection

If you already have an active connection with a partner and want to establish a new type of relationship, you can send a new connection invitation with a different connection type. Upon acceptance:

- The new connection type is added to the existing connection
- Both connection types remain independently manageable
- The same connection ID is maintained for the relationship

Note

There can only be one active connection of any given type between two accounts in a given catalog at any time.

Terminating Connection Types

Either party can terminate a specific connection type using the `CancelConnection` action. When terminating:

- Specify the connection ID and the connection type to terminate
- Provide a reason for the termination
- The connection type's status changes to `CANCELED`
- Other connection types within the same connection remain unaffected

Complete Connection Termination

When all connection types within a connection are terminated, the connection itself transitions to the `Terminated` state. A completely terminated connection:

- Cannot be reactivated, but you can send a new connection request to continue business with that account
- Remains in the system for historical record-keeping
- Can be viewed using the `GetConnection` API
- Requires a new invitation to re-establish the relationship

Monitoring Connection Events

Partners should monitor connection-related events using Amazon EventBridge to stay informed of:

- New incoming connection invitations
- Status changes to sent invitations (`ACCEPTED`, `REJECTED`, `EXPIRED`)
- Connection terminations initiated by the other party

Upon receiving an event, use the appropriate `Get` API action to fetch the latest details:

- `GetConnectionInvitation` for invitation updates
- `GetConnection` for connection updates

Possible Events

- **Connection Invitation Created:** Notifies the recipient account of incoming connection invitations.
- **Connection Invitation Cancelled:** Notifies the recipient account when a sender cancels an incoming connection invitation.
- **Connection Invitation Expired:** Notifies both sender and recipient accounts when a connection invitation expires without action.
- **Connection Invitation Rejected:** Notifies the sender account when their connection invitation is rejected by the recipient.
- **Connection Invitation Accepted:** Notifies the sender account when their connection invitation is accepted and a connection is established.
- **Connection Cancelled:** Notifies both connected parties when all a connection is fully terminated.

Understanding Connection States

Connection Invitation States

State	Description	Can Transition To
PENDING	Initial state when created; awaiting receiver action	ACCEPTED, REJECTED, EXPIRED, CANCELED
ACCEPTED	Receiver accepted; connection created	None (terminal state)
REJECTED	Receiver declined; contains optional rejection reason	None (terminal state)
EXPIRED	System-expired due to no action within expiration period	None (terminal state)

State	Description	Can Transition To
CANCELED	Sender withdrew the invitation before acceptance	None (terminal state)

Connection Type States

State	Description
ACCEPTED	Connection type is operational; associated business activities enabled
CANCELED	Connection type ended by either party

Best Practices

1. **Clear Communication:** Provide detailed, clear messages in your connection invitations explaining the purpose and expected collaboration.
2. **Timely Responses:** Monitor and respond to connection invitations promptly to avoid automatic expiration.
3. **Regular Review:** Periodically review your active connections to ensure they remain relevant to your current business needs.
4. **Proper Termination:** When ending a business relationship, use the CancelConnection action with a clear reason to maintain professional communication.
5. **Event Monitoring:** Set up EventBridge rules to automatically receive notifications of connection status changes, to help stay informed of important updates.
6. **Connection Type Management:** Consider which connection types are needed before establishing connections, as each type enables different business capabilities.
7. **Security Awareness:** Remember that establishing a connection reveals AWS account IDs between parties. Only connect with trusted partners.

Connection Types and Their Purposes

Connection Type	Purpose	Use Case
OPPORTUNITY_COLLABORATION	Enables collaboration on co-selling opportunities with other partners	When you want other partner to have access to your opportunity or vice versa, use this connection type. This connection allows you to send opportunity engagement invitations to connected partners.
SUBSIDIARY	Establishes connections between your multiple AWS Marketplace seller accounts and your primary Partner account	Use when you have multiple AWS Marketplace Seller Accounts you want to connect to your primary account where you are registered as a partner and seller.

Working with Partner Verification

Managing Partner Verification

Partner verification is a mandatory prerequisite for partner account registration. Before partners can create a partner account, they must complete business verification and identity verification processes. These verifications validate that the business is legally registered and confirm the identity of the person registering the AWS account.

Partners can utilize the available verification APIs to initiate and monitor verification processes:

During Verification

- 1. Business Verification Initiation** – Partners initiate business verification by calling the `StartVerification` API with business registration details including legal name, registration ID, country code, and jurisdiction of incorporation.
- 2. Identity Verification Initiation** – Partners initiate identity verification by calling the `StartVerification` API with registrant information. The API returns a secure completion

URL where the registrant completes the identity verification workflow using government-issued identification.

3. **Verification Status Monitoring** – Partners use the `GetVerification` API to retrieve the current status and details of verification processes. The API returns verification type, status, timestamps, and verification-specific details.
4. **Verification Completion** – Both business verification and identity verification must reach `SUCCEEDED` status before partners can proceed to partner account creation. Failed or expired verifications must be resolved before account registration.

Post Verification

1. **Partner Account Creation** – After successful verification, partners proceed to create their partner account using the `CreatePartner` API described in the Partner Account documentation.
2. **Verification Record Retrieval** – Partners can retrieve verification details at any time using the `GetVerification` API with the verification ID returned during initiation.

API Summary

1. **StartVerification API:** Partners initiate verification processes by calling the `StartVerification` API. For business verification, the API validates business registration details. For identity verification, the API generates a time-limited completion URL for the registrant to complete identity verification.
2. **GetVerification API:** After initiating verification, partners use the `GetVerification` API to retrieve verification status and details. The API returns current status, timestamps, and verification-specific information.

Using the AWS Partner Central Selling API

This AWS Partner Central API reference is designed to help [AWS Partners](#) integrate customer relationship management (CRM) systems with Partner Central. The API automates interactions with Partner Central, which helps to ensure effective engagements in joint business activities.

The API provides standard AWS API functionality. Access it by either using API [Actions](#) or by using an AWS SDK that's tailored to your programming language or platform. For more information, see [Getting Started with AWS](#) and [Tools to Build on AWS](#).

Features offered by AWS Partner Central API

1. **Opportunity management:** Facilitates the management of coselling opportunities with AWS using API actions such as `CreateOpportunity`, `UpdateOpportunity`, `ListOpportunities`, `GetOpportunity`, and `AssignOpportunity`.
2. **AWS referral management:** Facilitates receiving referrals shared by AWS using actions like `ListEngagementInvitations`, `GetEngagementInvitation`, `StartEngagementByAcceptingInvitation`, and `RejectEngagementInvitation`.
3. **Entity association:** Associate related entities such as *AWS Products*, *Partner Solutions*, and *AWS Marketplace Private Offers* with opportunities using the actions `AssociateOpportunity` and `DisassociateOpportunity`.
4. **View AWS opportunity details:** Use the `GetAWSOpportunitySummary` action to retrieve real-time summaries of AWS opportunities that are linked to your opportunities.
5. **List solutions:** Provides list APIs for listing solutions partners offer using `ListSolutions`.
6. **Event subscription:** Partners can subscribe to real-time updates on opportunities by listening to events such as *Opportunity Created*, *Opportunity Updated*, *Engagement Invitation Accepted*, *Engagement Invitation Rejected* and *Engagement Invitation Created* using Amazon EventBridge.

Supported Regions and endpoints

The AWS Partner Central API is available in the US East (N. Virginia) Region.

Region	Endpoint
us-east-1	partnercentral-selling.us-east-1.api.aws

Partners can test and validate API integrations in a secure sandbox environment. This allows you to test API actions without affecting live data. For more information, see [Testing in a sandbox for the AWS Partner Central Selling API](#).

Selling API entities

AWS Partner Central entities represent key business components used in coselling engagements between partners and AWS. These entities encapsulate information related to opportunities, solutions, products, and offers, enabling smooth collaboration and management of joint sales

activities. The following sections provide descriptions of the core entities in the Partner Central Selling API.

Opportunity

An opportunity is a potential sale or deal that a business identifies and actively pursues. It's a qualified prospect or lead with a specific need that the company's products or services can address. Opportunities are typically tracked in a sales pipeline or CRM system and form the foundation of future revenue. Effective opportunity management involves nurturing leads through the sales process, from the initial qualification to closing. For more information, see [Working with your opportunities](#) and [Data types](#)

Partner Solutions

Represents a Partner Solution (referred to as offering on AWS Partner Central), which is a software product or consulting practice created and delivered by AWS Partners. Partner Solutions help customers address specific business challenges or achieve particular goals using AWS services. For more information, see [What is a solution?](#)

AWS product

Represents a specific AWS service or product. AWS offers a wide range of products and services designed to provide scalable, reliable, and cost-effective infrastructure solutions. Partners can obtain the latest list of AWS Products from the [bulk import page on Partner Central](#) (Start Import > AWS Products and Solutions). For more information, you can [learn about AWS Products](#) or [view the list of all AWS Products](#).

AWS Marketplace private offer

AWS Marketplace private offer is a feature that allows AWS Marketplace sellers to offer specific pricing and terms to individual AWS customers. Through private offers, sellers can negotiate custom prices, payment schedules, and end user license terms. AWS customers can obtain software solutions that meet their specific requirements, while also possibly benefiting from more favorable terms or pricing compared to standard offerings. The private offer process involves the seller creating a unique offer with tailored terms, which is then shared privately with the designated AWS customer for their review and acceptance. For more information, see [Private offers in AWS Marketplace](#).

Engagement invitation

Engagement Invitation refers to a formal request from AWS for partners to collaborate on a specific referral. This allows AWS and the partner to work together to drive the opportunity forward. The invitation can be accepted or rejected by the partner.

Topics

- [Working with your opportunities](#)
- [Working with opportunities from AWS](#)
- [Working with opportunity updates](#)
- [Working with multipartner opportunities](#)
- [Associating, disassociating and assigning opportunities](#)
- [Working with your leads](#)
- [Working with deal sizing insights](#)
- [Best practices](#)

Working with your opportunities

What is an Opportunity?

During the initial stages of the sales process, a sales representative assesses whether an interested individual (called *lead*) has the potential to become a customer. This assessment and validation phase is referred to as *Qualification*. Once a lead is deemed qualified and is considered to have a higher probability of converting to a customer, it is then classified as an *Opportunity*.

Working with Your Opportunities

Partners can manage opportunities created within their CRM systems and synchronize them with AWS Partner Central using the AWS Partner Central Selling API. This allows partners to track and manage opportunities from initiation to closure.

Creating an Opportunity

The first step in managing opportunities is creating an opportunity using the `CreateOpportunity` action. This creates an opportunity with the `Lifecycle.ReviewStatus` set to `Pending Submission`. However, the opportunity is not yet submitted to AWS for validation.

Once created, partners must associate at least one Partner Solution with the opportunity using the `AssociateOpportunity` action. This action clearly defines what the opportunity is attempting to sell. Partners can view the complete list of available solutions in their account using the `ListSolutions` API, and they can associate between one and ten solutions.

Optionally, partners can also associate relevant AWS Products with the opportunity using the `AssociateOpportunity` action. This step helps AWS sales teams understand what AWS products are expected to be sold in conjunction with the opportunity.

Once the required Partner Solution is associated and, optionally, AWS Products are linked, partners can start engagement on the opportunity by using the `StartEngagementFromOpportunityTask` action. This is when the opportunity gets submitted for starting an engagement.

Review Process

After starting the engagement on the opportunity using the `StartEngagementFromOpportunityTask` action, the opportunity enters the AWS validation phase, and its `Lifecycle.ReviewStatus` is set to `Submitted`. No changes can be made to the opportunity until the review process is complete.

During this validation phase, AWS ensures that the opportunity details are accurate and complete. While the validation is in progress, the `Lifecycle.ReviewStatus` is set to `In-Review`.

If there are changes or additional details required from the partner, AWS sets the `Lifecycle.ReviewStatus` to `Action Required`, and any required updates are communicated via the `Lifecycle.ReviewComments` field.

Once the opportunity passes validation, the `Lifecycle.ReviewStatus` changes to `Approved`, making the opportunity ready for co-selling activities.

Partners should monitor the `Opportunity Updated` event using Amazon EventBridge. This will notify them of any status changes or feedback from AWS. Upon receiving the event, partners can use the `GetOpportunity` API action to fetch the latest opportunity details and verify the `Lifecycle.ReviewStatus` field.

Resolving Validation Issues

If the `Lifecycle.ReviewStatus` is set to `Action Required`, partners need to address the issues highlighted by AWS. To resolve these, partners can update the opportunity using the `UpdateOpportunity` API action.

During the Action Required state, only certain fields are editable. These fields include:

1. `Customer.Account.Address.City`
2. `Customer.Account.Address.Country`
3. `Customer.Account.Address.PostalCode`
4. `Customer.Account.Address.StateOrRegion`
5. `Customer.Account.Address.StreetAddress`
6. `Customer.Account.WebsiteUrl`
7. `LifeCycle.TargetCloseDate`
8. `Project.ExpectedCustomerSpend.Amount`
9. `Project.ExpectedCustomerSpend.Currency`
10. `Project.CustomerBusinessProblem`
11. `PartnerOpportunityIdentifier`

After making the necessary changes, the opportunity re-enters the validation phase, and the process repeats until the opportunity's `Lifecycle.ReviewStatus` is set to `Approved` or `Disqualified`.

Post-Approval Updates

Once the opportunity is `Approved`, partners can continue to update the opportunity as needed using the `UpdateOpportunity` action, facilitating seamless co-selling activities.

Partners should continue monitoring the `Opportunity Updated` events through Amazon EventBridge to remain updated on any changes. For more information on tracking AWS updates, refer to the "Working with opportunity updates" section. Partners can also update select fields based on the business validation rules.

Working with opportunities from AWS

1. Receiving the AWS Opportunity

Opportunities are shared with partners when an AWS sales executive attaches a partner to an opportunity in AWS's CRM system. These are referred to as AWS Opportunities, distinct from opportunities created in the partner's own account.

When an AWS Opportunity has a partner attached, AWS creates an Engagement Invitation containing a subset of data from the AWS Opportunity. Partners will receive an *Engagement Invitation Created* event.

2. Reviewing the Engagement Invitation

The Engagement Invitation contains essential information such as `Project.Title`, `Project.CustomerUseCase`, `Lifecycle.Stage`, `Project.CustomerBusinessProblem`, and a few additional fields. Partners can use this data to decide whether to pursue the opportunity.

However, the following fields from the AWS Opportunity are not included in the Engagement Invitation:

```
Customer.Account.Address.StreetAddress
Customer.Account.Address.City
Customer.Account.Address.PostalCode
Customer.Contact
Customer.Account.AWSAccountId
Project.OtherSolutionDescription
RelatedEntityIdentifiers
```

3. Handling the Engagement Invitation

Upon receiving an *Engagement Invitation Created* event, partners can use the `GetEngagementInvitation` action to retrieve details of the AWS Opportunity.

If the partner decides not to pursue the opportunity, they can reject the invitation using the `RejectEngagementInvitation` action, along with the required `RejectionReason`. Once rejected, access to the opportunity is lost.

To accept the invitation and proceed, partners should use the `StartEngagementByAcceptingInvitationTask` action. This is an asynchronous action that sequentially performs the following tasks:

1. Accepts the Engagement Invitation.
2. Creates a new opportunity in the partner's account using data from the AWS Opportunity.
3. Includes additional details required to identify the customer in the partner's account.

Upon completion, an *Opportunity Created* event is triggered with the corresponding Opportunity ID. Partners can then use this ID in the `GetOpportunity` action to retrieve full details of the opportunity.

If the partner is not using events, they can call `StartEngagementByAcceptingInvitationTask` again with the same payload to check the latest status.

4. Managing the AWS Opportunity Post-Acceptance

Once the opportunity is in the partner's account, it can be managed and updated like any other opportunity in the system. Partners can use actions like `UpdateOpportunity` to make any necessary changes.

For more details on how to track AWS updates and manage opportunity updates, refer to the [Working with opportunity updates](#) section.

Working with opportunity updates

Updating opportunities

Partners can use the `UpdateOpportunity` action to update opportunities, with specific rules governing which fields are updated, and when they're updated:

1. Updates cannot be made if the `Lifecycle.ReviewStatus` is `Submitted` or `In-Review`.
2. Before submission, partners can make updates, but AWS will not process them unless the `StartEngagementFromOpportunityTask` action is invoked.
3. When the opportunity is in `Submitted` or `In-review` status, all updates are blocked.
4. If the opportunity is in `Action Required` status, AWS opens select fields for updates. These fields include:
 - `Customer.Account.Address.City`
 - `Customer.Account.Address.Country`
 - `Customer.Account.Address.PostalCode`
 - `Customer.Account.Address.StateOrRegion`
 - `Customer.Account.Address.StreetAddress`
 - `Customer.Account.WebsiteUrl`
 - `LifeCycle.TargetCloseDate`

- `Project.ExpectedCustomerSpend.Amount`
 - `Project.ExpectedCustomerSpend.CurrencyCode`
 - `Project.ExpectedCustomerSpend.EstimationURL`
 - `Project.ExpectedCustomerSpend.Frequency`
 - `Project.ExpectedCustomerSpend.TargetCompany`
 - `Project.CustomerBusinessProblem`
 - `PartnerOpportunityIdentifier`
5. After the review process (i.e., when `Lifecycle.ReviewStatus` is set to `Approved`), the following fields cannot be updated:
- `Customer.Account.Address.Country`
 - `Customer.Account.Address.PostalCode`
 - `Customer.Account.Industry`
 - `Customer.Account.WebsiteUrl`
 - `Project.CustomerBusinessProblem`
 - `PartnerOpportunityIdentifier`
 - `Project.Title`
6. For all other fields, updates can be made using the `UpdateOpportunity` action. However, additional restrictions may apply based on business rules for the specific program or opportunity type. For more details, refer to field-level validations.
7. For all updates made through both the UI and API, the *Opportunity Updated* event is generated.

Receiving updates from AWS on opportunities

AWS typically updates AWS opportunities, and each time an update is made, an *Opportunity Updated* event is generated.

To retrieve the latest updates from AWS, partners need to invoke two separate actions

1. `GetOpportunity` to retrieve details of the partner's opportunity.
2. `GetAWSOpportunitySummary` to retrieve real-time summaries of the AWS opportunity data.

Most regular updates from AWS will be available through the `GetAWSOpportunitySummary` response. However, AWS may occasionally update attributes in the partner's opportunity directly.

To consume updates from AWS

1. Invoke the `GetAWSOpportunitySummary` action to retrieve the latest details of the AWS Opportunity.
2. If changes need to be reflected in the partner's opportunity, use the `UpdateOpportunity` action to copy the relevant data onto the partner's opportunity.

Partners can choose to automate this process as a direct update mechanism or implement a manual review process to validate and update the data.

Working with multipartner opportunities

AWS Partners can work together on opportunities with AWS as an active participant.

Topics

- [Engagements and snapshots](#)
- [Creating a custom policy for ResourceSnapshotJobRole](#)
- [Inviting partners to an opportunity](#)
- [Retrieving engagement invitation details](#)
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Engagements and snapshots

An *engagement* is a resource owned by AWS for collaboration between multiple AWS Partner accounts and AWS on a customer opportunity. Engagements facilitate secure information sharing among partners and collaboration while maintaining individual opportunity ownership and control. Engagements encompass opportunities that originate from both AWS and partners, with AWS as an active participant. Partners can invite AWS or other partners to join an engagement using `EngagementInvitations`. When invited partners accept, they receive their own opportunity within the same engagement.

Engagement members share progress through snapshots—point in time, immutable copies of specific fields from an underlying resource such as an opportunity. Snapshots are created within the engagement and shared with members. When the underlying resource changes, the owner can create a new snapshot revision to reflect updates. AWS provides snapshot jobs—customer-owned jobs that automatically create new revisions when the resource changes. Once shared, snapshots remain permanently accessible to engagement members.

Creating a custom policy for ResourceSnapshotJobRole

Collaborating on multi-partner opportunities requires sharing snapshots of your opportunities with other partners in an engagement. To maintain access to the latest opportunity details, you need to create a custom role called `ResourceSnapshotJobRole`. This role allows the system to create snapshots of your opportunities on your behalf and retrieve snapshots from other partners in the same engagement. Without this role, any updates you make to your opportunity will not be visible to other partners in the engagement, and they will continue to see outdated snapshots of your opportunity data.

Note

You can use a name other than `ResourceSnapshotJobRole`. If you use a different name, replace all instances of `ResourceSnapshotJobRole` in the following policies with your policy name.

To create this role, go to your IAM console and create the `ResourceSnapshotJobRole` role with the following custom trust policy:

JSON

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "Service": "resource-snapshot-job.partnercentral-selling.amazonaws.com"
      },
      "Action": "sts:AssumeRole"
    }
  ]
}
```

```
]
}
```

After creating this role, you need to attach the [AWSPartnerCentralSellingResourceSnapshotJobExecutionRolePolicy](#) AWS managed policy, or attach the following permissions policy:

JSON

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "partnercentral:CreateResourceSnapshot"
      ],
      "Resource": [
        "arn:aws:partnercentral:*::catalog/AWS/engagement/*"
      ]
    },
    {
      "Effect": "Allow",
      "Action": [
        "partnercentral:GetOpportunity"
      ],
      "Resource": [
        "arn:aws:partnercentral:*:111122223333:catalog/AWS/opportunity/*"
      ]
    }
  ]
}
```

Replace {account} with your AWS account ID.

After you create the ResourceSnapshotJobRole role and attach the permissions, you need to set the ResourceSnapshotJobRole for your organization. Use the [PutSellingSystemSettings](#) action to set the role you created as the ResourceSnapshotJobRole for your company (identified by your AWS account):

```
aws-cli/2.13.5 Python/3.11.4 Linux/4.14.255-314-253.539.amzn2.x86_64
Host: partner-central.aws.amazon.com
Content-Type: application/json

{
  "ResourceSnapshotJobRoleIdentifier": "arn:aws:iam::{account}:role/
ResourceSnapshotJobRole"
}
```

Replace {account} with your AWS account ID, and ResourceSnapshotJobRole with the name of the role you created. This role will be implicitly assumed by the resource snapshot jobs to access your opportunities and create snapshots for sharing with other partners in the engagement.

Inviting partners to an opportunity

Partners can collaborate on opportunities that originate from both partners and AWS by initiating an engagement invitation. You can invite a maximum of nine partners to an opportunity.

To invite partners to an opportunity

1. Follow the steps in [Finding and connecting with partners](#) in the *AWS Partner Central Sales Guide*. You must connect with partners before you can invite them to opportunities. This connection grants mutual access to each other's account IDs, ensuring invitations reach the intended partner account.
2. Use the [StartEngagementFromOpportunityTask](#) action to create an engagement and associate an opportunity with it. This asynchronous action performs the following tasks sequentially:
 1. Creates an engagement.
 2. Associates the opportunity with the engagement.
 3. Invokes the [CreateEngagementInvitation](#) action to AWS.
 4. Submits the opportunity to AWS.
 5. Starts the ResourceSnapshotJob to create snapshots.
3. Invite other partners to join.
 - a. To get the engagement ID associated with your opportunity, use the [ListEngagementFromOpportunityTasks](#) action, filtered by the TaskIdentifier returned in the previous step.

- b. Use the receiving partner's engagement ID and account ID to send an invitation with `CreateEngagementInvitation`.

A successful invitation sends an engagement invitation created event to the receiving partner.

Retrieving engagement invitation details

When you receive an engagement invitation created event, use the [GetEngagementInvitation](#) action to retrieve the invitation details. The response includes essential information about the customer opportunity associated with the engagement.

Review the invitation details, particularly the `InvitationMessage`, `Project.Title`, `Project.CustomerUseCase`, and `Project.CustomerBusinessProblem` fields. This information provides context about the customer opportunity and the inviting partner's expectations for collaboration.

Use these details to evaluate if you want to pursue the opportunity by accepting or declining the engagement invitation.

Responding to an engagement invitation

When a partner sends you an engagement invitation, it creates an engagement invitation created event that notifies you of the invitation. You have the option to accept or reject the invitation. This decision determines your involvement in the multipartner opportunity.

To reject an engagement invitation:

Use the [RejectEngagementInvitation](#) action to reject the invitation. You must provide a `RejectionReason` parameter explaining your decision. Once rejected, you lose access to the invitation details, and an engagement invitation rejected event notifies the sending partner that you have rejected their invitation.

To accept an engagement invitation:

To accept the invitation and proceed with the multipartner opportunity, use the [StartEngagementByAcceptingInvitationTask](#) action. This asynchronous action performs the following tasks sequentially:

1. Accepts the engagement invitation.
2. Creates a new opportunity in your partner account using data from the sending partner's opportunity. You will receive an opportunity created event.

3. Includes additional details required to identify the customer in your account.
4. Publishes an engagement invitation accepted event which notifies the partner that you have accepted the invitation and have been added to the engagement.

Expired engagement invitation

If you do not respond to an engagement invitation within fifteen days, it expires, and you cannot participate in the multipartner opportunity. An engagement invitation expired event notifies the sending partner that the invitation expired.

Note

If you still want to collaborate, the sending partner must initiate a new engagement invitation.

Reviewing and updating multipartner opportunities

When a partner initiates an engagement on an opportunity, the review status of the newly created opportunity in the receiving partner's account is determined by the sending partner's opportunity status.

Opportunity with submitted review status:

If the sending partner's opportunity has `Lifecycle.ReviewStatus` set to `Submitted`, the following process occurs:

1. The new opportunity created in the receiving partner's account will have `Lifecycle.ReviewStatus` set to `Submitted`.
2. The `Submitted` status remains until the sending partner's opportunity is `Approved`.
3. Once the sending partner's opportunity is validated and the `Lifecycle.ReviewStatus` is set to `Approved`, the other partners' opportunities will automatically inherit the `Approved` status.

This process ensures consistent opportunity details across multipartner opportunities, eliminating the need for multiple reviews.

Once complete, an opportunity created event is triggered with the corresponding opportunity ID. Partners can use this ID with the `GetOpportunity` action to retrieve the full opportunity details.

Opportunity with approved review status:

If the sending partner initiates an engagement on an opportunity with `Lifecycle.ReviewStatus` set to `Approved`, the following process occurs:

1. The new opportunity created in the receiving partner's account will have `Lifecycle.ReviewStatus` set to `Approved`.
2. An opportunity created event is triggered with the corresponding opportunity ID.
3. Partners can use the [GetOpportunity](#) action with the opportunity ID to retrieve the full opportunity details.

However, the approved opportunity may not have some partner-specific details that were not copied from the sending partner's opportunity. The receiving partner should update these details using the [UpdateOpportunity](#) action when the opportunity stage is updated to `Qualified` or a later stage:

- `Project.CustomerUseCase`
- `Project.DeliveryModels`
- `Solution`

- `PrimaryNeedsFromAws`
- `LifeCycle.TargetCloseDate`
- `Project.ExpectedCustomerSpend.Amount`
- `Project.ExpectedCustomerSpend.Currency`
- `Marketing.source`
- `Marketing.AwsFundingUsed`

Once the opportunity is created in the receiving partner's account, it can be managed and updated like any other opportunity within the partner's system. Partners can use the [UpdateOpportunity](#) action to make changes or provide more information about their involvement in the opportunity.

Using snapshots to receive partner updates

Within an engagement, partners maintain and update their opportunities independently. When someone revises an engagement's resources, such as adding an opportunity, an engagement resource snapshot created event is published.

To stay informed about changes and access the most current information from other partners' opportunities, you can use the following actions:

- [ListEngagementResourceAssociations](#) – Use this action to retrieve the engagement ID associated with the opportunity.
- [ListResourceSnapshots](#) – Use this action to retrieve a comprehensive list of all opportunity snapshots associated with the engagement, providing an overview of available snapshots across all partners.
- [GetResourceSnapshot](#) – Use this action to obtain real-time summaries of specific opportunity snapshots, allowing you to view the most up-to-date information without directly accessing another partner's opportunity.

If you identify relevant changes or updates from another partner's opportunity that should be reflected in your own, use the [UpdateOpportunity](#) action. This action facilitates selectively incorporating pertinent data into your opportunity, ensuring alignment and consistency across the engagement.

Viewing engagement members

An engagement on a multipartner opportunity can have up to ten partners. Whenever a new partner accepts the engagement invitation, an engagement member added event is published, notifying all current members about the change.

To view all members collaborating within an engagement, follow these steps:

1. Use the [ListEngagementResourceAssociations](#) action to retrieve the engagement ID associated with the opportunity.
2. Provide the ID from step 1 to the [ListEngagementMembers](#) action to fetch the partner details of engagement members.

Note

Only members of an engagement can invoke the `ListEngagementMembers` action.

Monitoring resource snapshot job status

When working with multipartner opportunities, you must create a role that allows you to create snapshots of your opportunities for other partners and retrieve opportunity snapshots from other partners in an engagement. Without this role, any updates you make to your opportunity will not be available to other partners in the engagement, and they will continue to see outdated snapshots of your opportunity.

To track the status of resource snapshot jobs associated with a multipartner opportunity in an engagement, follow these steps:

1. Use the [ListEngagementResourceAssociations](#) action to retrieve the engagement ID associated with the opportunity.
2. Provide the ID from step 1 to the [ListResourceSnapshotJobs](#) action to generate a list of all snapshot jobs owned by the caller in the engagement. Retrieve the job ID from the response.
3. Provide the job ID to the [GetResourceSnapshotJob](#) action to track the job status and see if it's running.

The ResourceSnapshotJob operation publishes metrics to Amazon CloudWatch for its asynchronous operations. CloudWatch processes the data into readable, near real-time metrics to help you monitor the performance and health of the service.

The following metrics are available:

- **Faults** – Counts internal issues during job execution. Use this metric to monitor service stability and set alarms for fault thresholds.
- **Errors** – Tracks customer-related issues during job processing. This metric helps identify problems with customer inputs or configurations.
- **Invocations** – Represents the total number of job invocations, including both successful and failed attempts. Use this to track service usage trends over time.

Note

Metrics are reported to CloudWatch only when there is activity in the ResourceSnapshotJob service. If there are no jobs or no data for a specific metric, that metric isn't reported.

To ensure smooth operation of the `ResourceSnapshotJob` operation:

- Use the metrics to verify that the service performs as expected.
- Create CloudWatch alarms to monitor metrics and trigger actions (such as sending notifications) when metrics exceed acceptable ranges.
- Set up proactive monitoring to identify and resolve issues.

For more information about using CloudWatch metrics, see the [Amazon CloudWatch User Guide](#).

Associating, disassociating and assigning opportunities

Opportunities can be associated or disassociated with Partner Solutions, AWS Products, AWS Marketplace Offers, and AWS Marketplace Offer Sets throughout the opportunity lifecycle.

Associating opportunities with other entities

The associated entities are retrieved from the `GetOpportunity` method within the `RelatedEntityIdentifiers` object. The `RelatedEntityIdentifiers` can be updated using `AssociateOpportunity`. Note that this field cannot be updated using the `UpdateOpportunity` or `CreateOpportunity` method.

Solutions

Before an engagement with AWS is started using the `StartEngagementFromOpportunityTask` action, it is mandatory to associate at least one and up to ten Partner Solutions. An AWS Referral may or may not contain a Partner Solution.

To view your existing solutions, use the `ListSolutions` action.

Partners can create, update, and manage their solutions in the Build section on [AWS Partner Central](#).

AWS products

Up to 20 AWS Products can be associated with an opportunity. To view a list of available AWS Products, use the list of [AWS Products hosted on GitHub](#). Association with AWS Products is exclusively done using the `AssociateOpportunity` action. To replace or remove a Product, use the `DisassociateOpportunity` action.

AWS Marketplace offers and offer sets

AWS Marketplace offers

Opportunities can be tied to an AWS Marketplace Private Offer. To view available offers, use the `ListEntities` from the AWS Marketplace Catalog API. Currently, you can only associate offers from the AWS Marketplace Seller account linked to AWS Partner Central.

For associating a private offer ARN is required. Sample:

```
arn:aws:aws-marketplace:us-east-1:123123123123:AWSMarketplace/Offer/offer-dtn3example1tg
```

AWS Marketplace offer sets

Opportunities can also be associated with AWS Marketplace Offer Sets. Offer sets enable the grouping of multiple related marketplace offers together for comprehensive solution packaging. To view available offer sets, use the `ListEntities` from the AWS Marketplace Catalog API.

For associating an offer set, an ARN is required. Sample:

```
arn:aws:aws-marketplace:us-east-1:123123123123:AWSMarketplace/OfferSet/offerset-dtn3example1tg
```

Important: An opportunity can be associated with either **one Offer** OR **one Offer Set**, but not both. Only one of these entity types can be associated with an opportunity at a time.

Disassociating opportunities from other entities

Use the `DisassociateOpportunity` action to unlink the Opportunity from Solutions, AWS Products, AWS Marketplace Offers and AWS Marketplace Offer Sets. Depending on the state of the Opportunity, different validation rules apply for unlinking the related objects.

Assigning opportunities

Use `AssignOpportunity` to change the opportunity's owner. You can set any of your Partner Central users to be the opportunity owner.

Working with your leads

What is a Lead?

In business-to-business (B2B) sales, a lead represents a potential customer who has expressed interest in a company's products or services but has not yet been fully qualified as a sales opportunity. Leads are the initial stage of the sales pipeline and require nurturing and qualification before they can be converted into opportunities for active co-selling with AWS.

In , leads are shared by AWS with partners based on customer engagement signals such as webinar attendance, campaign participation, or partner solution inquiries. These leads include valuable context like customer company information, business problems, and engagement details to help partners prioritize and qualify potential opportunities.

Working with Lead Invitations

Partners receive lead invitations from AWS when potential customers express interest in partner solutions or services. The lead invitation process allows partners to evaluate leads before committing to engagement, ensuring efficient resource allocation and higher conversion rates.

Receiving Lead Invitations

AWS creates lead invitations and shares them with partners through the Selling API. When a new lead invitation is available, AWS sends an Engagement Invitation with the Lead context to eligible partners.

Partners should monitor the `Engagement Invitation Created` event using Amazon EventBridge. This event notification includes the `payloadType` field set to `LeadInvitation`, allowing partners to distinguish lead invitations from opportunity invitations. Upon receiving the event, partners can retrieve invitation details to evaluate the lead.

Listing Lead Invitations

Partners can view all their lead invitations using the `ListEngagementInvitations` API action. This action retrieves invitations where the calling principal is either a sender or receiver.

To filter specifically for lead invitations, partners should use the `payloadType` filter with the value `LeadInvitation`. This filter ensures that only lead invitations are returned, excluding opportunity invitations from the results.

Lead invitations can be in the following states:

- **Pending:** Awaiting partner acceptance or rejection
- **Accepted:** Partner has accepted the invitation and gained access to full lead details
- **Rejected:** Partner has declined the invitation
- **Expired:** Invitation has passed its expiration date without action

Evaluating Lead Invitations

Before accepting a lead invitation, partners should retrieve detailed invitation information using the `GetEngagementInvitation` API action. This provides essential context for making informed accept or reject decisions.

The lead invitation payload includes:

Customer Information (available pre-acceptance):

- Company name, industry, and country
- Website URL
- Market segment (Enterprise, Large, Medium, Small, Micro)
- AWS maturity level (Evaluating, Single-Account, Multi-Account)

Customer Interactions:

- Source type and campaign information
- Customer action taken (form completion, webinar attendance, etc.)
- Business problem description provided by the customer
- Use case category
- Contact title (provides Authority context for BANT qualification)

Important

Customer contact information (name, email, phone number) is not visible at the invitation stage. Contact details become available only after accepting the invitation, ensuring customer privacy and preventing lead farming behavior.

Accepting Lead Invitations

When a partner decides to pursue a lead, they must accept the invitation using the `AcceptEngagementInvitation` API action. This action adds the partner to the engagement and grants access to full lead details, including customer contact information.

After acceptance:

- The partner is added as a member of the engagement
- Customer contact information becomes visible through the engagement Lead context
- The lead is classified as a Partner Qualified Lead (PQL) in AWS systems
- The lead appears in the partner's active leads list
- Partners can begin nurturing the lead and establishing customer contact

Partners can accept multiple lead invitations programmatically by calling `AcceptEngagementInvitation` for each invitation, enabling efficient bulk processing of high-quality leads.

Rejecting Lead Invitations

If a lead does not align with the partner's capabilities, capacity, or business focus, partners can decline the invitation using the `RejectEngagementInvitation` API action. When rejecting a lead invitation, partners should provide a rejection reason to help AWS improve lead routing and matching. Common rejection reasons include:

- Lack of geographic coverage
- Insufficient technical expertise for the use case
- Current capacity constraints
- Customer industry mismatch
- Budget misalignment

After rejection:

- The lead is removed from the partner's pending invitations queue
- Customer contact information is never shared with the partner
- The lead is classified as a Partner Rejected Lead (PRL) in AWS systems

- The invitation remains visible in the partner's rejected invitations list for reference

Rejected leads may be eligible for reassignment to other partners, provided customer consent requirements are met.

Managing Accepted Leads

After accepting a lead invitation, partners can access complete lead information, nurture customer relationships, and track the lead through qualification stages.

Viewing Lead Details

Partners access full lead details using the GetEngagement API action. The engagement contains a Lead context with comprehensive information about the customer and their interactions with AWS.

The Lead context includes:

Complete Customer Profile:

- All company information from the original invitation
- Full contact details for all customer interactions (name, email, phone, business title)
- AWS maturity level and market segment

Interaction History:

- Multiple customer touch-points consolidated into a single engagement
- Each interaction includes source information, customer action, business problem, and contact details
- Interactions are listed chronologically to provide a complete customer journey view

Qualification Status:

- Current state of lead qualification (Unqualified, Qualified, Disqualified, or custom status)
- Partners can update this status as they progress through their qualification process

This comprehensive view enables partners to understand the customer's complete engagement history across multiple AWS campaigns and touchpoints, rather than treating each interaction as a separate lead.

Listing Active Leads

Partners can retrieve all their active leads using the `ListEngagements` API action with the `contextType` filter set to `Lead`. This returns engagements where the partner is a member and the engagement contains a `Lead` context.

The list response includes key information such as:

- Engagement ID and title
- Customer company name
- Current engagement score
- Qualification status
- Number of interactions
- Creation and modification timestamps

Partners can use this list to build dashboards, track lead pipeline health, and identify leads requiring attention.

Updating Lead Information

As partners nurture leads and gather additional information, they can update lead details using the `UpdateEngagementContext` API action. This action allows partners to modify the `Lead` context within the engagement.

Partners can update:

Qualification Status: Partners should update the qualification status as they progress through their internal qualification process:

- **Unqualified:** Default status after accepting a lead; indicates the lead requires evaluation
- **Qualified:** Lead meets qualification criteria and shows high potential for conversion to an opportunity
- **Disqualified:** Lead does not meet criteria or is not a good fit for the partner's solutions
- **Custom States:** Partners can define their own qualification states to match their internal processes

Lead Metadata: Partners can add or update additional information relevant to their qualification and nurturing processes.

Updating qualification status helps partners track lead progression, generate accurate pipeline reports, and identify leads ready for conversion to opportunities.

Monitoring AWS Updates

AWS may update lead information based on new customer engagement signals or refined engagement scoring. When AWS updates the engagement, partners receive an Engagement Updated event via Amazon EventBridge.

These updates may include:

- Refined engagement scores based on new customer activity
- Additional customer interactions from new campaigns or touch-points
- Updated customer information

Partners should monitor these events and call `GetEngagement` to retrieve the latest lead details. This ensures partners have the most current information for prioritizing and nurturing leads.

The Engagement Updated event includes the `contextTypes` field, allowing partners to filter specifically for leads (engagements with Lead context).

Converting a Lead to an Opportunity

When a lead has been qualified and demonstrates serious buying intent, partners can convert it into an opportunity for formal co-selling collaboration with AWS. This conversion marks the transition from lead nurturing (primarily partner-driven) to opportunity management (collaborative with AWS).

Recommended Approach: Convenience API

Partners can streamline the opportunity creation and linking process by using the `StartOpportunityFromEngagementTask` convenience API action. This task API orchestrates multiple actions automatically:

1. Creates a draft opportunity with preliminary information from the lead context
2. Links the opportunity to the source engagement via resource snapshot
3. Adds the `CustomerProject` context to the engagement

This convenience method reduces the number of API calls required and ensures proper attribution tracking. Partners using this approach still need to:

- Complete opportunity details using `UpdateOpportunity`
- Associate Partner Solutions using `AssociateOpportunity`
- Submit the opportunity using `StartEngagementFromOpportunityTask` when ready

The convenience API is particularly useful for partners with automated lead-to-opportunity workflows who want to minimize integration complexity.

Alternative Approach: Step-by-step API

Creating a Draft Opportunity

The first step in converting a lead is creating a draft opportunity using the `CreateOpportunity` API action. This creates an opportunity with the `Lifecycle.ReviewStatus` set to `Pending Submission`. At this stage, the opportunity is not yet submitted to AWS for validation.

Partners should populate the opportunity with information gathered during lead nurturing, including:

- Customer account details
- Project information and business problem
- Expected customer spend
- Target close date
- Any other relevant details collected during qualification

The draft opportunity allows partners to prepare complete information before submitting to AWS, ensuring higher approval rates and faster validation.

Linking Opportunity to Lead Engagement

After creating the draft opportunity, partners must link it to the source lead engagement using the `CreateResourceSnapshot` API action. This step is critical for:

- **Attribution Tracking:** Establishes the provenance chain from lead invitation through opportunity closure, enabling accurate ROI calculation for marketing campaigns and lead sources.

- **Conversion Metrics:** Allows AWS and partners to measure lead-to-opportunity conversion rates and identify successful lead sources.
- **Context Preservation:** Maintains the complete customer journey history, including all original interactions and engagement signals.

When creating the resource snapshot, partners specify:

- The engagement ID (source lead engagement)
- The opportunity identifier
- The resource type (Opportunity)

This action automatically adds a `CustomerProject` context to the engagement, signaling that the lead has been converted to an active opportunity. The engagement now contains both the original `Lead` context (preserving history) and the new `CustomerProject` context (indicating active opportunity).

Completing Opportunity Details

Once the opportunity is created and linked, partners must complete additional opportunity requirements before submission. See the `AssociateOpportunity` API action for details.

Updating Project Details: Partners can use the `UpdateOpportunity` API action to refine project information, customer business problems, expected spend, and other relevant details gathered during lead qualification.

Submitting the Opportunity

Once all required information is complete, partners submit the opportunity for AWS validation using the `StartEngagementFromOpportunityTask` convenience API. This transitions the opportunity from draft status to the AWS review process.

Validation Requirement: The engagement must have a `CustomerProject` context before submission. This context is automatically created when using `CreateResourceSnapshot` to link the opportunity to the engagement. If this context is missing, the submission will fail.

After submission:

- The opportunity's `Lifecycle.ReviewStatus` changes to `Submitted`

- The lead is classified as a Partner Sales Qualified Lead (PSQL) in AWS systems
- AWS begins validation to ensure opportunity details are accurate and complete
- No changes can be made to the opportunity until the review process is complete

The opportunity then follows the standard validation workflow described in the "Working with your opportunities" documentation, progressing through states such as In-Review, Action Required, Approved, or Disqualified.

Working with deal sizing insights

What is Deal Sizing?

Deal Sizing is a capability within the APN Customer Engagements (ACE) Opportunities in AWS Partner Central that uses AI to provide automated deal size estimates and AWS service recommendations when Partners create or update opportunities.

AI forecasted MRR estimates

Deal sizing insights provide the median of the forecasted monthly recurring revenue (MRR) ranges based on Partners' historical AWS opportunities, use cases, and business descriptions. Partners should review and update the total MRR as Partners gather more information about the deal and progress through the sales cycle.

AI-Recommended AWS Products

AI-recommended products are identified based on customer business problem descriptions and opportunity details. The AI recommends relevant AWS products aligned with technical requirements and use cases. Partners should review these suggestions and customize the product selection to match the customer's specific needs.

Enhanced Insights with Pricing Calculator URLs

Partners can also import AWS Pricing Calculator URLs to automatically populate service selections and receive enhanced insights including Migration Acceleration Program (MAP) eligibility indicators, optimization recommendations, and potential cost savings analysis.

Understanding Source-Separated Data

Deal Sizing provides insights from two separate sources to give you comprehensive visibility into opportunity value:

- **AWS Source:** AI-recommended products based on patterns from similar historical opportunities
- **Partner Source:** Your own estimates imported from AWS Pricing Calculator

Handling Variance Between Sources

When partner-provided estimates differ significantly from AWS recommendations, Partners should:

1. Review opportunity details to ensure all relevant information is captured
2. Verify Pricing Calculator URL configurations match actual requirements
3. Consider AWS recommendations as data points informed by similar historical opportunities
4. Make informed decisions based on specific customer context and requirements

Accessing Deal Sizing Insights

Partners access Deal Sizing data through the `GetAwsOpportunitySummary` API action, which returns an extended `AwsOpportunitySummary` object containing deal sizing forecasts, product recommendations, and optimization insights.

When Deal Sizing Data Becomes Available

Deal Sizing insights become available after an opportunity is created with sufficient customer and project details. The system analyzes the opportunity attributes and generates:

1. **AI forecasted MRR:** Automatically calculated based on opportunity characteristics
2. **AWS product recommendations:** Services relevant to the customer's business problem and technical requirements
3. **Enhanced insights (when Pricing Calculator URL provided):** MAP eligibility, optimization recommendations, and cost savings analysis

Note

Deal Sizing insights are not available for all opportunities. Eligibility depends on factors such as partner history and the completeness of opportunity details provided.

Providing Deal Sizing Inputs

Partners provide inputs for Deal Sizing through the `CreateOpportunity` and `UpdateOpportunity` API actions. The system uses opportunity attributes to generate recommendations.

Providing Total Contract Value (TCV)

Partners who estimate in Total Contract Value rather than Monthly Recurring Revenue can provide their deal value directly. AWS automatically converts TCV to AWS MRR using AI-powered conversion models.

For deal sizing in TCV, provide `ExpectedContractDuration` as Months (valid values range from 1 to 144 months) and `TargetCompany` as Self and Frequency as None.

```
{
  "Project": {
    "ExpectedContractDuration": { "Term": "Months", "Value": "36" },
    "ExpectedCustomerSpend": [
      {
        "Amount": "1200000.00",
        "CurrencyCode": "USD",
        "Frequency": "None",
        "TargetCompany": "Self"
      }
    ]
  }
}
```

AWS derives the AWS MRR estimate and returns both entries on `GetOpportunity`:

```
{
  "Project": {
    "ExpectedContractDuration": { "Term": "Months", "Value": "36" },
    "ExpectedCustomerSpend": [
      {
        "Amount": "5600.00",
        "CurrencyCode": "USD",
        "Frequency": "Monthly",
        "TargetCompany": "AWS"
      },
      {

```

```

        "Amount": "1200000.00",
        "CurrencyCode": "USD",
        "Frequency": "None",
        "TargetCompany": "Self"
    }
]
}
}

```

In above example the ExpectedCustomerSpend first array contains the AWS MRR estimate (TargetCompany: "AWS", Frequency: "Monthly") and second array is the partner's Total Contract Value (TargetCompany: "Self", Frequency: "None").

TCV Validation Rules

All TCV validation errors return error code `INVALID_VALUE` with Reason: `"BUSINESS_VALIDATION_FAILED"`. The distinguishing factor is the `FieldName` and `Message`:

Condition	Field	Message
Self entry without ExpectedContractDuration	<code>project.expectedContractDuration</code>	ExpectedContractDuration is required when a Self entry is present
ExpectedContractDuration without Self entry (Create only)	<code>project.expectedCustomerSpend</code>	A Self entry is required when ExpectedContractDuration is present
Multiple Self entries	<code>project.expectedCustomerSpend</code>	Only one Self entry is allowed
Invalid TargetCompany when duration present	<code>project.expectedCustomerSpend.targetCompany</code>	TargetCompany must be 'AWS' or 'Self'
Currency mismatch between AWS and Self	<code>project.expectedCustomerSpend.currencyCode</code>	CurrencyCode must match between entries

Condition	Field	Message
Self entry + EstimationUrl together	<code>project.expectedCustomerSpend.estimationUrl</code>	Self entry and EstimationUrl cannot coexist

Note

On `UpdateOpportunity`, if `ExpectedContractDuration` is present without a Self entry but partner deal value exists in storage, the system reconstructs the Self entry automatically — no error is thrown.

Switching Between TCV and Manual MRR

To switch from TCV mode back to manual MRR, explicitly set `ExpectedContractDuration` to `null` and provide only an AWS entry:

```
{
  "Project": {
    "ExpectedContractDuration": null,
    "ExpectedCustomerSpend": [
      {
        "Amount": "8000.00",
        "CurrencyCode": "USD",
        "Frequency": "Monthly",
        "TargetCompany": "AWS"
      }
    ]
  }
}
```

Note

Omitting `ExpectedContractDuration` from the payload (not sending the field) means “no change” — the existing TCV data is preserved. Explicitly sending `null` means “clear TCV mode.”

TCV and Pricing Calculator URLs

If a partner provides both a `Self` entry (TCV mode) and an `EstimationUrl`, the API returns a validation error. `Self` entry and `EstimationUrl` cannot coexist in the same request.

Providing Manual MRR Estimates

Partners can manually enter MRR estimates using the `Project.ExpectedCustomerSpend[].Amount` field:

Note

The `CurrencyCode` field accepts USD and EUR. If the AWS Partition is `aws-eusc` (AWS European Sovereign Cloud), the currency code must be EUR.

```
{
  "Project": {
    "ExpectedCustomerSpend": [
      {
        "Amount": "25000.00",
        "CurrencyCode": "USD",
        "Frequency": "Monthly",
        "TargetCompany": "AWS"
      }
    ]
  }
}
```

This field is available to all Partners and can be used to accept AI forecasts by setting the same value or to override with Partner-provided values.

Providing Pricing Calculator URLs

Partners can optionally provide AWS Pricing Calculator URLs via the `Project.ExpectedCustomerSpend[].EstimationUrl` field to automatically import service configurations and receive enhanced insights including MAP eligibility indicators, optimization recommendations, and cost savings analysis.

```
{
  "Project": {
```

```
    "ExpectedCustomerSpend": [
      {
        "Amount": null,
        "CurrencyCode": "USD",
        "EstimationUrl": "https://calculator.aws/#/estimate?id=abc123",
        "Frequency": "Monthly",
        "TargetCompany": "AWS"
      }
    ]
  }
}
```

When a valid Pricing Calculator URL is provided, the system automatically calculates the MRR amount from the calculator configuration and populates both the Amount field and detailed product-level spend data in the Partner source of `AwsProductsSpendInsightsBySource`. Partners should set Amount to null when supplying an EstimationUrl - the system will calculate it automatically.

URLs in invalid formats and URLs that cannot be resolved will be rejected with a `ValidationException`.

How Amount and EstimationUrl Work Together

You have flexibility in how you provide monthly recurring revenue (MRR) estimates for opportunities. The API intelligently handles various combinations of manual amounts and AWS Pricing Calculator URLs to ensure that your opportunities can always be created successfully.

Using only a manual amount

When you provide only the Amount field, the API saves your manual estimate and sets EstimationUrl to null. This approach is useful when you have a specific MRR estimate from customer conversations or your own calculations.

Example request:

```
{
  "Project": {
    "ExpectedCustomerSpend": [{
      "Amount": "25000.00",
      "CurrencyCode": "USD",
      "Frequency": "Monthly",
      "TargetCompany": "AWS"
    }]
  }
}
```

```
}  
}
```

Using only an AWS Pricing Calculator URL

When you provide only the EstimationUrl field:

- **Valid URL** – The API calculates the MRR amount from your calculator configuration and saves both the URL and calculated amount.
- **Invalid URL** – The API returns a ValidationException with details about why the URL is invalid.

Example request:

```
{  
  "Project": {  
    "ExpectedCustomerSpend": [{  
      "EstimationUrl": "https://calculator.aws/#/estimate?id=abc123",  
      "CurrencyCode": "USD",  
      "Frequency": "Monthly",  
      "TargetCompany": "AWS"  
    }]  
  }  
}
```

Example error response (invalid URL):

```
{  
  "ErrorList": [{  
    "Code": "INVALID_VALUE",  
    "FieldName": "project.expectedCustomerSpend.estimationUrl",  
    "Message": "Invalid Estimation URL: https://calculator.aws/#/estimate?id=invalid"  
  }],  
  "Message": "The provided Estimation URL is invalid",  
  "Reason": "INVALID_VALUE"  
}
```

Providing both Amount and EstimationUrl

When you provide both fields, the API prioritizes ensuring that your opportunity is created successfully:

1. If both values are unchanged – no update is performed on these fields
2. URL is invalid – The API saves your provided Amount and sets EstimationUrl to null, allowing your opportunity creation to proceed.
3. URL is valid and calculated amount matches your provided Amount – Both values are saved.
4. URL is valid but calculated amount doesn't match your provided Amount – The API saves your provided Amount and sets EstimationUrl to null without returning an error.

Note

When both values don't match existing ones, the API first attempts to calculate the amount from the URL. Your manually provided Amount always takes precedence when there's a mismatch or validation issue.

Key benefit: Invalid URLs never block opportunity creation

This approach ensures that invalid or inaccessible AWS Pricing Calculator URLs never prevent you from creating or updating opportunities. Your manually provided Amount always takes precedence when there's a conflict or validation issue, giving you full control over your opportunity data.

Understanding the Extended AwsOpportunitySummary Data Model

This section describes the response structure returned by the GetAwsOpportunitySummary API action.

Note

AI-forecasted MRR is returned in `Project.ExpectedCustomerSpend[] .Amount`

The GetAwsOpportunitySummary API action returns deal sizing insights through the new `Insights.AwsProductsSpendInsightsBySource` structure that provides comprehensive spend analysis with source attribution.

Source Separation: AWS vs Partner Data

Deal Sizing separates insights by source to provide transparency and prevent double-counting:

- **AWS Source:** AI product recommendations from AWS

- **Partner Source:** Spend data and product details imported from partner-provided Pricing Calculator URLs

This separation enables Partners to:

1. Compare their estimates against AWS recommendations
2. Validate their sizing assumptions
3. Avoid inflating totals by accidentally combining both sources
4. Maintain visibility into data provenance

Structure Overview

```
{
  "Insights": {
    "AwsProductsSpendInsightsBySource": {
      "<AWS | Partner>": {
        "CurrencyCode": "string",
        "Frequency": "string",
        "TotalAmount": "string",
        "TotalOptimizedAmount": "string",
        "TotalPotentialSavingsAmount": "string",
        "TotalAmountByCategory": { },
        "AwsProducts": [ ]
      }
    }
  },
  "Project": {
    "ExpectedCustomerSpend": [ ]
  },
  "RelatedEntityIds": {
    "AwsProducts": [ ]
  }
}
```

Field Reference

AwsProductsSpendInsightsBySource Map

Source-separated spend insights that provide independent analysis for AWS recommendations and partner estimates.

The `Insights.AwsProductsSpendInsightsBySource` field is a map containing up to two keys:

Key	Type	Description
AWS	AwsProductsSpendInsights	AI-generated insights including recommended products from AWS
Partner	AwsProductsSpendInsights	Partner-sourced insights derived from Pricing Calculator URLs including detailed service costs and optimizations

 Note

Only sources with available data are included in the response. New opportunities typically start with only the AWS source populated.

AwsProductInsights Object

Comprehensive spend analysis for a single source (AWS or Partner) including total amounts, optimization savings, program category breakdowns, and detailed product-level insights.

Each source object contains the following fields:

Field	Type	Description
CurrencyCode	string	ISO 4217 currency code. Supported values are "USD" and "EUR".
Frequency	string	Indicates how frequently the customer is expected to spend the projected amount. Only the value Monthly is

Field	Type	Description
		allowed for the Frequency field, representing recurring monthly spend.
TotalAmount	string	Total estimated spend for this source before optimizations
TotalOptimizedAmount	string	Total estimated spend after applying recommended optimizations
TotalPotentialSavingsAmount	string	Quantified savings achievable through implementing optimizations
TotalAmountByCategory	object	Spend amounts mapped to AWS programs and modernization pathways
AwsProducts	array	Product-level details including costs and optimization recommendations

Current State Limitation: For the AWS source, TotalAmount, TotalOptimizedAmount, and TotalPotentialSavingsAmount may be omitted when per-product spend recommendations are not available. Partners should reference `Project.ExpectedCustomerSpend[] .Amount` for the total AWS MRR estimate in these cases.

TotalAmountByCategory Object

Maps spend amounts to AWS programs and strategic initiatives:

Category Key	Description
MAP Eligible	Spend on services eligible for Migration Acceleration Program funding

Category Key	Description
CAT Eligible	Services supporting cost allocation and tracking
Pathway - Move to Cloud Native	Services aligned with cloud-native modernization
Pathway - Move to Managed Services	Services supporting managed service adoption
Pathway - Move to Open Source	Open source service alternatives
Pathway - Move to Containers	Container-based service options
Pathway - Move to Serverless	Serverless computing services
Pathway - Move to Databases	Database modernization services
Pathway - Move to Analytics	Analytics and data processing services

Note

Total category amounts may exceed TotalAmount because individual products can belong to multiple categories.

AwsProducts Array

List of AWS services with program eligibility indicators (MAP, modernization pathways), cost estimates, and optimization recommendations.

Each product object contains:

Field	Type	Required	Description
ProductCode	string	Yes	AWS Partner Central product identifier used for opportunity association

Field	Type	Required	Description
ServiceCode	string	No	Pricing Calculator service code (links to original calculator URL)
Categories	array	Yes	List of program and pathway categories this product is eligible for
Amount	string	No	Baseline service cost before optimizations (may be null for AWS-sourced recommendations)
OptimizedAmount	string	No	Service cost after applying optimizations (may be null for AWS-sourced recommendations)
PotentialSavingsAmount	string	No	Service-specific cost reduction through optimizations (may be null for AWS-sourced recommendations)
Optimizations	array	No	List of specific optimization recommendations for this product

Null Handling: For AWS-sourced products, Amount, OptimizedAmount, and PotentialSavingsAmount fields may be null when per-product spend recommendations are not

available. The system provides total MRR via `Project.ExpectedCustomerSpend[0].Amount` instead.

Optimization Object

Each optimization recommendation contains:

Field	Type	Description
Description	string	Human-readable explanation of the optimization strategy
SavingsAmount	string	Quantified cost savings achievable by implementing this optimization

Examples

Example 1: AWS recommendations Only (Current State)

This example shows the typical response when only AI recommendations are available and per-product spend amounts cannot yet be recommended.

```
{
  "Catalog": "AWS",
  "Insights": {
    "AwsProductsSpendInsightsBySource": {
      "AWS": {
        "CurrencyCode": "USD",
        "Frequency": "Monthly",
        "AwsProducts": [
          {
            "ProductCode": "AmazonEC2",
            "Categories": ["MAP Eligible", "Cost Allocation Tagging"],
            "Amount": null,
            "OptimizedAmount": null,
            "PotentialSavingsAmount": null,
            "Optimizations": []
          },
          {

```

```

        "ProductCode": "AWSLambda",
        "Categories": ["Cost Allocation Tagging", "Pathway - Move to Cloud
Native"],
        "Amount": null,
        "OptimizedAmount": null,
        "PotentialSavingsAmount": null,
        "Optimizations": []
    },
    {
        "ProductCode": "AmazonRDS",
        "Categories": ["MAP Eligible", "Cost Allocation Tagging", "Pathway - Move
to Managed Services"],
        "Amount": null,
        "OptimizedAmount": null,
        "PotentialSavingsAmount": null,
        "Optimizations": []
    }
]
}
},
"Project": {
    "ExpectedCustomerSpend": [
        {
            "Amount": "28000.00",
            "CurrencyCode": "USD",
            "EstimationUrl": null,
            "Frequency": "Monthly",
            "TargetCompany": "AWS"
        }
    ]
},
"RelatedEntityIds": {
    "AwsProducts": [
        "AmazonEC2",
        "AWSLambda",
        "AmazonRDS"
    ]
}
}

```

Key Points: AWS source shows recommended products with categories but no per-product amounts. Total MRR estimate available via `Project.ExpectedCustomerSpend[].Amount`.

Example 2: Partner Pricing Calculator Import

This example shows enhanced insights when a partner has provided a valid Pricing Calculator URL.

```
{
  "Catalog": "AWS",
  "Insights": {
    "AwsProductsSpendInsightsBySource": {
      "Partner": {
        "CurrencyCode": "USD",
        "Frequency": "Monthly",
        "TotalAmount": "32500.00",
        "TotalOptimizedAmount": "30000.00",
        "TotalPotentialSavingsAmount": "2500.00",
        "TotalAmountByCategory": {
          "MAP Eligible": "22500.00",
          "Cost Allocation Tagging": "32500.00",
          "Pathway - Move to Cloud Native": "5000.00",
          "Pathway - Move to Managed Services": "7500.00"
        }
      },
      "AwsProducts": [
        {
          "ServiceCode": "ec2",
          "Categories": ["MAP Eligible", "Cost Allocation Tagging"],
          "Amount": "15000.00",
          "OptimizedAmount": "13500.00",
          "PotentialSavingsAmount": "1500.00",
          "Optimizations": [
            {
              "Description": "Convert to 3-year reserved instances",
              "SavingsAmount": "1000.00"
            },
            {
              "Description": "Migrate to Graviton-based instances",
              "SavingsAmount": "500.00"
            }
          ]
        },
        {
          "ServiceCode": "lambda",
          "Categories": ["Cost Allocation Tagging", "Pathway - Move to Cloud Native"],
          "Amount": "5000.00",
          "OptimizedAmount": "5000.00",
```

```

        "PotentialSavingsAmount": "0.00",
        "Optimizations": []
    },
    {
        "ServiceCode": "AmazonRDS",
        "Categories": ["MAP Eligible", "Cost Allocation Tagging", "Pathway - Move
to Managed Services"],
        "Amount": "7500.00",
        "OptimizedAmount": "6500.00",
        "PotentialSavingsAmount": "1000.00",
        "Optimizations": [
            {
                "Description": "Optimize Multi-AZ for dev/test environments",
                "SavingsAmount": "1000.00"
            }
        ]
    },
    {
        "ServiceCode": "AmazonS3",
        "Categories": ["MAP Eligible", "Cost Allocation Tagging"],
        "Amount": "5000.00",
        "OptimizedAmount": "5000.00",
        "PotentialSavingsAmount": "0.00",
        "Optimizations": []
    }
]
}
},
"Project": {
    "ExpectedCustomerSpend": [
        {
            "Amount": "32500.00",
            "CurrencyCode": "USD",
            "EstimationUrl": "https://calculator.aws/#/estimate?id=abc123",
            "Frequency": "Monthly",
            "TargetCompany": "AWS"
        }
    ]
},
"RelatedEntityIds": {
    "AwsProducts": []
}

```

```
}
```

Key Points: Partner source contains complete spend details with per-product amounts. Optimization recommendations provide actionable cost reduction strategies. Category breakdowns show MAP eligibility (\$22,500 of \$32,500 total). Products include ServiceCode linking back to Pricing Calculator configuration.

Example 3: Both Sources Present (Comparison Scenario)

This example demonstrates how both AWS recommendations and partner estimates appear together, enabling comparison.

```
{
  "Catalog": "AWS",
  "Insights": {
    "AwsProductsSpendInsightsBySource": {
      "AWS": {
        "CurrencyCode": "USD",
        "Frequency": "Monthly",
        "AwsProducts": [
          {
            "ProductCode": "AmazonEC2",
            "Categories": ["MAP Eligible", "Cost Allocation Tagging"],
            "Amount": null,
            "OptimizedAmount": null,
            "PotentialSavingsAmount": null,
            "Optimizations": []
          },
          {
            "ProductCode": "AWSLambda",
            "Categories": ["Cost Allocation Tagging", "Pathway - Move to Cloud
Native"],
            "Amount": null,
            "OptimizedAmount": null,
            "PotentialSavingsAmount": null,
            "Optimizations": []
          },
          {
            "ProductCode": "EBS",
            "Categories": ["MAP Eligible", "Cost Allocation Tagging"],
            "Amount": null,
            "OptimizedAmount": null,
            "PotentialSavingsAmount": null,
```

```

        "Optimizations": []
    },
    {
        "ProductCode": "RDS",
        "Categories": ["MAP Eligible", "Cost Allocation Tagging", "Pathway - Move
to Managed Services"],
        "Amount": null,
        "OptimizedAmount": null,
        "PotentialSavingsAmount": null,
        "Optimizations": []
    }
]
},
"Partner": {
    "CurrencyCode": "USD",
    "Frequency": "Monthly",
    "TotalAmount": "32500.00",
    "TotalOptimizedAmount": "30000.00",
    "TotalPotentialSavingsAmount": "2500.00",
    "TotalAmountByCategory": {
        "MAP Eligible": "22500.00",
        "Cost Allocation Tagging": "32500.00",
        "Pathway - Move to Cloud Native": "5000.00",
        "Pathway - Move to Managed Services": "7500.00"
    },
},
"AwsProducts": [
    {
        "ServiceCode": "ec2",
        "Categories": ["MAP Eligible", "Cost Allocation Tagging"],
        "Amount": "15000.00",
        "OptimizedAmount": "13500.00",
        "PotentialSavingsAmount": "1500.00",
        "Optimizations": [
            {
                "Description": "Convert to 3-year reserved instances",
                "SavingsAmount": "1000.00"
            }
        ]
    },
    {
        "ServiceCode": "lambda",
        "Categories": ["Cost Allocation Tagging", "Pathway - Move to Cloud
Native"],
        "Amount": "5000.00",

```

```

        "OptimizedAmount": "5000.00",
        "PotentialSavingsAmount": "0.00",
        "Optimizations": []
    },
    {
        "ServiceCode": "amazonRDS",
        "Categories": ["MAP Eligible", "Cost Allocation Tagging", "Pathway - Move
to Managed Services"],
        "Amount": "7500.00",
        "OptimizedAmount": "6500.00",
        "PotentialSavingsAmount": "1000.00",
        "Optimizations": [
            {
                "Description": "Optimize Multi-AZ for dev/test environments",
                "SavingsAmount": "1000.00"
            }
        ]
    },
    {
        "ServiceCode": "amazonS3",
        "Categories": ["MAP Eligible", "Cost Allocation Tagging"],
        "Amount": "5000.00",
        "OptimizedAmount": "5000.00",
        "PotentialSavingsAmount": "0.00",
        "Optimizations": []
    }
]
}
},
"Project": {
    "ExpectedCustomerSpend": [
        {
            "Amount": "28000.00",
            "CurrencyCode": "USD",
            "EstimationUrl": "https://calculator.aws/#/estimate?id=abc123",
            "Frequency": "Monthly",
            "TargetCompany": "AWS"
        }
    ]
},
"RelatedEntityIds": {
    "AwsProducts": [
        "AmazonEC2",

```



```
        "AWSLambda",
        "EBS",
        "RDS"
    ]
}
```

Key Points: Both sources present: AWS recommendations (\$28K total) and Partner calculator (\$32.5K total). AWS recommendations show 4 products; Partner calculator shows 4 products (3 overlapping). Partners can compare AWS recommendations against their detailed estimates. AWS total available via `Project.ExpectedCustomerSpend[] .Amount`.

Best Practices

Handling Null Values

1. **EstimationUrl Field:** Expect `EstimationUrl` to be null for most Partners. This is standard behavior and should not be treated as an error. Display manual MRR entry options as the primary path.
2. **Missing Categories:** If `TotalAmountByCategory` is not present for the AWS source, this indicates per-product recommendations are not available. Category breakdowns are available for Partner-sourced data when Pricing Calculator URLs are provided.

Optimization Recommendations

1. **Display Actionable Insights:** Show optimization descriptions and savings amounts prominently to help Partners understand cost reduction opportunities.
2. **Aggregate Savings:** Sum `PotentialSavingsAmount` across products to show total optimization potential.
3. **Prioritize by Impact:** Sort optimizations by `SavingsAmount` to help Partners focus on highest-impact recommendations.

Monitoring for Updates

1. **Poll Periodically:** Poll `GetAwsOpportunitySummary` periodically (recommended: every 5 minutes) during opportunity creation workflows.
2. **Handle Async Generation:** Deal Sizing insights may not be immediately available after opportunity creation. Implement appropriate loading states and retry logic.

API Integration Patterns

1. **Leverage Existing Integrations:** Partners already calling `GetAwsOpportunitySummary` only need to consume additional fields in the response—no new API calls required.
2. **Graceful Degradation:** Design UIs to handle scenarios where Deal Sizing data is not yet available or incomplete.

Data Quality and Accuracy

1. **Validate Pricing Calculator URLs:** Ensure URLs are valid before submission to avoid null `EstimationUrl` responses.
2. **Provide Rich Opportunity Details:** More complete opportunity information (customer details, project description, technical requirements) yields more accurate AI recommendations.
3. **Review Variance:** When partner estimates differ significantly from AWS recommendations, review opportunity details to ensure all relevant context is captured.

Best practices

Reacting to events

When handling events from AWS Partner Central API, ensure that your processing logic is idempotent to handle duplicate events. Instead of making immediate [GetOpportunity](#) calls for each event, consider batching or selectively fetching details based on your application's needs. For uninterrupted operations, beware of [Quotas](#).

Implementing optimistic locking

Optimistic locking prevents unintended data overrides during concurrent updates. Here's a typical scenario:

1. Partner retrieves an opportunity from their CRM system.
2. User A updates the opportunity on AWS Partner Central.
3. User B updates the same opportunity at the same time through the CRM integration.
4. If the data changes, the CRM system attempts to upload the data but returns a `ConflictException`.
5. User reviews the error and manually resolves conflicting data.

To avoid this scenario, all [UpdateOpportunity](#) requests must include the `LastModifiedDate` parameter, which you can obtain from previous [CreateOpportunity](#), [UpdateOpportunity](#), and [GetOpportunity](#) actions. The update succeeds only if `LastModifiedDate` matches our system. If it doesn't, you must fetch the latest `LastModifiedDate` using [GetOpportunity](#) and reattempt the update.

Synchronizing data between CRM and AWS Partner Central

It is essential to keep your system synced with the latest data from Partner Central. The following are two strategies to ensure your system reflects the latest data:

Using events (recommended)

1. Load data using [ListOpportunities](#).
2. Subscribe to opportunity events.
3. Respond to new opportunities or changes.
 - When you receive `Opportunity Created`, `Opportunity Updated`, or `Engagement Invitation Accepted` events, use `GetOpportunity` to fetch the latest data.
 - When you receive `Engagement Invitation Rejected` events, remove the corresponding opportunities.

Using `ListOpportunities` polling

1. Load data using [ListOpportunities](#).
2. Choose a polling frequency, ensuring it is not too frequent to avoid exhausting your daily [read quota](#).
3. Identify the latest `LastModifiedDate` from your stored data, ensuring it originates from AWS.
4. Use the timestamp in the `AfterLastModifiedDate` filter when calling [ListOpportunities](#).

```
{
  "FilterList": [
    {
      "Name": "AfterLastModifiedDate",
      "ValueList": [ "2023-05-01T20:37:46Z" ] // Replace with actual timestamp
of your last synced data
    }
  ]
}
```

5. AWS will return opportunities created or updated after the value indicated on the timestamp.
6. Iterate over all returned pages using NextToken, and update your system's data using [GetOpportunity](#).

```
{
  "NextToken": "AAMA-EFRSN...PZa942D",
  "FilterList": [
    {
      "Name": "AfterLastModifiedDate",
      "ValueList": [ "2023-05-01T20:37:46Z" ] // Replace with actual timestamp
of your last synced data
    }
  ]
}
```

Using the AWS Partner Central Benefits API

The AWS Partner Central Benefits API streamlines how partners discover, apply for, and manage benefits across all AWS Partner Programs. By centralizing benefit management into a single, intuitive interface, the service creates a transparent meritocracy that rewards partners while simplifying operations.

The API provides standard AWS API functionality. Access it by either using API [Actions](#) or by using an AWS SDK that's tailored to your programming language or platform. For more information, see [Getting Started with AWS](#) and [Tools to Build on AWS](#).

What is a Benefit?

In the AWS Partner Network (APN), a Benefit represents an advantage or capability that a partner may obtain from AWS to support their business growth and customer success. Benefits are designed to reward partners based on their qualifications and contributions while providing tangible value that helps partners scale their AWS practices.

Benefits can take many forms, including:

- **Financial incentives** - Credits, cash disbursements, and funding programs like Migration Acceleration Program (MAP) or Marketing Development Funds (MDF)
- **Access benefits** - Preview access to new services, tools, or specialized resources

- **Recognition** - Digital badges, certifications, competency designations, and partner tier status
- **Technical resources** - Solution architecture assistance, technical support, and ProServe engagements
- **Marketing support** - Co-marketing opportunities, featured partner status, and success story publications

Discovering Available Benefits

Partners begin their benefit journey by discovering what benefits are available to them and understanding eligibility requirements. The Benefits API provides comprehensive discovery capabilities through the Benefit Discovery APIs.

Listing Available Benefits

Partners can view all available benefits using the `ListBenefits` API action. This action retrieves a catalog of benefits with optional filtering capabilities to help partners find relevant opportunities quickly.

To efficiently discover benefits, partners can filter by:

- **Program** - Filter by specific AWS partner programs such as MAP (Migration Acceleration Program), MDF (Marketing Development Funds), ISV Workload Migration, Innovation Sandbox, Proof of Concept, or Partner Initiative Funding
- **Fulfillment Type** - Filter by how benefits are delivered: CREDITS, CASH, DISCOUNT, ACCESS, RECOGNITION, or RESOURCE
- **Status** - Filter by benefit status: ACTIVE or DEPRECATED

The `ListBenefits` API returns benefit summaries containing essential information such as benefit ID, name, description, associated programs, and fulfillment types. This summary view allows partners to quickly scan available benefits and identify those most relevant to their business objectives.

Example filtering approach:

Partners focused on financial incentives might filter by fulfillment types CREDITS and CASH to see funding opportunities. Partners seeking technical enablement might filter by fulfillment type RESOURCE or ACCESS to find technical support benefits and tool access.

Viewing Detailed Benefit Information

Once a partner identifies a benefit of interest, they can retrieve complete details using the `GetBenefit` API action. This provides comprehensive information including:

- **Eligibility criteria** - Detailed requirements that partners must meet to qualify for the benefit
- **Benefit request schema** - The specific information and documentation partners need to provide when applying
- **Grant details** - What partners will receive upon approval
- **Associated programs** - Which AWS partner programs the benefit supports

The benefit request schema is particularly important as it defines the structure and required fields for benefit applications. Partners should review this schema carefully before creating a benefit application to ensure they gather all necessary information upfront.

Important

Eligibility determination for each benefit is handled by the client or UI layer. For funding-related benefits, eligibility is typically based on the partner's scorecard performance and program participation.

Topics

- [Working with Benefit Applications](#)
- [Working with Benefit Allocations](#)

Working with Benefit Applications

A Benefit Application models a partner's request for a specific benefit. It captures all information needed to evaluate and process the request according to benefit-specific conditions. The benefit application lifecycle progresses through multiple states from draft creation to final approval or rejection.

Creating Benefit Applications

Partners initiate the benefit request process by creating a benefit application using the `CreateBenefitApplication` API action. At creation, the application enters

PENDING_SUBMISSION status, allowing partners to prepare complete information before submitting for review.

When creating a benefit application, partners must provide:

- **Benefit Identifier** - The ID or ARN of the benefit being requested
- **Fulfillment Types** - How the partner expects to receive the benefit (CREDITS, CASH, DISCOUNT, ACCESS, RECOGNITION, or RESOURCE)
- **Benefit Application Details** - A JSON document containing benefit-specific information as defined by the benefit's request schema
- **Client Token** - A unique idempotency token to prevent duplicate submissions

Partners can optionally provide:

- **Name and Description** - Human-readable identifiers for the application
- **Partner Contacts** - Contact information for the person managing this benefit request (maximum 1 contact)
- **File Attachments** - Supporting documentation such as project plans, SOWs, proof of cost, or customer satisfaction surveys (maximum 10 files)
- **Associated Resources** - Links to related opportunities or existing benefit allocations (maximum 10 resources)
- **Tags** - Key-value pairs for resource organization and tracking (maximum 200 tags)

The `CreateBenefitApplication` API performs soft validation, checking only basic field types and patterns. Full business logic validation occurs during submission, allowing partners to save incomplete applications and return later to complete them.

Best Practice: Partners should use the benefit request schema from `GetBenefit` to understand exactly what information is required before creating an application. This reduces the likelihood of submission failures due to missing or invalid data.

Updating Benefit Applications

Partners can modify draft benefit applications using the `UpdateBenefitApplication` API action. This allows partners to refine information, add documentation, or correct errors before submission.

When updating a benefit application, partners must provide:

- **Identifier** - The ID or ARN of the benefit application to update
- **Revision** - The current revision number for optimistic locking
- **Benefit Application Details** - The complete, updated JSON document

Partners must submit the complete benefit application object, even if only specific fields are changing. The best practice is to first retrieve the latest application details using `GetBenefitApplication`, modify the necessary fields, then submit the full updated payload to `UpdateBenefitApplication`.

Optimistic Locking: The revision field ensures that updates are applied only if the application hasn't changed since it was last retrieved. If the revision doesn't match the current database value, the update is rejected with a conflict error. This prevents partners from accidentally overwriting changes made by other processes or systems.

Updates can only be performed while the application is in `PENDING_SUBMISSION` status. Once submitted, applications enter the review process and can no longer be updated through this API.

Associating Resources with Benefit Applications

Partners can link benefit applications to related resources using the `AssociateBenefitApplicationResource` API action. This creates valuable connections between benefits and the business context in which they're being used.

Supported resource types include:

- **OPPORTUNITY** - Link the benefit application to a specific customer opportunity in . This is particularly useful for opportunity-specific benefits like MAP funding or POC credits tied to customer engagements.
- **BENEFIT_ALLOCATION** - Link to existing benefit allocations, enabling partners to chain benefits or demonstrate how previous benefits are being leveraged

Resource association can only occur before submission. Once a benefit application is submitted (status changes to `IN_REVIEW`), no further associations are allowed. Partners can associate up to 10 resources with each benefit application.

To disassociate a resource, partners use the `DisassociateBenefitApplicationResource` API action. Like association, disassociation can only occur in `PENDING_SUBMISSION` status.

⚠ Important

Partners must have appropriate permissions to both access the benefit application and read the specific resource being associated. The API validates these permissions during the association operation.

Submitting Benefit Applications

When a benefit application is complete and ready for AWS review, partners submit it using the `SubmitBenefitApplication` API action. Submission triggers a state transition from `PENDING_SUBMISSION` to `IN_REVIEW` and initiates the benefit-specific approval workflow.

Upon submission, the API performs comprehensive validation including:

- **Required fields validation** - Ensures all mandatory fields in the benefit application details are present
- **Field format validation** - Verifies that field values match expected patterns and data types
- **Business rule validation** - Applies benefit-specific business logic and constraints
- **Resource validation** - Confirms that all associated resources are valid and accessible
- **File validation** - Verifies that all file attachments have completed processing successfully

If validation fails, the API returns a `ValidationException` with detailed error codes and messages indicating which fields require correction. Partners must address these issues using `UpdateBenefitApplication` before attempting submission again.

File Processing Requirement: Benefit applications cannot be submitted if any attached files are still in `PENDING` status. Partners must wait for file processing to complete (status changes to `SUCCEEDED`) before submitting. If files fail processing (status `FAILED`), partners should upload corrected versions.

After successful submission:

- The application status changes to `IN_REVIEW`
- The benefit owner's team is notified of the new submission
- Partners can no longer modify application details through standard update APIs

- The application enters a defined approval workflow which may include business approval, technical approval, and finance approval stages

Partners can track submission progress by retrieving the application and monitoring the Stage field, which indicates the current approval stage (e.g., "Business Approval", "Tech Approval", "Finance Approval").

Managing Submitted Applications

Once submitted, partners have limited options for managing benefit applications, but the API provides specific actions for common scenarios.

Recalling Benefit Applications

If a partner discovers an error or needs to make changes after submission, they can recall the application using the `RecallBenefitApplication` API action. Recall transitions the application back to `PENDING_SUBMISSION` status, allowing updates and resubmission.

When recalling an application, partners should provide:

- **Identifier** - The ID or ARN of the benefit application to recall
- **Reason** - An optional explanation for the recall (maximum 1000 characters)

The reason field enables better traceability and helps AWS understand common issues that lead to recalls, informing future improvements to the benefit application process.

After recall, partners can use `UpdateBenefitApplication` to make necessary changes, then resubmit using `SubmitBenefitApplication` when ready.

Important

Recall is typically only available during early review stages. Applications that have progressed to later approval stages or have been approved may not be eligible for recall.

Amending Benefit Applications

For minor corrections after submission, partners can use the `AmendBenefitApplication` API action to update specific fields without recalling the entire application. This is particularly useful when AWS reviewers request clarifications or corrections during the review process.

Amendments use a JSON Patch-style approach where partners specify:

- **Path** - A JSONPath expression identifying the field to update (e.g., `$.CreditDisbursementDetails.AwsAccountIdForCredits`)
- **Value** - The new value for the field
- **Operation** - The operation to perform (currently only REPLACE is supported)

Partners can submit up to 10 amendments in a single API call. Each amendment must include an updated revision number for optimistic locking.

Amendments should be used for minor corrections. For substantial changes, partners should use `RecallBenefitApplication` to return the application to draft status for comprehensive updates.

Canceling Benefit Applications

If a partner no longer needs a benefit or wishes to withdraw their application, they can cancel it using the `CancelBenefitApplication` API action. Cancellation transitions the application to CANCELED status, permanently ending the application process.

When canceling an application, partners should provide:

- **Identifier** - The ID or ARN of the benefit application to cancel
- **Reason** - An optional explanation for the cancellation (maximum 1000 characters)

Once canceled, applications cannot be reactivated. If the partner later decides they need the benefit, they must create a new benefit application.

Common reasons for cancellation include:

- Customer opportunity was lost or delayed
- Partner capacity constraints changed
- Business priorities shifted
- Benefit is no longer needed for the intended purpose

Viewing Benefit Application Details

Partners can retrieve complete information about a benefit application using the `GetBenefitApplication` API action. This provides a comprehensive view of the application including:

Application Metadata:

- Unique identifier (ID) and Amazon Resource Name (ARN)
- Associated benefit identifier
- Application name and description
- Current status (PENDING_SUBMISSION, IN_REVIEW, ACTION_REQUIRED, APPROVED, REJECTED, or CANCELED)
- Current processing stage

Status Information:

- Status Reason - Human-readable explanation of the current status
- Status Reason Codes - Structured codes indicating specific issues or requirements (e.g., "Checklist Incomplete", "Project Plan Missing", "Design Win Missing")

Application Content:

- Complete benefit application details JSON document
- Partner contact information
- File attachments with processing status
- Associated resources (opportunities or allocations)
- Resource tags

Audit Information:

- Creation timestamp
- Last modification timestamp
- Current revision number

The status reason codes are particularly valuable when an application is in `ACTION_REQUIRED` status. These codes provide specific, actionable guidance on what partners need to address for the application to proceed.

Listing Benefit Applications

Partners can view all their benefit applications using the `ListBenefitApplications` API action. This returns a paginated list of application summaries with powerful filtering capabilities.

Partners can filter applications by:

- **Program** - View applications for specific programs (MAP, MDF, Sandbox, POC, etc.)
- **Fulfillment Type** - Filter by delivery method (CREDITS, CASH, ACCESS, etc.)
- **Benefit Identifier** - View applications for a specific benefit
- **Status** - Filter by application status (PENDING_SUBMISSION, IN_REVIEW, APPROVED, REJECTED, CANCELED)
- **Stage** - Filter by approval stage (Business Approval, Tech Approval, Finance Approval)
- **Associated Resource ARNs** - Find applications linked to specific opportunities or allocations

The list response includes essential summary information such as:

- Application ID, ARN, and name
- Associated benefit ID
- Programs and fulfillment types
- Current status and stage
- Creation and modification timestamps
- Associated resources
- Current revision number
- Selected fields from benefit application details (as defined by the benefit owner)

Partners can configure result sorting using the `Sort` parameter, with options to sort by creation date, status, program, or benefit identifier in ascending or descending order.

Dashboard Building: The `ListBenefitApplications` API is designed to support partner dashboard creation. By filtering and sorting applications, partners can build views such as:

- Applications requiring action (ACTION_REQUIRED status)
- Recently submitted applications (sorted by creation date, IN_REVIEW status)
- Approved applications pending allocation (APPROVED status)
- Applications by program (filtered by specific programs)

Working with Benefit Allocations

A Benefit Allocation represents a benefit that has been granted to a partner. When a benefit application is approved, AWS creates one or more benefit allocations that provide partners with the actual credits, funding, access, or other benefit fulfillment.

Understanding Benefit Allocations

Benefit allocations can represent various types of fulfillment:

- **Financial Disbursements (CASH)** - Direct financial payments to partners with disbursement tracking
- **AWS Credits (CREDITS)** - Credit codes applicable to AWS accounts with usage tracking
- **Consumable Allocations** - Pre-approved funding amounts or wallets with utilization tracking
- **Access Grants (ACCESS)** - Access to systems, tools, or resources
- **Recognition (RECOGNITION)** - Digital badges, certifications, or status designations
- **Resources (RESOURCE)** - Technical support, advisory services, or ProServe engagements

Each benefit allocation has a lifecycle tracked through its Status field:

- **ACTIVE** - The allocation is available for use
- **INACTIVE** - The allocation is temporarily unavailable
- **FULFILLED** - The allocation has been completely used or delivered

Benefit allocations also include temporal information defining when they become effective (StartsAt) and when they expire (ExpiresAt), enabling partners to understand the timeframes for utilizing benefits.

Listing Benefit Allocations

Partners can view all their benefit allocations using the `ListBenefitAllocations` API action. This returns a paginated list of allocation summaries with comprehensive filtering capabilities.

Partners can filter allocations by:

- **Benefit Identifier** - View allocations for a specific benefit
- **Benefit Application Identifier** - View allocations resulting from a specific application
- **Fulfillment Type** - Filter by allocation type (CREDITS, CASH, ACCESS, etc.)
- **Status** - Filter by allocation status (ACTIVE, INACTIVE, FULFILLED)

The list response includes allocation summaries containing:

- Allocation ID, ARN, and name
- Associated benefit ID and benefit application ID (if applicable)
- Fulfillment type
- Current status
- Creation timestamp
- Start date

This list view enables partners to build allocation tracking dashboards and identify:

- Active allocations available for immediate use
- Allocations approaching expiration
- Fulfilled allocations for historical tracking
- Total allocation value by program or fulfillment type

Viewing Detailed Allocation Information

Partners can retrieve complete allocation details using the `GetBenefitAllocation` API action. This provides comprehensive information about the allocation including fulfillment-specific details that vary based on the allocation type.

Core Allocation Information:

- Unique identifier (ID) and Amazon Resource Name (ARN)
- Allocation name and status
- Status reason (explanation of current status)
- Associated benefit ID and benefit application ID
- Fulfillment type
- Creation, update, start, and expiration timestamps

Fulfillment Details (Type-Specific):

The FulfillmentDetail field contains different information structures based on the fulfillment type:

Cash Disbursement Details (CASH Type)

For direct cash payments, the fulfillment details include:

- **Disbursed Amount** - The total amount of funding disbursed, including amount value and currency code
- **Issuance Details (if applicable)** - Information about purchase orders or issuance events:
 - Issuance ID - Unique identifier for the disbursement
 - Issuance Amount - Amount in local currency
 - Issued At - Timestamp of disbursement

This structure supports both single disbursements and pre-approved funding scenarios where multiple issuances may occur against a single allocation.

Credit Details (CREDITS Type)

For AWS credits, the fulfillment details include:

- **Allocated Amount** - Total credit amount allocated
- **Issued Amount** - Total credit amount issued (may be less than allocated for phased issuance)
- **Credit Codes** - Array of individual credit code details:
 - AWS Account ID - Account where credit is applied
 - Value - Monetary value of the credit code
 - AWS Credit Code - The actual credit code string
 - Status - Credit code status (ACTIVE, INACTIVE, FULFILLED)

- **Issued At** - When the credit code was issued
- **Expires At** - When the credit code expires

This detailed credit tracking allows partners to monitor credit utilization across multiple accounts and understand which credits are available, partially used, or fully consumed.

Consumable Allocation Details (Pre-Approved Amounts/Wallets)

For pre-approved funding pools, the fulfillment details include:

- **Allocated Amount** - Total amount in the allocation
- **Remaining Amount** - Unused amount still available
- **Utilized Amount** - Amount already consumed
- **Issuance Details (if applicable)** - Purchase order information for the allocation

Consumable allocations enable partners to draw down funds as needed for eligible activities, with real-time tracking of remaining balance.

Access Details (ACCESS Type)

For access grants, the fulfillment details include:

- **Description** - Detailed explanation of the access being granted and how to utilize it

Access allocations might provide access to preview services, specialized tools, or restricted resources. The description field provides instructions on how partners can activate and use the granted access.

Applying Allocations to New Benefit Applications

The `ApplicableBenefitIds` field in benefit allocations identifies other benefits that can leverage this allocation. This enables benefit chaining where partners can use existing allocations to apply for additional benefits.

For example, a partner might:

1. Receive a pre-approved MAP funding allocation
2. Create benefit applications for individual customer migration projects

3. Associate those applications with the pre-approved allocation
4. Draw down funds from the allocation as projects are approved

This approach streamlines the benefit application process for partners with pre-approved funding, reducing the review cycle for individual project requests.

Using the AWS Partner Central Channel API

AWS Partner Central Channel APIs enable you to programmatically manage your authorized AWS reselling business. These APIs allow AWS Solution Providers, AWS Distributors, and AWS Distribution Sellers to:

- Report AWS management accounts used for resale programs to Partner Central
- Send invitations to AWS accounts to accept partner associations
- Create relationships required to onboard resold end customer AWS accounts and apply partner discounts

With AWS Partner Central Channel APIs, you can build custom automation to:

- Onboard new partner-owned AWS accounts to APN resale programs
- Onboard new end customer accounts to resale programs
- Accelerate customer onboarding and discount qualification

Working with Program Management Accounts (PMAs)

A Program Management Account (PMA) associates your AWS management account with your Channel Program registration. Program management accounts are activated self-service using channel handshakes. When you create and activate a PMA, channel program benefits and discounts are applied to all invoices delivered to the associated AWS management account. Use these APIs to report and manage AWS accounts that handle reselling and Channel Discounts:

- `CreateProgramManagementAccount`: Add new accounts for customer billing management
- `UpdateProgramManagementAccount`: Modify existing accounts
- `DeleteProgramManagementAccount`: Remove accounts from resale programs
- `ListProgramManagementAccounts`: View existing accounts and their status

Working with channel handshakes

Channel handshakes enable secure, mutual consent for critical channel management operations. AWS Partner Central uses channel handshakes to verify consent from AWS management accounts for three distinct purposes: activating Program Management Accounts (PMAs), establishing service periods, and terminating service periods early. There are three types:

- **PROGRAM_MANAGEMENT_ACCOUNT**: Program Management Account handshakes verify consent when activating PMAs to apply channel program benefits
- **START_SERVICE_PERIOD**: Service period creation handshakes establish mutual agreements for billing transfer commitments with minimum notice periods or fixed terms
- **REVOKE_SERVICE_PERIOD**: Service period termination handshakes enable early termination of active service periods when both parties consent. All handshake types require acceptance from the target AWS management account to take effect.

Use these APIs to manage channel handshakes for PMA activation and service period management:

- **CreateChannelHandshake**: Create handshakes for PMA invitations, service period establishment, or service period termination
- **AcceptChannelHandshake**: Accept handshakes from target AWS accounts (can be used by partners or customers depending on handshake type)
- **RejectChannelHandshake**: Reject handshakes from target AWS accounts
- **CancelChannelHandshake**: Cancel pending handshakes before they are accepted, rejected, or expired
- **ListChannelHandshakes**: Track and view handshakes with filtering by type and status

Working with channel relationships

Relationships enable you to manage end customers, internal organizations, or downstream sellers. Each relationship includes:

- The AWS management account of the associated AWS organization
- Required AWS Partner Network metadata for channel discount qualification

When you create a relationship, all usage from the associated AWS organization receives the related Channel Program benefits. Use these APIs to report sellers and end customers:

- **CreateRelationship:** Onboard new end customer, distribution-seller, or internal AWS accounts
- **GetRelationship:** View specific relationship details
- **ListRelationships:** View all relationships
- **UpdateRelationship:** Modify existing relationships
- **DeleteRelationship:** Remove relationships

Supported AWS Regions

The following sections provide information about supported AWS Regions.

Topics

- [Supported AWS regions for the AWS Partner Central Account API](#)
- [Supported AWS regions for the AWS Partner Central Selling API](#)
- [Supported AWS regions for the AWS Partner Central Benefits API](#)
- [Supported AWS regions for the AWS Partner Central Channel API](#)

Supported AWS regions for the AWS Partner Central Account API

You can access the AWS Partner Central account service from any AWS US East (N. Virginia) region with the following end point.

```
partnercentral-account.us-east-1.api.aws
```

Supported AWS regions for the AWS Partner Central Selling API

You can access the AWS Partner Central selling service from any AWS US East (N. Virginia) region with the following end point.

```
partnercentral-selling.us-east-1.api.aws
```

Supported AWS regions for the AWS Partner Central Benefits API

You can access the AWS Partner Central benefits service from any AWS US East (N. Virginia) region with the following end point.

```
partnercentral-benefits.us-east-1.api.aws
```

Supported AWS regions for the AWS Partner Central Channel API

You can access the AWS Partner Central channel management service from any AWS commercial region with the following end point.

```
partnercentral-channel.global.api.aws
```

Signing requests with SigV4a

Because the AWS Partner Central Channel API uses a global endpoint, requests are signed with *Signature Version 4a (SigV4a)*, an extension of SigV4 that supports signing with asymmetric cryptography, enabling signatures that are verifiable across multiple AWS Regions.

Using the AWS SDK or CLI

If you use an AWS SDK or the AWS CLI, SigV4a signing is handled automatically when you call the global endpoint. No additional configuration is required.

Signing requests manually

If you sign requests manually without an SDK, be aware of the following differences from standard SigV4:

- SigV4a derives an Elliptic Curve Digital Signature Algorithm (ECDSA) keypair from your existing AWS secret access key, rather than using HMAC-based key derivation.
- The credential scope uses * for the region component instead of a specific Region name, because the signature is valid across Regions.

For more information about how SigV4a works, see [AWS Signature Version 4 for API requests](#). For code examples of SigV4a signing, see the [sigv4a-signing-examples](#) project on GitHub.

Permissions

The following sections provide information about permissions.

Topics

- [Access for the Account API](#)

- [Access for the Selling API](#)
- [Access for the Benefits API](#)
- [Access for the Channel API](#)

Access for the Account API

Access control and permissions are managed by AWS Identity and Access Management (IAM). This section provides guidance for configuring the necessary permissions to interact with the Account API.

Prerequisites

Before configuring permissions, ensure that your AWS account is linked to and that you created the necessary IAM roles and users. For more information, see [Setup and Authentication](#).

Using AWS managed policies

AWS provides managed policies that grant the required permissions to interact with the Account API. To provide the necessary access to manage account resources, attach the `AWSPartnerCentralFullAccess` policy to your IAM identities. For more information, see [AWS managed policies for users](#).

Assigning policies to IAM roles and users

Follow these steps to assign policies to IAM roles and users:

1. Sign in to the AWS Management Console.
2. Navigate to the IAM service.
3. Select roles or users, and choose the IAM role or user to which you want to attach a policy.
4. Attach the `AWSPartnerCentralFullAccess` policy to the selected IAM role or user.

For more information, see [Adding and removing IAM identity permissions](#).

Managing permissions using condition keys

Condition keys in IAM policies provide resource-level permissions for when to enforce statement policies. You can use condition keys to specify conditions that dictate when certain permissions are allowed or denied.

For more information, see [IAM JSON policy elements: Condition operators](#).

Condition keys overview

Condition key	Description	Applicable actions	Valid values
partnercentral:Catalog	filters access by the type of the associated catalog entity	all actions	AWS, sandbox

Summary of required permissions

Summary of required permissions

Action	Description
partnercentral:AcceptConnectionInvitation	allows accepting connection invitations
partnercentral:AssociateAwsTrainingCertificationEmailDomain	allows associating AWS training certification email domains
partnercentral:CancelConnection	allows canceling connections
partnercentral:CancelConnectionInvitation	allows canceling connection invitations
partnercentral:CancelProfileUpdateTask	allows canceling profile update tasks
partnercentral:CreateConnectionInvitation	allows creating connection invitations
partnercentral:CreatePartner	allows creating partners
partnercentral:DisassociateAwsTrainingCertificationEmailDomain	allows disassociating AWS training certification email domains
partnercentral:GetAllianceLeadContact	allows retrieving alliance lead contact details
partnercentral:GetConnection	allows retrieving connection details
partnercentral:GetConnectionInvitation	allows retrieving connection invitation details
partnercentral:GetConnectionPreferences	allows retrieving connection preferences

Action	Description
partnercentral:GetPartner	allows retrieving partner details
partnercentral:GetProfileUpdateTask	allows retrieving profile update task details
partnercentral:GetProfileVisibility	allows retrieving profile visibility settings
partnercentral:GetVerification	allows retrieving verification details
partnercentral:ListConnectionInvitations	allows listing connection invitations
partnercentral:ListConnections	allows listing connections
partnercentral:ListPartners	allows listing partners
partnercentral:PutAllianceLeadContact	allows updating alliance lead contact details
partnercentral:PutProfileVisibility	allows updating profile visibility settings
partnercentral:RejectConnectionInvitation	allows rejecting connection invitations
partnercentral:SendEmailVerificationCode	allows sending email verification codes
partnercentral:StartProfileUpdateTask	allows starting profile update tasks
partnercentral:StartVerification	allows starting verification processes
partnercentral:UpdateConnectionPreferences	allows updating connection preferences

Access for the Selling API

Access control and permissions are managed by AWS Identity and Access Management (IAM). This section provides guidance for configuring the necessary permissions to interact with the API, including the permissions required to list AWS Marketplace entities.

Prerequisites

Before configuring permissions, ensure that your AWS account is linked to Partner Central and that you created the necessary IAM roles and users. For more information, see [Setup and Authentication](#).

Using AWS managed policies

AWS provides managed policies that grant the required permissions to interact with the API. To provide the necessary access to manage opportunities, attach the `AWSPartnerCentralOpportunityManagement` policy to your IAM identities. For more information, see [AWS managed policies for AWS Partner Central users](#).

AWSPartnerCentralOpportunityManagement policy

This policy grants full access to Partner Central opportunity management actions.

JSON

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "OpportunityManagement",
      "Effect": "Allow",
      "Action": [
        "partnercentral:AcceptEngagementInvitation",
        "partnercentral:AssignOpportunity",
        "partnercentral:AssociateOpportunity",
        "partnercentral:CreateEngagement",
        "partnercentral:CreateEngagementInvitation",
        "partnercentral:CreateOpportunity",
        "partnercentral:CreateResourceSnapshot",
        "partnercentral:CreateResourceSnapshotJob",
        "partnercentral>DeleteResourceSnapshotJob",
        "partnercentral:DisassociateOpportunity",
        "partnercentral:GetAwsOpportunitySummary",
        "partnercentral:GetEngagement",
        "partnercentral:GetEngagementInvitation",
        "partnercentral:GetOpportunity",
        "partnercentral:GetResourceSnapshot",
        "partnercentral:GetResourceSnapshotJob",
        "partnercentral:ListEngagementByAcceptingInvitationTasks",
        "partnercentral:ListEngagementFromOpportunityTasks",
        "partnercentral:ListEngagementInvitations",
        "partnercentral:ListEngagementMembers",
        "partnercentral:ListEngagementResourceAssociations",
        "partnercentral:ListEngagements",

```

```

        "partnercentral:ListOpportunities",
        "partnercentral:ListResourceSnapshotJobs",
        "partnercentral:ListResourceSnapshots",
        "partnercentral:ListSolutions",
        "partnercentral:RejectEngagementInvitation",
        "partnercentral:StartEngagementByAcceptingInvitationTask",
        "partnercentral:StartEngagementFromOpportunityTask",
        "partnercentral:StartResourceSnapshotJob",
        "partnercentral:StopResourceSnapshotJob",
        "partnercentral:SubmitOpportunity",
        "partnercentral:UpdateOpportunity"
    ],
    "Resource": "*"
  },
  {
    "Sid": "ListingAWSMarketplaceEntities",
    "Effect": "Allow",
    "Action": ["aws-marketplace:ListEntities"],
    "Resource": "*"
  },
  {
    "Sid": "AWSMarketplaceOffersAccess",
    "Effect": "Allow",
    "Action": ["aws-marketplace:DescribeEntity"],
    "Resource": [
      "arn:aws:aws-marketplace::*:AWSMarketplace/Offer/*",
      "arn:aws:aws-marketplace::*:AWSMarketplace/OfferSet/*"
    ]
  }
]
}

```

Custom policies

If the managed policies don't meet your needs, create custom IAM policies that grant the permissions required for your use case. The following example is a custom policy that grants permissions to list AWS Marketplace entities:

Example of custom policy

JSON

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "partnercentral:ListOpportunities",
        "aws-marketplace:ListEntities"
      ],
      "Resource": "*"
    }
  ]
}
```

Custom permissive policy

This policy provides broad access to Partner Central selling actions, including features that may be added in the future without requiring policy updates. By using the wild card action `partnercentral:*`, this policy automatically grants access to new Partner Central selling features as they become available, reducing the need for manual updates. This policy also includes permissions for interacting with AWS Marketplace entities, which helps to ensure access is maintained for both selling and Marketplace actions.

JSON

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "partnercentral:*"
      ],
      "Resource": "*"
    }
  ]
}
```

```

    },
    {
      "Effect": "Allow",
      "Action": [
        "aws-marketplace:ListEntities",
        "aws-marketplace:DescribeEntity"
      ],
      "Resource": "*"
    },
    {
      "Effect": "Allow",
      "Action": [
        "aws-marketplace:SearchAgreements",
        "aws-marketplace:DescribeAgreement"
      ],
      "Resource": "*",
      "Condition": {
        "StringEquals": {
          "aws-marketplace:PartyType": "Proposer"
        }
      }
    }
  ]
}

```

Assigning policies to IAM roles and users

Follow these steps to assign policies to IAM roles and users:

1. Sign in to the AWS Management Console.
2. Navigate to the IAM service.
3. Select roles or users, and choose the IAM role or user to which you want to attach a policy.
4. Attach the `AWSPartnerCentralOpportunityManagement` policy or your custom policy to the selected IAM role or user.

For more information, see [Adding and removing IAM identity permissions](#).

Managing permissions using condition keys

Condition keys in IAM policies provide resource-level permissions for when to enforce statement policies. You can use condition keys to specify conditions that dictate when certain permissions are allowed or denied.

For more information, see [IAM JSON policy elements: Condition operators](#).

Condition keys overview

Condition key	Description	Applicable actions	Valid values
partnercentral:Catalog	filters access by the type of the associated catalog entity	all actions	AWS, sandbox
aws-marketplace:PartyType	filters access based on the type of party (e.g., proposer)	SearchAgreements, DescribeAgreement	proposer

Summary of required permissions

Summary of required permissions

Action	Description
partnercentral:CreateOpportunity	allows creating opportunities
partnercentral:UpdateOpportunity	allows updating opportunities
partnercentral:ListOpportunities	allows listing opportunities
partnercentral:GetOpportunity	allows retrieving opportunity details
partnercentral:ListSolutions	allows listing solutions
partnercentral:AssociateOpportunity	allows associating opportunities with other entities

Action	Description
partnercentral:DisassociateOpportunity	allows disassociating opportunities from other entities
partnercentral:AcceptEngagementInvitation	allows accepting engagement invitations
partnercentral:RejectEngagementInvitation	allows rejecting engagement invitations
partnercentral:GetEngagementInvitation	allows retrieving engagement invitation details
partnercentral:ListEngagementInvitations	allows listing engagement invitations
partnercentral:SubmitOpportunity	allows submitting opportunities
partnercentral:GetAwsOpportunitySummary	allows retrieving AWS opportunity summary
aws-marketplace:ListEntities	allows listing AWS Marketplace entities
aws-marketplace:DescribeEntity	allows describing AWS Marketplace entities
aws-marketplace:SearchAgreements	allows searching agreements in AWS Marketplace
aws-marketplace:DescribeAgreement	allows describing agreements in AWS Marketplace

Access for the Benefits API

Access control and permissions are managed by AWS Identity and Access Management (IAM). This section provides guidance for configuring the necessary permissions to interact with the Benefits API.

Prerequisites

Before configuring permissions, ensure that your AWS account is linked to and that you created the necessary IAM roles and users. For more information, see [Setup and Authentication](#).

Using AWS managed policies

AWS provides managed policies that grant the required permissions to interact with the Benefits API. To provide the necessary access to manage benefits resources, attach the `AWSPartnerCentralFullAccess` policy to your IAM identities. For more information, see [AWS managed policies for users](#).

Assigning policies to IAM roles and users

Follow these steps to assign policies to IAM roles and users:

1. Sign in to the AWS Management Console.
2. Navigate to the IAM service.
3. Select roles or users, and choose the IAM role or user to which you want to attach a policy.
4. Attach the `AWSPartnerCentralFullAccess` policy to the selected IAM role or user.

For more information, see [Adding and removing IAM identity permissions](#).

Managing permissions using condition keys

Condition keys in IAM policies provide resource-level permissions for when to enforce statement policies. You can use condition keys to specify conditions that dictate when certain permissions are allowed or denied.

For more information, see [IAM JSON policy elements: Condition operators](#).

Condition keys overview

Condition key	Description	Applicable actions	Valid values
<code>partnercentral:Catalog</code>	filters access by the type of the associated catalog entity	all actions	AWS, sandbox

Summary of required permissions

Summary of required permissions

Action	Description
partnercentral:AmendBenefitApplication	allows amending benefit applications
partnercentral:AssociateBenefitApplicationResource	allows associating resources with benefit applications
partnercentral:CancelBenefitApplication	allows canceling benefit applications
partnercentral:CreateBenefitApplication	allows creating benefit applications
partnercentral:DisassociateBenefitApplicationResource	allows disassociating resources from benefit applications
partnercentral:GetBenefit	allows retrieving benefit details
partnercentral:GetBenefitAllocation	allows retrieving benefit allocation details
partnercentral:GetBenefitApplication	allows retrieving benefit application details
partnercentral:ListBenefitAllocations	allows listing benefit allocations
partnercentral:ListBenefitApplications	allows listing benefit applications
partnercentral:ListBenefits	allows listing benefits
partnercentral:RecallBenefitApplication	allows recalling benefit applications
partnercentral:SubmitBenefitApplication	allows submitting benefit applications
partnercentral:UpdateBenefitApplication	allows updating benefit applications

Access for the Channel API

Access control and permissions are managed by AWS Identity and Access Management (IAM). This section provides guidance for configuring the necessary permissions to interact with the AWS Partner Central Channel API.

Channel management account setup

Channel management features on AWS Partner Central require IAM roles to be deployed in two types of AWS accounts:

1. [AWS Partner Central linked AWS account](#):

This is the AWS account associated with your AWS Partner Network and Partner Central account. There is only one AWS Partner Central linked AWS account per partner. As a one time set up activity, you will create an IAM role in this AWS account using a Partner Central channel managed policy.

2. [Program management account AWS account](#):

This is the AWS account used as a Bill-Transfer account to manage billing and payment for end customer consumption. This AWS account is reported as a program management account in AWS Partner Central channel management. You may have multiple program management accounts, and you will need to create an IAM role in each AWS account you report as a program management account.

For each AWS account type, you will need to associate different IAM roles with specific permission and trust policies.

Access for the AWS Partner Central linked AWS account

Within the AWS Partner Central linked AWS account, create an IAM role to manage channel resources, which will be granted to Partner Central users. This IAM role allows users to view and manage channel management resources on AWS Partner Central. The role name must start with `PartnerCentralRoleFor`, and the recommended name is `PartnerCentralRoleForChannel`. To configure the role, complete the following:

- Add the following custom trust policy to allow AWS Partner Central cloud admins and alliance leads to [map IAM roles to Partner Central users](#):

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "Service": "partnercentral-account-management.amazonaws.com"
      }
    }
  ]
}
```

```

    },
    "Action": "sts:AssumeRole"
  }
]
}

```

- Associate the [AWSPartnerCentralChannelManagement](#) managed policy to the PartnerCentralRoleForChannel role.

Access for the program management account AWS account(s)

Within each AWS account reported as a program management account in AWS Partner Central, create the following IAM roles, with the required names below:

- PartnerCentralChannelHandshakeApprovalManagement: Utilize this role to manage handshakes between Partner Central and your program management AWS account. This IAM role can be utilized to respond to activate your program management accounts in AWS Partner Central. When creating this role, associate the AWSPartnerCentralChannelHandshakeApprovalManagement managed policy.
- PartnerCentralChannelBillingTransferReadOnly: Utilize this cross-account role to enable visibility to billing transfer status from AWS Partner Central. This role will share billing transfer status from your AWS account to AWS Partner Central to centrally view billing transfer status. If this role is created, users in AWS Partner Central can view billing transfer status in AWS Partner Central. However, this role does not grant AWS Partner Central users permission to access billing transfers in AWS Billing and Cost Management console.
- Trust policy:
 - Within the JSON below, replace the {PartnerCentralLinkedAccountId} with your actual AWS Partner Central linked AWS account 12-digit ID when creating the role.

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "AWS": "arn:aws:iam::{PartnerCentralLinkedAccountId}:root"
      },
      "Action": "sts:AssumeRole"
    }
  ]
}

```

```
]
}
```

- **Permission policy:**

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "BillingTransferReadOnly",
      "Effect": "Allow",
      "Action": [
        "organizations:DescribeResponsibilityTransfer",
        "organizations:ListHandshakesForOrganization",
        "organizations:ListInboundResponsibilityTransfers",
        "organizations:ListOutboundResponsibilityTransfers"
      ],
      "Resource": "*"
    }
  ]
}
```

- **PartnerCentralChannelBillingTransferManagement (optional):** Utilize this cross-account role to enable creation and management of billing transfers from AWS Partner Central. This role will enable AWS Partner Central users accessing the IAM role containing `AWSPartnerCentralChannelManagement` managed policy to manage billing transfers in program management account AWS account. Using this cross-account role, AWS Partner Central users will be able to access and manage billing transfers in AWS Billing and Cost Management console using the "Manage in AWS Billing" button in AWS Partner Central channel management.

- **Trust policy:**

- Within the JSON below, replace the `{PartnerCentralLinkedAccountId}` with your actual AWS Partner Central linked AWS account 12-digit ID when creating the role.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "AWS": "arn:aws:iam::{PartnerCentralLinkedAccountId}:root"
      },

```

```

        "Action": "sts:AssumeRole"
    }
]
}

```

- Permission policy:

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "BillingTransferManagement",
      "Effect": "Allow",
      "Action": [
        "billingconductor:CreateBillingGroup",
        "billingconductor:ListPricingPlans",
        "organizations:AcceptHandshake",
        "organizations:CancelHandshake",
        "organizations:DeclineHandshake",
        "organizations:DescribeResponsibilityTransfer",
        "organizations:InviteOrganizationToTransferResponsibility",
        "organizations:ListHandshakesForAccount",
        "organizations:ListHandshakesForOrganization",
        "organizations:ListInboundResponsibilityTransfers",
        "organizations:ListOutboundResponsibilityTransfers",
        "organizations:TerminateResponsibilityTransfer",
        "organizations:UpdateResponsibilityTransfer"
      ],
      "Resource": "*"
    }
  ]
}

```

Using AWS managed policies

AWS provides managed policies that grant the required permissions to interact with the Channel API. To provide the necessary access to manage all channel resources, attach the `AWSPartnerCentralChannelManagement` policy to your IAM identities. To provide necessary access to view and respond to channel handshake requests, attach the `AWSPartnerCentralChannelHandshakeApprovalManagement` policy to your IAM identities. For more information, see [AWS managed policies for AWS Partner Central users](#).

AWSPartnerCentralChannelManagement policy

This policy grants full access to Partner Central channel management actions.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "ChannelManagement",
      "Effect": "Allow",
      "Action": [
        "partnercentral:CreateProgramManagementAccount",
        "partnercentral:UpdateProgramManagementAccount",
        "partnercentral>DeleteProgramManagementAccount",
        "partnercentral:ListProgramManagementAccounts",
        "partnercentral:GetProgramManagementAccount",
        "partnercentral:CreateRelationship",
        "partnercentral:UpdateRelationship",
        "partnercentral>DeleteRelationship",
        "partnercentral:GetRelationship",
        "partnercentral:ListRelationships",
        "partnercentral:CreateChannelHandshake",
        "partnercentral:AcceptChannelHandshake",
        "partnercentral:RejectChannelHandshake",
        "partnercentral:CancelChannelHandshake",
        "partnercentral:ListChannelHandshakes"
      ],
      "Resource": "*",
      "Condition": {
        "StringEquals": {
          "partnercentral:Catalog": [
            "AWS",
            "Sandbox"
          ]
        }
      }
    },
    {
      "Sid": "ChannelBillingTransferRoleAccess",
      "Effect": "Allow",
      "Action": [
        "sts:AssumeRole"
      ],
      "Resource": [
```

```

        "arn:aws:iam::*:role/PartnerCentralChannelBillingTransferManagement",
        "arn:aws:iam::*:role/PartnerCentralChannelBillingTransferReadOnly"
    ],
},
{
    "Sid": "TaggingAccess",
    "Effect": "Allow",
    "Action": [
        "partnercentral:TagResource",
        "partnercentral:UntagResource",
        "partnercentral:ListTagsForResource"
    ],
    "Resource": [
        "arn:aws:partnercentral:*:*:catalog/*/program-management-account/*",
        "arn:aws:partnercentral:*:*:catalog/*/channel-handshake/*"
    ],
    "Condition": {
        "StringEquals": {
            "partnercentral:Catalog": [
                "AWS",
                "Sandbox"
            ]
        }
    }
}
]
}

```

AWSPartnerCentralChannelHandshakeApprovalManagement policy

This policy grants access to view and respond to channel handshake requests. This policy should be applied to roles in the AWS accounts receiving channel handshake requests.

```

{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "ChannelHandshakeManagement",
            "Effect": "Allow",
            "Action": [
                "partnercentral:ListChannelHandshakes",
                "partnercentral:AcceptChannelHandshake",
                "partnercentral:RejectChannelHandshake"
            ]
        }
    ]
}

```

```
    ],
    "Resource": "*",
    "Condition": {
      "StringEquals": {
        "partnercentral:Catalog": [
          "AWS",
          "Sandbox"
        ]
      }
    }
  }
]
```

Assigning policies to IAM roles and users

Follow these steps to assign policies to IAM roles and users:

1. Sign in to the AWS Management Console.
2. Navigate to the IAM service.
3. Select roles or users, and choose the IAM role or user to which you want to attach a policy.
4. Attach the `AWSPartnerCentralChannelManagement` policy or your custom policy to the selected IAM role or user.

For more information, see [Adding and removing IAM identity permissions](#).

Managing permissions using condition keys

Condition keys in IAM policies provide resource-level permissions for when to enforce statement policies. You can use condition keys to specify conditions that dictate when certain permissions are allowed or denied.

For more information, see [IAM JSON policy elements: Condition operators](#).

Condition keys overview

Condition key	Description	Applicable actions	Valid values
partnercentral:Catalog	Filters access by the type of the associated catalog entity	All Channel Management actions	AWS, Sandbox
partnercentral:ChannelHandshakeType	Filters access based on the type of channel handshake	CreateChannelHandshake, AcceptChannelHandshake, RejectChannelHandshake, CancelChannelHandshake, ListChannelHandshakes	PROGRAM_MANAGEMENT_ACCOUNT, START_SERVICE_PERIOD, REVOKE_SERVICE_PERIOD

Summary of required permissions

Summary of required permissions

Action	Description
partnercentral:CreateProgramManagementAccount	allows creating program management accounts
partnercentral:UpdateProgramManagementAccount	allows updating program management accounts
partnercentral>DeleteProgramManagementAccount	allows deleting program management accounts
partnercentral:ListProgramManagementAccounts	allows listing program management accounts
partnercentral:GetProgramManagementAccount	allows retrieving program management account details
partnercentral:CreateRelationship	allows creating relationships

Action	Description
partnercentral:UpdateRelationship	allows updating relationships
partnercentral>DeleteRelationship	allows deleting relationships
partnercentral:GetRelationship	allows retrieving relationship details
partnercentral:ListRelationships	allows listing relationships
partnercentral>CreateChannelHandshake	allows creating channel handshakes
partnercentral:AcceptChannelHandshake	allows accepting channel handshakes
partnercentral:RejectChannelHandshake	allows rejecting channel handshakes
partnercentral:CancelChannelHandshake	allows canceling channel handshakes
partnercentral:ListChannelHandshakes	allows listing channel handshakes

Quotas for the AWS Partner Central API

The following sections provide information about service quotas.

Topics

- [Quotas for the AWS Partner Central Account API](#)
- [Quotas for the AWS Partner Central Selling API](#)
- [Quotas for the AWS Partner Central Benefits API](#)
- [Quotas for the AWS Partner Central Channel API](#)

Quotas for the AWS Partner Central Account API

The AWS Partner Central Account API has the following quotas.

Additional quotas

Additional quotas

Display name	Catalog	Description	Default value
Open connection invitations per account	AWS	The maximum number of open connection invitations you can maintain with partner accounts in the AWS catalog	1,000
Active connections per account	AWS	The maximum number of active connections you can maintain with partner accounts in the AWS catalog	1,000
Email domains per partner	AWS	The maximum number of email domains that can be associated with a partner account for AWS training certification in the AWS catalog	50
Rate of connection invitations per account	AWS	The maximum number of connection invitations per day that you can send in the AWS catalog	50
Rate of profile update tasks per account	AWS	The maximum number of profile update tasks per day	10

Display name	Catalog	Description	Default value
		that you can initiate in the AWS catalog	
Rate of profile visibility updates per account	AWS	The maximum number of profile visibility updates per day that you can initiate in the AWS catalog	5
Rate of email verification codes per email address	AWS	The maximum number of email verification codes per day that you can request in the AWS catalog	5
Open connection invitations per account	Sandbox	The maximum number of open connection invitations you can maintain with partner accounts in the Sandbox catalog	1,000
Active connections per account	Sandbox	The maximum number of active connections you can maintain with partner accounts in the Sandbox catalog	1,000

Display name	Catalog	Description	Default value
Email domains per partner	Sandbox	The maximum number of email domains that can be associated with a partner account for AWS training certification in the Sandbox catalog	50
Rate of connection invitations per account	Sandbox	The maximum number of connection invitations per day that you can send in the Sandbox catalog	50
Rate of profile update tasks per account	Sandbox	The maximum number of profile update tasks per day that you can initiate in the Sandbox catalog	10
Rate of profile visibility updates per account	Sandbox	The maximum number of profile visibility updates per day that you can initiate in the Sandbox catalog	5

Display name	Catalog	Description	Default value
Rate of email verification codes per email address	Sandbox	The maximum number of email verification codes per day that you can request in the Sandbox catalog. No emails are sent from Sandbox catalog.	N/A

Understanding and managing quotas

Rate limiting

When an API rate limit is reached, the service will respond with a `ThrottlingException`. To better handle rate limiting, AWS recommends implementing exponential backoff and retry strategies in your application.

Requesting a quota increase

If the default quotas do not meet your requirements, you can request a quota increase through the [Service Quotas page](#). The Service Quotas console is a browser-based interface that you can use to view and manage your service quotas. You can access Service Quotas from any AWS Management Console page by choosing it on the top navigation bar, or by searching for Service Quotas in the AWS Management Console.

Quotas for the AWS Partner Central Selling API

AWS Partner Central selling API enforces quotas to ensure fair usage and to protect the service from misuse. Below are the detailed quotas for various API operations and associations per opportunity.

API operation quotas

Type	API operation	Quota (per partner account)
Read actions	GetOpportunity	10 per second; 100,000 per 24 hours

Type	API operation	Quota (per partner account)
Write actions	GetAwsOpportunitySummary	1 per second; 10,000 per 24 hours
	ListOpportunities	
	ListSolutions	
	GetEngagementInvitation	
	ListEngagementInvitations	
	CreateOpportunity	
	UpdateOpportunity	
	AssociateOpportunity	
	DisassociateOpportunity	
	RejectEngagementInvitation	
	AssignOpportunity	
	StartEngagementFromOpportunityTask	
	StartEngagementByAcceptingInvitationTask	

Association quotas per opportunity

Related entity	Quota
AWS products	20 per opportunity
Partner Solutions	10 per opportunity
AWS Marketplace private offers	1 per opportunity

Understanding and managing quotas

Rate limiting

When an API rate limit is reached, the service will respond with a `ThrottlingException`. To better handle rate limiting, AWS recommends implementing exponential backoff and retry strategies in your application.

Time window for quotas

The daily quotas reset on a rolling 24 hour period. Your requests would be throttled e.g. if you have performed 10,000 write actions in the last 24 hours and are trying to perform the 10,001st request. Ensure that your application's usage patterns take this into account to prevent unintentional throttling.

Requesting a quota increase

If the default quotas do not meet your requirements, you can request a quota increase through the [Service Quotas page](#). The Service Quotas console is a browser-based interface that you can use to view and manage your service quotas. You can access Service Quotas from any AWS Management Console page by choosing it on the top navigation bar, or by searching for Service Quotas in the AWS Management Console.

Quotas for the AWS Partner Central Benefits API

The AWS Partner Central Benefits API has the following quotas.

Request quotas

Request quotas

API operations	Quota (per AWS account)
ListBenefits	20 per second
GetBenefit	20 per second
AmendBenefitApplication	10 per second
CancelBenefitApplication	10 per second

API operations	Quota (per AWS account)
CreateBenefitApplication	10 per second
GetBenefitApplication	20 per second
ListBenefitApplications	30 per second
RecallBenefitApplication	10 per second
SubmitBenefitApplication	10 per second
UpdateBenefitApplication	10 per second
GetBenefitAllocation	20 per second
ListBenefitAllocations	20 per second
AssociateBenefitApplicationResource	10 per second
DisassociateBenefitApplicationResource	10 per second

Additional quotas

Additional quotas

Display name	Catalog	Description	Default value
Benefit applications	AWS	The maximum number of benefit applications you can create in the AWS catalog	10,000
Benefit applications	Sandbox	The maximum number of benefit applications you can create in the Sandbox catalog	10,000

Understanding and managing quotas

Rate limiting

When an API rate limit is reached, the service will respond with a `ThrottlingException`. To better handle rate limiting, AWS recommends implementing exponential backoff and retry strategies in your application.

Requesting a quota increase

If the default quotas do not meet your requirements, you can request a quota increase through the [Service Quotas page](#). The Service Quotas console is a browser-based interface that you can use to view and manage your service quotas. You can access Service Quotas from any AWS Management Console page by choosing it on the top navigation bar, or by searching for Service Quotas in the AWS Management Console.

Quotas for the AWS Partner Central Channel API

The AWS Partner Central Channel API has the following quotas.

Request quotas

Request quotas

API operations	Quota (per AWS account)
CreateProgramManagementAccount	3 per second
UpdateProgramManagementAccount	3 per second
ListProgramManagementAccounts	5 per second
DeleteProgramManagementAccount	3 per second
CreateChannelHandshake	3 per second
ListChannelHandshakes	5 per second
AcceptChannelHandshake	3 per second
RejectChannelHandshake	3 per second

API operations	Quota (per AWS account)
CancelChannelHandshake	3 per second
CreateRelationship	3 per second
GetRelationship	5 per second
ListRelationships	5 per second
UpdateRelationship	3 per second
DeleteRelationship	3 per second

Additional quotas

Additional quotas

Display name	Catalog	Description	Default value
Program management accounts	AWS	The maximum number of program management accounts you can create in the AWS catalog	50
Relationships per program management account	AWS	The maximum number of relationships you can establish per program management account in the AWS catalog	1,000
Program management account handshakes per account	AWS	The maximum number of active program management account handshakes in the AWS catalog	100

Display name	Catalog	Description	Default value
Start service period handshakes per account	AWS	The maximum number of active handshakes for establishing service periods in the AWS catalog	200
Revoke service period handshakes per account	AWS	The maximum number of active handshakes for revoking service periods in the AWS catalog	200
Rate of program management account handshakes per day	AWS	The maximum number of program management account handshakes you can send to the same AWS account per day in the AWS catalog	5
Rate of start service period handshakes per day	AWS	The maximum number of start service period handshakes you can send to the same AWS account per day in the AWS catalog	5

Display name	Catalog	Description	Default value
Rate of revoke service period handshakes per day	AWS	The maximum number of revoke service period handshakes you can send to the same AWS account per day in the AWS catalog	5
Program management accounts	Sandbox	The maximum number of program management accounts you can create in the Sandbox catalog	50
Relationships per program management account	Sandbox	The maximum number of relationships you can establish per program management account in the Sandbox catalog	1,000
Program management account handshakes per account	Sandbox	The maximum number of active program management account handshakes in the Sandbox catalog	100

Display name	Catalog	Description	Default value
Start service period handshakes per account	Sandbox	The maximum number of active handshakes for establishing service periods in the Sandbox catalog	200
Revoke service period handshakes per account	Sandbox	The maximum number of active handshakes for revoking service periods in the Sandbox catalog	200
Rate of program management account handshakes per day	Sandbox	The maximum number of program management account handshakes you can send to the same AWS account per day in the Sandbox catalog	5
Rate of start service period handshakes per day	Sandbox	The maximum number of start service period handshakes you can send to the same AWS account per day in the Sandbox catalog	5

Display name	Catalog	Description	Default value
Rate of revoke service period handshakes per day	Sandbox	The maximum number of revoke service period handshakes you can send to the same AWS account per day in the Sandbox catalog	5

Understanding and managing quotas

Rate limiting

When an API rate limit is reached, the service will respond with a `ThrottlingException`. To better handle rate limiting, AWS recommends implementing exponential backoff and retry strategies in your application.

Requesting a quota increase

If the default quotas do not meet your requirements, you can request a quota increase through the [Service Quotas page](#). The Service Quotas console is a browser-based interface that you can use to view and manage your service quotas. You can access Service Quotas from any AWS Management Console page by choosing it on the top navigation bar, or by searching for Service Quotas in the AWS Management Console.

Logging for the AWS Partner Central API

The following sections provide information about logging.

Topics

- [Logging the AWS Partner Central Account API](#)
- [Logging the AWS Partner Central Selling API](#)
- [Logging the AWS Partner Central Benefits API](#)
- [Logging the AWS Partner Central Channel API](#)

Logging the AWS Partner Central Account API

[AWS CloudTrail](#) is a service that enables governance, compliance, operational auditing, and risk auditing of your AWS account. With AWS CloudTrail, you can log, continuously monitor, and retain account activity related to actions across your AWS infrastructure. AWS Partner Central Account API activity is recorded as events in CloudTrail. You can create a trail, a configuration that enables delivery of events as log files to an Amazon S3 bucket.

Overview

The AWS Partner Central Account API is integrated with AWS CloudTrail, a service that provides a record of actions taken by a user, role, or an AWS service in AWS Partner Central. CloudTrail captures all API calls for AWS Partner Central Account API as events. The calls captured include calls from the AWS Partner Central and from code calls to the AWS Partner Central Account API operations.

If you create a trail, you can enable continuous delivery of CloudTrail events to an Amazon S3 bucket, including events for AWS Partner Central Account API. If you don't configure a trail, you can still view the most recent events in the CloudTrail console in Event history.

Using the information collected by CloudTrail, you can determine the request that was made to AWS Partner Central Account API, the IP address from which the request was made, who made the request, when it was made, and additional details.

Understanding AWS Partner Central Account API log file entries

A trail is a configuration that enables delivery of events as log files to an Amazon S3 bucket. When your trail tracks AWS Partner Central Account API events, CloudTrail processes the events as log files across all the regions. Each log file can contain one or more events.

The following example shows a CloudTrail log entry that demonstrates the `CreatePartner` action on AWS Partner Central Account API:

```
{
  "eventVersion": "1.11",
  "userIdentity": {
    "type": "IAMUser",
    "principalId": "EX_PRINCIPAL_ID",
    "arn": "arn:aws:iam::123456789012:user/CloudTrailTestUser",
    "accountId": "123456789012",
    "accessKeyId": "ABCDEFGHJKLMNOP1234",
```

```
    "sessionContext": {
      "sessionIssuer": {
        "type": "Role",
        "principalId": "AROEXAMPLE52AGFT725JGDZ",
        "arn": "arn:aws:iam::123456789012:role/ExampleRole",
        "accountId": "123456789012",
        "userName": "ExampleRole"
      },
      "attributes": {
        "creationDate": "2025-11-07T19:45:28Z",
        "mfaAuthenticated": "false"
      }
    },
    "eventTime": "2025-11-07T19:45:58Z",
    "eventSource": "partnercentral-account.amazonaws.com",
    "eventName": "CreatePartner",
    "awsRegion": "us-east-1",
    "sourceIPAddress": "127.0.0.1",
    "userAgent": "PostmanRuntime/7.18.0",
    "requestParameters": {
      "catalog": "AWS",
      "clientToken": "abcdef12-3456-7890-bcde-f123456789ab",
      "legalName": "ExampleLegalName",
      "primarySolutionType": "VALUE_ADDED_RESALE_AWS_SERVICES",
      "allianceLeadContact": {
        "firstName": "ExampleFirstName",
        "lastName": "ExampleLastName",
        "email": "example@domain.com",
        "businessTitle": "ExampleBusinessTitle"
      },
      "emailVerificationCode": "ExampleVerificationCode",
      "tags": [
        {
          "key": "office",
          "value": "1"
        }
      ]
    },
    "responseElements": {
      "catalog": "AWS",
      "arn": "arn:aws:partnercentral:us-east-1:123456789012:catalog/AWS/partner/EXAMPLE_PARTNER_ID",
      "id": "EXAMPLE_PARTNER_ID",
```



```

    "legalName": "ExampleLegalName",
    "createdAt": "2025-11-07T19:45:57.867007329Z",
    "profile": {
      "primarySolutionType": "VALUE_ADDED_RESALE_AWS_SERVICES"
    },
    "allianceLeadContact": {
      "firstName": "ExampleFirstName",
      "lastName": "ExampleLastName",
      "email": "example@domain.com",
      "businessTitle": "ExampleBusinessTitle"
    }
  },
  "requestID": "12345678-1234-5678-9abc-def012345678",
  "eventID": "87654321-4321-8765-cba9-fed098765432",
  "readOnly": false,
  "resources": [
    {
      "accountId": "123456789012",
      "type": "AWS::PartnerCentral::Partner",
      "ARN": "arn:aws:partnercentral:us-east-1:123456789012:catalog/AWS/partner/
EXAMPLE_PARTNER_ID"
    }
  ],
  "eventType": "AwsApiCall",
  "managementEvent": true,
  "recipientAccountId": "123456789012",
  "eventCategory": "Management",
  "tlsDetails": {
    "tlsVersion": "TLSv1.3",
    "cipherSuite": "TLS_AES_128_GCM_SHA256",
    "clientProvidedHostHeader": "partnercentral-account.partner.us-east-1.api.aws"
  }
}

```

In this example, the `CreatePartner` action was called by the IAM user named `CloudTrailTestUser`. The request was made on November 7, 2025 at 19:45:58 UTC. The request created a new partner with ID `EXAMPLE_PARTNER_ID` for the AWS catalog with the legal name "ExampleLegalName".

Fields in AWS Partner Central Account API log file entries

Each entry in a CloudTrail log file contains information about who made a request, the resources acted upon in the request, and the response elements returned by AWS Partner Central Account API. The list of fields in a log entry, such as `eventVersion`, `userIdentity`, and `eventTime`,

provide detailed information about the action. For example, the `sourceIPAddress` field shows the IP address that the request was made from.

Logging the AWS Partner Central Selling API

[AWS CloudTrail](#) is a service that enables governance, compliance, operational auditing, and risk auditing of your AWS account. With AWS CloudTrail, you can log, continuously monitor, and retain account activity related to actions across your AWS infrastructure. AWS Partner Central API activity is recorded as events in CloudTrail. You can create a trail, a configuration that enables delivery of events as log files to an Amazon S3 bucket.

Overview

The AWS Partner Central API is integrated with AWS CloudTrail, a service that provides a record of actions taken by a user, role, or an AWS service in AWS Partner Central. CloudTrail captures all API calls for AWS Partner Central as events. The calls captured include calls from the AWS Partner Central and from code calls to the AWS Partner Central API operations.

If you create a trail, you can enable continuous delivery of CloudTrail events to an Amazon S3 bucket, including events for AWS Partner Central. If you don't configure a trail, you can still view the most recent events in the CloudTrail console in Event history.

Using the information collected by CloudTrail, you can determine the request that was made to AWS Partner Central, the IP address from which the request was made, who made the request, when it was made, and additional details.

Understanding AWS Partner Central Selling API log file entries

A trail is a configuration that enables delivery of events as log files to an Amazon S3 bucket. When your trail tracks AWS Partner Central events, CloudTrail processes the events as log files across all the regions. Each log file can contain one or more events.

The following example shows a CloudTrail log entry that demonstrates the `ListOpportunities` action on AWS Partner Central:

```
{
  "eventVersion": "1.05",
  "userIdentity": {
    "type": "IAMUser",
    "principalId": "ABCDEFGHIJKLMN0P12345",
```

```
    "arn": "arn:aws:iam::123456789010:user/CloudTrailTestUser",
    "accountId": "123456789010",
    "accessKeyId": "ABCDEFGHJKLMNOP1234",
    "userName": "CloudTrailTestUser"
  },
  "eventTime": "2023-10-17T21:49:23Z",
  "eventSource": "partnercentral-selling.amazonaws.com",
  "eventName": "ListOpportunities",
  "awsRegion": "us-east-1",
  "sourceIPAddress": "127.0.0.1",
  "userAgent": "PostmanRuntime/7.18.0",
  "requestParameters": {
    "MaxResults": 20
  },
  "responseElements": null,
  "requestID": "fEXAMPLE-cb3e-4e21-86fd-6b3EXAMPLEd1",
  "eventID": "7EXAMPLE-97d6-4139-91e3-01aEXAMPLE48",
  "readOnly": true,
  "eventType": "AwsApiCall",
  "recipientAccountId": "123456789010"
}
```

In this example, the `ListOpportunities` action was called by the IAM user named `CloudTrailTestUser`. The action was called in the *us-east-1* AWS Region, and the request was made on October 17, 2023 at 21:49:23 UTC.

Fields in AWS Partner Central Selling API log file entries

Each entry in a CloudTrail log file contains information about who made a request, the resources acted upon in the request, and the response elements returned by AWS Partner Central. The list of fields in a log entry, such as `eventVersion`, `userIdentity`, and `eventTime`, provide detailed information about the action. For example, the `sourceIPAddress` field shows the IP address that the request was made from.

Logging the AWS Partner Central Benefits API

[AWS CloudTrail](#) is a service that enables governance, compliance, operational auditing, and risk auditing of your AWS account. With AWS CloudTrail, you can log, continuously monitor, and retain account activity related to actions across your AWS infrastructure. AWS Partner Central Benefits API activity is recorded as events in CloudTrail. You can create a trail, a configuration that enables delivery of events as log files to an Amazon S3 bucket.

Overview

The AWS Partner Central Benefits API is integrated with AWS CloudTrail, a service that provides a record of actions taken by a user, role, or an AWS service in AWS Partner Central. CloudTrail captures all API calls for AWS Partner Central Benefits API as events. The calls captured include calls from the AWS Partner Central and from code calls to the AWS Partner Central Benefits API operations.

If you create a trail, you can enable continuous delivery of CloudTrail events to an Amazon S3 bucket, including events for AWS Partner Central Benefits API. If you don't configure a trail, you can still view the most recent events in the CloudTrail console in Event history.

Using the information collected by CloudTrail, you can determine the request that was made to AWS Partner Central Benefits API, the IP address from which the request was made, who made the request, when it was made, and additional details.

Understanding AWS Partner Central Benefits API log file entries

A trail is a configuration that enables delivery of events as log files to an Amazon S3 bucket. When your trail tracks AWS Partner Central Benefits API events, CloudTrail processes the events as log files across all the regions. Each log file can contain one or more events.

The following example shows a CloudTrail log entry that demonstrates the `ListBenefitApplications` action on AWS Partner Central Benefits API:

```
{
  "eventVersion": "1.11",
  "userIdentity": {
    "type": "IAMUser",
    "principalId": "EX_PRINCIPAL_ID",
    "arn": "arn:aws:iam::123456789012:user/CloudTrailTestUser",
    "accountId": "123456789012",
    "accessKeyId": "EXAMPLE_KEY_ID",
    "sessionContext": {
      "sessionIssuer": {
        "type": "Role",
        "principalId": "EX_PRINCIPAL_ID",
        "arn": "arn:aws:iam::123456789012:role/TestRole",
        "accountId": "123456789012",
        "userName": "TestRole"
      }
    }
  },
```

```
        "attributes": {
            "creationDate": "2025-10-21T03:08:23Z",
            "mfaAuthenticated": "false"
        }
    },
    "eventTime": "2025-10-21T03:10:59Z",
    "eventSource": "partnercentral-benefits.amazonaws.com",
    "eventName": "ListBenefitApplications",
    "awsRegion": "us-east-1",
    "sourceIPAddress": "127.0.0.1",
    "userAgent": "python-requests/2.32.4",
    "requestParameters": {
        "catalog": "AWS"
    },
    "responseElements": null,
    "requestID": "12345678-1234-5678-9abc-def012345678",
    "eventID": "87654321-4321-8765-cba9-fed098765432",
    "readOnly": true,
    "eventType": "AwsApiCall",
    "managementEvent": true,
    "recipientAccountId": "123456789012",
    "eventCategory": "Management"
}
```

In this example, the `ListBenefitApplications` action was called by the IAM user named Alice. The request was made on October 21, 2025 at 03:10:59 UTC. The request listed benefit applications for the AWS catalog.

Fields in AWS Partner Central Benefits API log file entries

Each entry in a CloudTrail log file contains information about who made a request, the resources acted upon in the request, and the response elements returned by AWS Partner Central Benefits API. The list of fields in a log entry, such as `eventVersion`, `userIdentity`, and `eventTime`, provide detailed information about the action. For example, the `sourceIPAddress` field shows the IP address that the request was made from.

Logging the AWS Partner Central Channel API

[AWS CloudTrail](#) is a service that enables governance, compliance, operational auditing, and risk auditing of your AWS account. With AWS CloudTrail, you can log, continuously monitor, and retain account activity related to actions across your AWS infrastructure. AWS Partner Central Channel

API activity is recorded as events in CloudTrail. You can create a trail, a configuration that enables delivery of events as log files to an Amazon S3 bucket.

Overview

The AWS Partner Central Channel API is integrated with AWS CloudTrail, a service that provides a record of actions taken by a user, role, or an AWS service in AWS Partner Central. CloudTrail captures all API calls for AWS Partner Central Channel API as events. The calls captured include calls from the AWS Partner Central and from code calls to the AWS Partner Central Channel API operations.

If you create a trail, you can enable continuous delivery of CloudTrail events to an Amazon S3 bucket, including events for AWS Partner Central Channel API. If you don't configure a trail, you can still view the most recent events in the CloudTrail console in Event history.

Using the information collected by CloudTrail, you can determine the request that was made to AWS Partner Central Channel API, the IP address from which the request was made, who made the request, when it was made, and additional details.

Understanding AWS Partner Central Channel API log file entries

A trail is a configuration that enables delivery of events as log files to an Amazon S3 bucket. When your trail tracks AWS Partner Central Channel API events, CloudTrail processes the events as log files across all the regions. Each log file can contain one or more events.

The following example shows a CloudTrail log entry that demonstrates the `CreateProgramManagementAccount` action on AWS Partner Central Channel API:

```
{
  "eventVersion": "1.11",
  "userIdentity": {
    "type": "AssumedRole",
    "principalId": "AROEXAMPLE52AGFT725JGDZ:example-user-Isengard",
    "arn": "arn:aws:sts::123456789012:assumed-role/Admin/example-user-Isengard",
    "accountId": "123456789012",
    "accessKeyId": "ASIAEXAMPLE52AGL6IXQLZ5",
    "sessionContext": {
      "sessionIssuer": {
        "type": "Role",
        "principalId": "AROEXAMPLE52AGFT725JGDZ",
        "arn": "arn:aws:iam::123456789012:role/ExampleRole",
        "accountId": "123456789012",
```

```

        "userName": "ExampleRole"
    },
    "attributes": {
        "creationDate": "2025-10-21T17:06:47Z",
        "mfaAuthenticated": "false"
    }
},
"eventTime": "2025-10-21T17:07:26Z",
"eventSource": "partnercentral-channel.amazonaws.com",
"eventName": "CreateProgramManagementAccount",
"awsRegion": "us-east-1",
"sourceIPAddress": "127.0.0.1",
"userAgent": "PostmanRuntime/7.18.0",
"requestParameters": {
    "catalog": "AWS",
    "program": "SOLUTION_PROVIDER",
    "displayName": "ExampleDisplayName",
    "accountId": "987654321098",
    "clientToken": "abcdef12-3456-7890-bcde-f123456789ab"
},
"responseElements": {
    "programManagementAccountDetail": {
        "id": "pma-example123456789",
        "arn": "arn:aws:partnercentral:us-east-1:123456789012:catalog/AWS/program-
management-account/pma-example123456789"
    }
},
"requestID": "12345678-1234-5678-9abc-def012345678",
"eventID": "87654321-4321-8765-cba9-fed098765432",
"readOnly": false,
"resources": [
    {
        "accountId": "123456789012",
        "type": "AWS::PartnerCentralChannel::ProgramManagementAccount",
        "ARN": "arn:aws:partnercentral:us-east-1:123456789012:catalog/AWS/program-
management-account/pma-example123456789"
    }
],
"eventType": "AwsApiCall",
"managementEvent": true,
"recipientAccountId": "123456789012",
"eventCategory": "Management",
"tlsDetails": {

```

```
    "clientProvidedHostHeader": "partnercentral-channel.global.api.aws"  
  }  
}
```

In this example, the `CreateProgramManagementAccount` action was called by the IAM role named `ExampleRole` through an assumed role session. The request was made on October 21, 2025 at 17:07:26 UTC. The request created a new Program Management Account with ID `pma-example123456789` for the Solution Provider program.

Fields in AWS Partner Central Channel API log file entries

Each entry in a CloudTrail log file contains information about who made a request, the resources acted upon in the request, and the response elements returned by AWS Partner Central Channel API. The list of fields in a log entry, such as `eventVersion`, `userIdentity`, and `eventTime`, provide detailed information about the action. For example, the `sourceIPAddress` field shows the IP address that the request was made from.

Notifications for the AWS Partner Central API

The following sections provide information about notifications.

Topics

- [Notifications for the AWS Partner Central Account API](#)
- [Notifications for the AWS Partner Central Selling API](#)
- [Notifications for the AWS Partner Central Benefits API](#)
- [Notifications for the AWS Partner Central Channel API](#)

Notifications for the AWS Partner Central Account API

Partner Account Connection notifications enable partners to stay informed about connection lifecycle events that directly impact their business relationships and operational workflows. These events are critical for partners to:

- React promptly to new collaboration
- Maintain awareness of their connection portfolio status
- Take appropriate action when connections are established or terminated
- Ensure business continuity by knowing when relationships change

Topics

- [Complete the prerequisite to monitor events](#)
- [Configure Amazon EventBridge to monitor events](#)
- [Learn more about account connections API events](#)

Complete the prerequisite to monitor events

Users require the appropriate IAM permissions to access and manage events published by the account connections API. For more information about the available actions, resources, and condition keys for EventBridge, see [Using IAM policy conditions in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. One of the condition keys is `events:detail-type`, which can be used to scope permissions to specific event types.

The following example policy demonstrates how to customize and scope the permissions for the proposed events. The `AllowPutRuleForPartnerCentralAccountEvents` statement allows the creation of rules, but only for events from the `aws.partnercentral-account` source.

For detailed IAM policy examples, refer to the AWS documentation on EventBridge permissions.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AllowPutRuleForPartnerCentralAccountEvents",
      "Effect": "Allow",
      "Action": "events:PutRule",
      "Resource": "*",
      "Condition": {
        "StringEquals": {
          "events:source": "aws.partnercentral-account.connection"
        }
      }
    }
  ]
}
```

Configure Amazon EventBridge to monitor events

To monitor account connections API events, you create an EventBridge rule that matches the events that you want to capture. You can use the AWS Management Console or the AWS SDKs to

create and manage rules. The following sections explain how to create rules using both methods. Regardless of the method you use, you must create the rule in the US East (N. Virginia) `us-east-1` Region.

AWS Management Console setup

To set up an EventBridge rule using the AWS Management Console, follow the steps in [Creating rules that react to events in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. When creating the rule, you must set the event bus to **default**, and create the rule in the US East (N. Virginia) `us-east-1` Region.

Following is an example of an event rule:

```
{
  "source": ["aws.partnercentral-account"],
  "detail": {
    "catalog": ["AWS"]
  }
}
```

AWS SDK setup

You can use the AWS SDKs to create and manage EventBridge rules programmatically. For more information, see [PutRule](#) in the *Amazon EventBridge API Reference*.

The following example uses the AWS SDK for Python (Boto3):

```
import boto3

client = boto3.client('events', region_name='us-east-1')

response = client.put_rule(
    Name='MyConnectionInvitationReceivedRule',
    EventPattern=
    '{
      "source": ["aws.partnercentral-account"],
      "detail-type": ["Partner Connection Invitation Received"],
      "detail": {"catalog": ["AWS"]}
    }',
    State='ENABLED'
)
```

```
print('Rule ARN:', response['RuleArn'])
```

Learn more about account connections API events

The following sections describe the account connections API event types, scenarios that trigger them, and event examples.

Event types

Following are the event types and their triggers.

- [Partner Connection Invitation Received](#): Notifies the receiver that another partner wants to establish a connection
- [Partner Connection Invitation Accepted](#): Notifies the sender that their invitation was accepted and a connection is now active
- [Partner Connection Invitation Rejected](#): Notifies the sender that their invitation was declined
- [Partner Connection Cancelled](#): Notifies the other connected participant when an active connection is terminated
- [Partner Connection Invitation Cancelled](#): Notifies the receiver that the sender has withdrawn their invitation before any action was taken
- [Partner Connection Invitation Expired](#): Notifies both sender and receiver that the invitation has expired

Example events

The following sections provide examples of the events listed earlier in the previous section.

Topics

- [Partner Connection Invitation Received](#)
- [Partner Connection Invitation Accepted](#)
- [Partner Connection Invitation Rejected](#)
- [Partner Connection Cancelled](#)
- [Partner Connection Invitation Cancelled](#)
- [Partner Connection Invitation Expired](#)

Partner Connection Invitation Received

Triggering Context

This event is generated when a connection invitation is successfully created and persisted in PAC's data store via the `CreateConnectionInvitation` API. The event is sent immediately after the invitation creation completes successfully and is persisted in PAC's data store, not just when the API call is made.

The event will be automatically sent when a new connection invitation is created. One event per invitation created with no duplicate events for the same invitation.

Recipients

The AWS account of the receiver in the connection invitation.

Expected handling

Typical Customer Actions:

- Immediate Notification: Trigger alerts to business teams about new partnership opportunities
- Workflow Automation: Automatically update partner management systems with pending invitations
- Decision Support: Route invitations to appropriate decision makers based on connection type
- Audit Logging: Record invitation receipt for compliance and partnership tracking
- Response Automation: For trusted partners, potentially auto-accept certain invitation types

Common Integration Patterns:

- Lambda function → Update partner portal dashboard
- SQS queue → Batch process invitations for review
- SNS topic → Email/Slack notifications to business teams
- API destination → Webhook to external CRM/partner management systems

Example

```
{  
  "version": "1",
```

```

    "id": "<event id>",
    "detail-type": "Partner Connection Invitation Received",
    "source": "aws.partnercentral-account",
    "time": "<ISO 8601 date time>",
    "region": "us-east-1",
    "account": "<corresponding partner AWS account>",
    "resources": [ "<Connection Invitation ARN>" ],
    "detail": {
      "catalog": "AWS",
      "connectionInvitation" :{
        "arn": "<Connection Invitation ARN>",
        "id": "pacinv-****",
        "connectionType": "OpportunityCollaboration",
        "inviterEmail": "abc@def.com",
        "invitationMessage": "We'd like to collaborate on a joint solution for cloud
security. Please accept this connection invitation to proceed.",
        "senderCompanyName": "<Sender Partner Account Name>",
        "senderProfileId": "pprofile-****",
        "expiresAt": "<ISO 8601 date time>"
      }
    }
  }
}

```

Partner Connection Invitation Accepted

Triggering Context

This event is generated when a connection invitation is successfully accepted and a connection is created and persisted in PAC's data store via the `AcceptConnectionInvitation` API. The event is sent immediately after the invitation acceptance completes successfully and the connection is established.

The event will be automatically sent when a connection invitation is accepted. One event per invitation accepted with no duplicate events for the same acceptance.

Recipients

Both AWS accounts involved in the connection invitation: the sender account that originally sent the invitation and the receiver account that accepted the invitation.

Expected handling

Typical Customer Actions:

- **Partnership Activation:** Trigger workflows to enable Layer 2 business activities
- **Status Updates:** Update partner management systems with active connection status
- **Notification:** Alert business teams about successful partnership establishment
- **Access Provisioning:** Automatically grant appropriate permissions for collaboration
- **Analytics:** Track partnership conversion rates and success metrics

Common Integration Patterns:

- **Lambda function** → Enable data sharing permissions and update partner portal
- **SQS queue** → Batch process connection activations for business setup
- **SNS topic** → Email/Slack notifications to business and technical teams
- **API destination** → Webhook to CRM systems to update partnership status

Example

```
{
  "version": "1",
  "id": "<event id>",
  "detail-type": "Partner Connection Invitation Accepted",
  "source": "aws.partnercentral-account",
  "time": "<ISO 8601 date time>",
  "region": "us-east-1",
  "resources": [ "<<Connection Invitation ARN>>" , "<<Connection ARN>>" ],
  "account": "<corresponding partner AWS account>",
  "detail": {
    "catalog": "AWS",
    "connectionInvitation" :{
      "arn": "<<Connection Invitation ARN>>",
      "id": "pacinv-****",
      "connectionType": "OpportunityCollaboration"
    },
    "connection": {
      "arn": "<<Connection ARN>>",
      "id": "pac-*****",
      "Participant1AccountId": "<<Sender AWS AccountId>>",
      "Participant2AccountId": "<<Receiver AWS AccountId>>",
      "status": "ACTIVE"
    }
  }
}
```

```
}
```

Partner Connection Invitation Rejected

Triggering Context

This event is generated when a connection invitation is successfully rejected via the `RejectConnectionInvitation` API. The event is sent immediately after the invitation rejection is processed and persisted in PAC's data store.

The event will be automatically sent when a connection invitation is rejected. One event per invitation rejected with no duplicate events for the same rejection.

Recipients

The AWS account that originally sent the connection invitation (the sender account).

Expected handling

Typical Customer Actions:

- Status Updates: Update partner management systems with rejection status
- Follow-up Actions: Trigger workflows for alternative partnership approaches
- Notification: Alert business teams about partnership decision
- Cleanup: Remove pending invitation references from internal systems

Common Integration Patterns:

- Lambda function → Update partner portal and trigger follow-up workflows
- SQS queue → Batch process rejections for business analysis
- SNS topic → Email/Slack notifications to business development teams
- API destination → Webhook to CRM systems to update opportunity status

Example

```
{  
  "version": "1",  
  "id": "<event id>",
```

```

"detail-type": "Partner Connection Invitation Rejected",
"source": "aws.partnercentral-account",
"time": "<ISO 8601 date time>",
"region": "us-east-1",
"account": "<corresponding partner AWS account>",
"resources": [ "<<Connection Invitation ARN>>" ],
"detail": {
  "catalog": "AWS",
  "connectionInvitation" :{
    "arn": "<<Connection Invitation ARN>>",
    "id": "pacinv-****",
    "connectionType": "OpportunityCollaboration",
    "invitationMessage": "We'd like to collaborate on a joint solution for cloud
security. Please accept this connection invitation to proceed.",
    "receiverProfileId": "pprofile-****"
  }
}
}

```

Partner Connection Cancelled

Triggering Context

This event is generated when an active connection is successfully cancelled and the active status is updated to terminated in PAC's data store via the CancelConnection API. The event is sent immediately after the connection cancellation is processed and the connection status is updated.

The event will be automatically sent when a connection is terminated. One event per connection cancelled with no duplicate events for the same cancellation.

Recipients

The AWS account of the other participant in the connection (not the one who initiated cancellation).

Expected handling

Typical Customer Actions:

- Access Revocation: Immediately revoke permissions and disable data sharing
- Status Updates: Update partner management systems with terminated connection status
- Notification: Alert business and technical teams about partnership termination

- Cleanup: Remove connection references and clean up shared resources
- Analytics: Track connection duration and termination patterns

Common Integration Patterns:

- Lambda function → Revoke permissions and update partner portal status
- SQS queue → Batch process connection terminations for cleanup workflows
- SNS topic → Email/Slack notifications to business and technical teams
- API destination → Webhook to CRM systems to update partnership status

Example

```
{
  "version": "1",
  "id": "<event id>",
  "detail-type": "Partner Connection Cancelled",
  "source": "aws.partnercentral-account",
  "time": "<ISO 8601 date time>",
  "region": "us-east-1",
  "resources": [ "<<Connection ARN>>" ],
  "account": "<corresponding partner AWS account>",
  "detail": {
    "catalog": "AWS",
    "connection": {
      "arn": "<<Connection Invitation ARN>>",
      "id": "pac-****",
      "connectionType": "OpportunityCollaboration",
      "canceledBy": "<<AWS account ID>>"
    }
  }
}
```

Partner Connection Invitation Cancelled

Triggering Context

This event is generated when a pending connection invitation is successfully cancelled via the `CancelConnectionInvitation` API. The event is sent immediately after the invitation cancellation is processed and the invitation status is updated to `CANCELED`.

The event will be automatically sent when a connection invitation is canceled. One event per connection invitation cancelled with no duplicate events for the same cancellation.

Recipients

The AWS account that was supposed to receive the connection invitation (the receiver account).

Expected handling

Typical Customer Actions:

- Status Updates: Update partner management systems to remove pending invitation references
- Notification: Alert business teams that a potential partnership opportunity was withdrawn
- Cleanup: Remove invitation references from internal tracking systems
- Analytics: Track invitation cancellation patterns for partnership insights

Common Integration Patterns:

- Lambda function → Update partner portal and remove pending invitation notifications
- SQS queue → Batch process cancellations for business analysis
- SNS topic → Email/Slack notifications to business development teams
- API destination → Webhook to CRM systems to update opportunity status

Example

```
{
  "version": "1",
  "id": "<event id>",
  "detail-type": "Partner Connection Invitation Cancelled",
  "source": "aws.partnercentral-account",
  "time": "<ISO 8601 date time>",
  "region": "us-east-1",
  "account": "<corresponding partner AWS account>",
  "resources": [ "<Connection Invitation ARN>" ],
  "detail": {
    "catalog": "AWS",
    "connectionInvitation" :{
      "arn": "<Connection Invitation ARN>",
      "id": "pacinv-****",
```

```
    "connectionType": "OpportunityCollaboration",
    "invitationMessage": "We'd like to collaborate on a joint solution for cloud
security. Please accept this connection invitation to proceed.",
    "senderProfileId": "pprofile-*****"
  }
}
```

Partner Connection Invitation Expired

Triggering Context

This event is generated when a pending connection invitation automatically expires after reaching its ExpiresAt timestamp without being accepted or rejected by the receiver. The event is automatically triggered by the system when the invitation expiration time is reached.

The event will be automatically sent when a connection invitation expires. One event per invitation expired with no duplicate events for the same expiration.

Recipients

Both AWS accounts involved in the connection invitation: the sender account that originally sent the invitation and the receiver account that received the invitation.

Expected handling

Typical Customer Actions:

- Status Updates: Update partner management systems to mark invitation as expired
- Follow-up Actions: Trigger workflows for re-engagement or alternative partnership approaches
- Notification: Alert business teams about missed partnership opportunities
- Cleanup: Remove expired invitation references from internal tracking systems

Common Integration Patterns:

- Lambda function → Update partner portal and trigger follow-up workflows
- SQS queue → Batch process expirations for business analysis
- SNS topic → Email/Slack notifications to business development teams
- API destination → Webhook to CRM systems to update opportunity status

Example

```
{
  "version": "1",
  "id": "<event id>",
  "detail-type": "Partner Connection Invitation Expired",
  "source": "aws.partnercentral-account",
  "time": "<ISO 8601 date time>",
  "region": "us-east-1",
  "resources": [ "<<Connection Invitation ARN>>" ],
  "detail": {
    "catalog": "AWS",
    "connectionInvitation": {
      "arn": "<<Connection Invitation ARN>>",
      "id": "pacinv-****",
      "connectionType": "OpportunityCollaboration",
      "inviterEmail": "abc@def.com",
      "invitationMessage": "We'd like to collaborate on a joint solution for cloud security. Please accept this connection invitation to proceed.",
      "senderProfileId": "pprofile-****",
      "receiverProfileId": "pprofile-****"
    }
  }
}
```

Notifications for the AWS Partner Central Selling API

Events for the selling API provide real-time notifications about changes in the status or the details of opportunities. These events help keep your systems in sync with AWS Partner Central, and help ensure timely responses and updates.

Topics

- [Complete the prerequisite to monitor events](#)
- [Configure Amazon EventBridge to monitor events](#)
- [Learn more about selling API events](#)

Complete the prerequisite to monitor events

Users require the appropriate IAM permissions to access and manage events published by the Partner Central selling API. For more information about the available actions, resources, and

condition keys for EventBridge, see [Using IAM policy conditions in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. One of the condition keys is `events:detail-type`, which can be used to scope permissions to specific event types.

The following example policy demonstrates how to customize and scope the permissions for the proposed events. The `AllowPutRuleForPartnercentralSellingEvents` statement allows the creation of rules, but only for events from the `aws.partnercentral-selling` source.

JSON

```
{
  "Version": "2012-10-17",
  "Statement": {
    "Sid": "AllowPutRuleForPartnercentralSellingEvents",
    "Effect": "Allow",
    "Action": "events:PutRule",
    "Resource": "*",
    "Condition": {
      "ForAllValues:StringEquals": {
        "events:source": "aws.partnercentral-selling"
      }
    }
  }
}
```

Configure Amazon EventBridge to monitor events

To monitor selling API events, you create an EventBridge rule that matches the events that you want to capture. You can use the AWS Management Console or the AWS SDKs to create and manage rules. The following sections explain how to create rules using both methods. Regardless of the method you use, you must create the rule in the US East (N. Virginia) `us-east-1` Region.

AWS Management Console setup

To set up an EventBridge rule using the AWS Management Console, follow the steps in [Creating rules that react to events in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. When creating the rule, you must set the event bus to **default**, and create the rule in the US East (N. Virginia) `us-east-1` Region.

Following is an example of an event rule:

```
{
  "source": ["aws.partnercentral-selling"],
  "detail": {
    "catalog": ["AWS"]
  }
}
```

AWS SDK setup

You can use the AWS SDKs to create and manage EventBridge rules programmatically. For more information, see [PutRule](#) in the *Amazon EventBridge API Reference*.

The following example uses the AWS SDK for Python (Boto3):

```
import boto3

client = boto3.client('events', region_name='us-east-1')

response = client.put_rule(
    Name='MyOpportunityCreatedRule',
    EventPattern=
    '{
      "source": ["aws.partnercentral-selling"],
      "detail-type": ["Opportunity Created"],
      "detail": {"catalog": ["AWS"]}
    }',
    State='ENABLED'
)
print('Rule ARN:', response['RuleArn'])
```

Learn more about selling API events

The following sections describe the selling API event types, scenarios that trigger them, and event examples.

Event types

Following are the event types and their triggers.

- [Opportunity Created](#): Triggered when a new opportunity is created.
- [Opportunity Updated](#): Triggered when an opportunity (Opportunity or its corresponding AWS Opportunity Summary) is updated.

- [Engagement Invitation Created](#): Triggered when an AWS Referral invitation is created.
- [Engagement Invitation Accepted](#): Triggered when a partner accepts an AWS Engagement Invitation, confirming their interest in collaborating with AWS on the opportunity.
- [Engagement Invitation Rejected](#): Triggered when a partner rejects an AWS Engagement Invitation.
- [Engagement Invitation Expired](#): This event is triggered when a Partner rejects an EngagementInvitation. It notifies the sending and receiving partner that the invitation has expired.
- [Engagement Member Added](#): This event is triggered when a new member joins the Engagement after accepting an invitation. It notifies all current members of the Engagement about the new member being added to the Engagement.
- [Engagement Resource Snapshot Created](#): This event is triggered when the new revision of the Snapshot of the resources (such as opportunities) associated with an Engagement is created. It notifies all the current members of the Engagement about the changes to the associated resource Snapshot.
- [Engagement Created](#): Triggered when a new engagement is created.
- [Engagement Updated](#): Triggered when an engagement is updated.

Event scenarios

The following table describes how events operate under different scenarios. The following assumptions are made for these scenarios:

- AWS is also a partner in these scenarios.
- ResourceSnapshotJob is configured correctly by the partner.
- The fields updated on the opportunity are also on the opportunity template for Resource Snapshot.

Action by you as a partner	Events received	Participant type
You create an opportunity	Opportunity Created	
You use StartEngagementFromOpportun	Opportunity Updated, Engagement Created, Engagement Resource	

Action by you as a partner	Events received	Participant type
ityTask to submit an opportunity	Snapshot Created, Engagement Member Added, Engagement Invitation Created	
AWS approves your submitted opportunity	Engagement Invitation Accepted, Engagement Member Added, Opportunity Updated, Engagement Resource Snapshot Created	
AWS rejects your submitted opportunity	Engagement Invitation Rejected, Opportunity Updated, Engagement Resource Snapshot Created	
You associate an AWS Marketplace offer with an opportunity	Opportunity Updated	
You associate a solution with an opportunity	Opportunity Updated, Engagement Resource Snapshot Created	
You update an opportunity	Opportunity Updated, Engagement Resource Snapshot Created (Optional if ResourceSnapshotJob is set up and the field updates are on the template)	
AWS updates your opportunity	Opportunity Updated, Engagement Resource Snapshot Created	
You invite another partner to an engagement	Engagement Invitation Created	Sender

Action by you as a partner	Events received	Participant type
Your invitation to join an engagement is accepted by a partner	Engagement Invitation Accepted, Engagement Member Added	Sender
Your invitation to join an engagement is rejected by a partner	Engagement Invitation Rejected	Sender
Your invitation to join an engagement is not acted on by a partner for 15 days	Engagement Invitation Expired	Sender
You receive an invitation from another partner to join an engagement	Engagement Invitation Created	Receiver
You accept the invitation from another partner to join an engagement via <code>StartEngagementByAcceptingInvitationTask</code>	Engagement Invitation Accepted, Engagement Member Added, Opportunity Created, Opportunity Updated, Engagement Resource Snapshot Created	Receiver
You reject the invitation to join an engagement from another partner	Engagement Invitation Rejected	Receiver
You do not act on invitation to join an engagement from another partner for 15 days	Engagement Invitation Expired	Receiver
You create an engagement	Engagement Created	Sender
You update an engagement	Engagement Updated	Sender, Receiver

Example events

The following sections provide examples of the events listed earlier in the previous section.

Topics

- [Opportunity Created](#)
- [Opportunity Updated](#)
- [Engagement Invitation Created](#)
- [Engagement Invitation Accepted](#)
- [Engagement Invitation Rejected](#)
- [Engagement Invitation Expired](#)
- [Engagement Member Added](#)
- [Engagement Resource Snapshot Created](#)
- [Engagement Created](#)
- [Engagement Updated](#)

Opportunity Created

Partners use this event to:

- Notify their users that a new Opportunity has been created.
- Trigger automated workflows such as updating CRM systems or notifying sales teams about new opportunity creations.

The following example shows a typical Opportunity Created event.

```
{
  "version": "1",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "source": "aws.partnercentral-selling",
  "detail-type": "Opportunity Created",
  "time": "2023-04-16T15:23:45Z",
  "region": "us-east-1",
  "account": "123456789012",
  "detail": {
    "schemaVersion": "<version number>",
    "catalog": "<Sandbox | AWS>",
```

```
        "opportunity": {
            "identifier": "String"
        }
    }
}
```

Opportunity Updated

Partners use this event to:

- Notify their users that an existing Opportunity has been updated.
- Trigger automated workflows such as updating CRM systems or notifying sales teams.

The following example shows a typical Opportunity Updated event.

```
{
  "version": "1",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "source": "aws.partnercentral-selling",
  "detail-type": "Opportunity Updated",
  "time": "2023-04-16T15:23:45Z",
  "region": "us-east-1",
  "account": "123456789012",
  "detail": {
    "schemaVersion": "<version number>",
    "catalog": "<Sandbox | AWS>",
    "opportunity": {
      "identifier": "String"
    }
  }
}
```

Engagement Invitation Created

Partners use this event to:

- Notify their users about the new EngagementInvitation they have received.
- Trigger automated workflows to accept or reject the invitation, such as updating CRM systems or notifying sales teams.

The following example shows a typical Engagement Invitation Created event.

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Engagement Invitation Created",
  "source": "aws.partnercentral-selling",
  "account": "123456789012",
  "time": "2023-04-15T12:34:56Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-invitation/engi-
v7p8z56whnauo"
  ],
  "detail": {
    "catalog": "AWS",
    "engagementInvitation": {
      "arn": "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-invitation/
engi-v7p8z56whnauo",
      "id": "engi-v7p8z56whnauo",
      "engagementId": "eng-12345678901234",
      "senderAccountId": "string",
      "receiverAccountId": "string",
      "senderCompanyName": "string",
      "expirationDate": "string",
      "participantType": "Enum", //Sender/Receiver
      "payloadType": "LeadInvitation" //OpportunityInvitation|LeadInvitation
    }
  }
}
```

Engagement Invitation Accepted

Partners use this event to:

- Notify their users that the EngagementInvitation has been accepted.
- Update their internal records to reflect the new partner in the Engagement.
- Trigger automated workflows to synchronize data or notify other team members about the new Engagement member.

The following example shows a typical Engagement Invitation Accepted event.

```
{
```

```

    "version": "0",
    "id": "01234567-0123-0123-0123-0123456789ab",
    "detail-type": "Engagement Invitation Accepted",
    "source": "aws.partnercentral-selling",
    "account": "123456789012",
    "time": "2023-04-16T15:23:45Z",
    "region": "us-east-1",
    "resources": ["arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-invitation/engi-v7p8z56whnauo"],
    "detail": {
      "catalog": "AWS",
      "engagementInvitation": {
        "arn": "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-invitation/engi-v7p8z56whnauo",
        "id": "engi-v7p8z56whnauo",
        "engagementId": "eng-12356whnauo",
        "participantType": "Enum", //Sender/Receiver
        "senderAccountId": "string",
        "receiverAccountId": "string",
        "payloadType": "LeadInvitation" //OpportunityInvitation|LeadInvitation
      }
    }
  }
}

```

Engagement Invitation Rejected

Partners use this event to:

- Notify their users that the EngagementInvitation has been rejected.
- Update their internal records to reflect the rejected invitation.
- Trigger any necessary workflows, such as notifying the sales team about the rejection.

The following example shows a typical Engagement Invitation Rejected event.

```

{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Engagement Invitation Rejected",
  "source": "aws.partnercentral-selling",
  "account": "123456789012",
  "time": "2023-04-17T09:48:27Z",
  "region": "us-east-1",

```

```

    "resources": ["arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-invitation/
engi-v7p8z56whnauo"],
    "detail": {
      "catalog": "AWS",
      "engagementInvitation": {
        "arn": "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-
invitation/engi-v7p8z56whnauo",
        "id": "engi-v7p8z56whnauo",
        "engagementId": "eng-12356whnauo",
        "participantType": "Enum", //Sender/Receiver
        "senderAccountId": "string",
        "receiverAccountId": "string",
        "payloadType": "LeadInvitation" //OpportunityInvitation|LeadInvitation
      }
    }
  }
}

```

Engagement Invitation Expired

Partners use this event to:

- Notify their users that the EngagementInvitation has expired and can no longer be acted upon.
- Update their internal records to reflect the expired invitation.
- Trigger any necessary workflows, such as notifying the sales team about the expired invitation.

The following example shows a typical Engagement Invitation Expired event.

```

{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Engagement Invitation Expired",
  "source": "aws.partnercentral-selling",
  "account": "123456789012",
  "time": "2023-04-18T18:20:15Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-invitation/engi-
v7p8z56whnauo"
  ],
  "detail": {
    "catalog": "AWS",
    "engagementInvitation": {

```

```

    "arn": "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement-invitation/
engi-v7p8z56whnauo",
    "id": "engi-v7p8z56whnauo",
    "engagementId": "eng-12356whnauo",
    "participantType": "Enum", //Sender/Receiver
    "senderAccountId": "string",
    "receiverAccountId": "string",
    "payloadType": "LeadInvitation" //OpportunityInvitation|LeadInvitation
  }
}
}

```

Engagement Member Added

Partners use this event to:

- Notify their users about the changes to the Engagement membership.
- Update their internal records to reflect the new Engagement member.
- Trigger any necessary workflows, such as notifying team members about the changes.

The following example shows a typical Engagement Member Added event.

```

{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Engagement Member Added",
  "source": "aws.partnercentral-selling",
  "account": "123456789012",
  "time": "2023-04-16T15:23:45Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement/eng-v7p8z56whnauo"
  ],
  "detail": {
    "catalog": "AWS",
    "engagement": {
      "id": "eng-v7p8z56whnauo"
    },
    "engagementMember": {
      "accountId": "string",
      "companyName": "string"
    }
  }
}

```

```
}
}
```

Engagement Resource Snapshot Created

Partners use this event to track changes to resources associated with an engagement and trigger automated workflows, such as updating CRM systems or notifying sales teams. The snapshot template determines the type of update:

OpportunitySummaryView

- Notify all members of an engagement that the engagement has been updated.

AwsOpportunitySummaryFullView

- Track updates made specifically by AWS to opportunities within an engagement.
- This notification and snapshot are only visible to the opportunity owner.
- Includes deal sizing updates, which are not available through the OpportunitySummaryView template.

The following example shows a typical Engagement Resource Snapshot Created event.

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Engagement Resource Snapshot Created",
  "source": "aws.partnercentral-selling",
  "account": "123456789012",
  "time": "2023-04-18T18:20:15Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement/eng-v7p8z56whnauo"
  ],
  "detail": {
    "catalog" : "AWS",
    "resourceSnapshot": {
      "arn": "arn:aws:partnercentral-selling:us-east-1::catalog/AWS/engagement/eng-v7p8z56whnauo/resource/Opportunity/o-12312/template/temp-name/snapshot/snapshot-19232",
      "engagementId": "eng-v7p8z56whnauo",
      "resourceType": "Opportunity",
      "resourceId" : "0123211231",
      "createdBy": "123123123123",

```



```
        "targetMemberAccounts": ["123123123123", "aws"],
        "resourceSnapshotTemplateName": "temp-name"
    }
}
```

Engagement Created

Partners use this event to:

- Notify their users that a new Engagement has been created.
- Trigger automated workflows such as updating CRM systems or notifying sales teams about new engagement creations.

The following example shows a typical Engagement Created event.

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Engagement Created",
  "source": "aws.partnercentral-selling",
  "account": "123456789012",
  "time": "2023-04-18T18:20:15Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement/eng-567a1j5hxp351o"
  ],
  "detail": {
    "catalog": "AWS",
    "engagement": {
      "engagementArn": "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement/eng-567a1j5hxp351o",
      "engagementId": "eng-567a1j5hxp351o",
      "CreatedAt": "2023-04-18T18:20:15Z",
      "CreatedBy": "aws",
      "ContextTypes": ["Lead"]
    }
  }
}
```

Engagement Updated

Partners use this event to:

- Notify their users that an existing Engagement has been updated.
- Trigger automated workflows such as updating CRM systems or notifying sales teams.

The following example shows a typical Engagement Updated event.

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Engagement Updated",
  "source": "aws.partnercentral-selling",
  "account": "123456789012",
  "time": "2023-04-18T18:20:15Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement/eng-567a1j5hxp35lo"
  ],
  "detail": {
    "catalog": "AWS",
    "engagement": {
      "engagementArn": "arn:aws:partnercentral:us-east-1::catalog/AWS/engagement/eng-567a1j5hxp35lo",
      "engagementId": "eng-567a1j5hxp35lo",
      "LastModifiedAt": "2023-04-18T18:20:15Z",
      "LastModifiedBy": "aws",
      "ContextTypes": ["Lead", "CustomerProject"]
    }
  }
}
```

Notifications for the AWS Partner Central Benefits API

The Benefits Service provides EventBridge events for both BenefitApplications and BenefitAllocations. These events enable customers to build comprehensive event-driven architectures that respond to changes throughout the entire resources lifecycles - from initial Application through Allocation and final Fulfillment.

Topics

- [Complete the prerequisite to monitor events](#)
- [Configure Amazon EventBridge to monitor events](#)
- [Learn more about benefits API events](#)

Complete the prerequisite to monitor events

Users require the appropriate IAM permissions to access and manage events published by the benefits API. For more information about the available actions, resources, and condition keys for EventBridge, see [Using IAM policy conditions in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. One of the condition keys is `events:detail-type`, which can be used to scope permissions to specific event types.

The following example policy demonstrates how to customize and scope the permissions for the proposed events. The `AllowPutRuleForPartnerCentralBenefitsEvents` statement allows the creation of rules, but only for events from the `aws.partnercentral-benefits` source.

For detailed IAM policy examples, refer to the AWS documentation on EventBridge permissions.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AllowPutRuleForPartnerCentralBenefitsEvents",
      "Effect": "Allow",
      "Action": "events:PutRule",
      "Resource": "*",
      "Condition": {
        "StringEquals": {
          "events:source": "aws.partnercentral-benefits"
        }
      }
    }
  ]
}
```

Configure Amazon EventBridge to monitor events

To monitor benefits API events, you create an EventBridge rule that matches the events that you want to capture. You can use the AWS Management Console or the AWS SDKs to create and

manage rules. The following sections explain how to create rules using both methods. Regardless of the method you use, you must create the rule in the US East (N. Virginia) `us-east-1` Region.

AWS Management Console setup

To set up an EventBridge rule using the AWS Management Console, follow the steps in [Creating rules that react to events in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. When creating the rule, you must set the event bus to **default**, and create the rule in the US East (N. Virginia) `us-east-1` Region.

Following is an example of an event rule:

```
{
  "source": ["aws.partnercentral-benefits"],
  "detail": {
    "catalog": ["AWS"]
  }
}
```

AWS SDK setup

You can use the AWS SDKs to create and manage EventBridge rules programmatically. For more information, see [PutRule](#) in the *Amazon EventBridge API Reference*.

The following example uses the AWS SDK for Python (Boto3):

```
import boto3

client = boto3.client('events', region_name='us-east-1')

response = client.put_rule(
    Name='MyBenefitApplicationCreatedRule',
    EventPattern=
    '{
      "source": ["aws.partnercentral-benefits"],
      "detail-type": ["Benefit Application Created"],
      "detail": {"catalog": ["AWS"]}
    }',
    State='ENABLED'
)
print('Rule ARN:', response['RuleArn'])
```

Learn more about benefits API events

The following sections describe the benefits API event types, scenarios that trigger them, and event examples.

Event types

Following are the event types and their triggers.

Benefit Applications

- [Benefit Application Created](#): When a Benefit Application is created
- [Benefit Application In Review](#): When a Benefit Application is submitted or when the Application transitions from Action Required back to In Review, this event is triggered.
- [Benefit Application Action Required](#): This event occurs when an internal reviewer updates the application status to indicate that the partner needs to provide additional information, clarification, or modifications before the review can continue.
- [Benefit Application Rejected](#): This event occurs when an internal reviewer updates the application status to indicate that the application does not meet the benefit criteria or requirements and has been declined
- [Benefit Application Approved](#): This event occurs when an internal reviewer updates the application status to indicate that the application has been approved for benefit allocation.
- [Benefit Application Stage Changed](#): This event occurs when an internal reviewer updates the stage of the application during review processes such as Business Review, AWS Review, Financial Review, etc.

Benefit Allocations

- [Benefit Allocation Activated](#): When a Benefit Allocation is created or updated back to Activated by an internal service.
- [Benefit Allocation Inactivated](#): This event occurs when an internal reviewer updates the allocation status or when a Benefit Allocation expires automatically.
- [Benefit Allocation Fulfilled](#): This event occurs when an internal reviewer updates the allocation status to indicate that the allocation has been completely utilized.

Example events

The following sections provide examples of the events listed earlier in the previous section.

Topics

- [Benefit Application Created](#)
- [Benefit Application In Review](#)
- [Benefit Application Action Required](#)
- [Benefit Application Rejected](#)
- [Benefit Application Approved](#)
- [Benefit Application Stage Changed](#)
- [Benefit Allocation Activated](#)
- [Benefit Allocation Inactivated](#)
- [Benefit Allocation Fulfilled](#)

Benefit Application Created

Triggering Context

The Benefit Application Created event is published to Amazon EventBridge when a new Benefit Application is successfully created through the Benefits Service. This event occurs when the `CreateBenefitApplication` API call completes successfully, indicating that a partner has initiated a request for a specific benefit.

This event represents the beginning of the benefit application lifecycle and provides customers with immediate notification when new applications are submitted to their account.

Recipients

The owning account will receive the event for the Benefit Allocation.

Example

```
{
  "id": "7gh88765-k0jh-d08g-i292-2ff1796m030n",
  "detail-type": "Benefit Application Created",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
```

```
{
  "time": "2025-02-10T15:45:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-application/benappl-12345abcdef123"
  ],
  "detail": {
    "catalog": "AWS",
    "benefitApplication": {
      "id": "benappl-12345abcdef123",
      "fulfillmentTypes": ["CREDITS"],
      "status": "PENDING_SUBMISSION",
      "revision": "hh7e8400-e29b-41d4-a716-446655440012"
    },
    "benefit": {
      "id": "ben-xyz789uvw012",
      "name": "AWS Partner Credits",
      "program": ["AWS Partner Network"]
    }
  }
}
```

Benefit Application In Review

Triggering Context

The Benefit Application In Review event is published to Amazon EventBridge when a Benefit Application transitions to the IN_REVIEW status through the Benefits Service. This event occurs when:

- A partner submits their application via the SubmitBenefitApplication API call
- An application transitions from ACTION_REQUIRED back to IN_REVIEW after the partner addresses feedback
- An application is recalled and then resubmitted

This event indicates that the application has entered the formal review process and is being evaluated by AWS internal teams.

Recipients

The owning account will receive the event for the Benefit Allocation.

Example

```
{
  "id": "8hi99876-l1ki-e19h-j303-3gg2807n141o",
  "detail-type": "Benefit Application In Review",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
  "time": "2025-02-10T16:00:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-application/benappl-12345abcdef123"
  ],
  "detail": {
    "catalog": "AWS",
    "benefitApplication": {
      "id": "benappl-12345abcdef123",
      "fulfillmentTypes": ["CREDITS"],
      "status": "IN_REVIEW",
      "stage": "BUSINESS_REVIEW",
      "revision": "ii8f9511-f30c-52e5-b827-557766551123"
    },
    "benefit": {
      "id": "ben-xyz789uvw012",
      "name": "AWS Partner Credits",
      "program": ["AWS Partner Network"]
    }
  }
}
```

Benefit Application Action Required

Triggering Context

The Benefit Application Action Required event is published to Amazon EventBridge when a Benefit Application transitions to the `ACTION_REQUIRED` status through the Benefits Service. This event occurs when an internal reviewer updates the application status via the `UpdateBenefitApplicationInternal` API to indicate that the partner needs to provide additional information, clarification, or modifications before the review can continue.

This event represents a critical point in the application lifecycle where partner intervention is needed to move the application forward in the review process.

Recipients

The owning account will receive the event for the Benefit Allocation

Example

```
{
  "id": "9ij00987-m2lj-f20i-k414-4hh3918o252p",
  "detail-type": "Benefit Application Action Required",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
  "time": "2025-02-12T10:30:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-application/benappl-12345abcdef123"
  ],
  "detail": {
    "catalog": "AWS",
    "benefitApplication": {
      "id": "benappl-12345abcdef123",
      "fulfillmentTypes": ["CREDITS"],
      "status": "ACTION_REQUIRED",
      "stage": "BUSINESS_REVIEW",
      "revision": "jj9g0622-g41d-63f6-c938-668877662234"
    },
    "benefit": {
      "id": "ben-xyz789uvw012",
      "name": "AWS Partner Credits",
      "program": ["AWS Partner Network"]
    }
  }
}
```

Benefit Application Rejected

Triggering Context

The Benefit Application Rejected event is published to Amazon EventBridge when a Benefit Application transitions to the REJECTED status through the Benefits Service. This event occurs when an internal reviewer updates the application status via the UpdateBenefitApplicationInternal API to indicate that the application does not meet the benefit criteria or requirements and has been declined.

This event represents a terminal state in the application lifecycle where the application has been formally declined and will not proceed to benefit allocation.

Recipients

The owning account will receive the event for the Benefit Allocation.

Example

```
{
  "id": "0kl111098-n3mk-g31j-1525-5ii4029p363q",
  "detail-type": "Benefit Application Rejected",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
  "time": "2025-02-15T14:20:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-application/benappl-12345abcdef123"
  ],
  "detail": {
    "catalog": "AWS",
    "benefitApplication": {
      "id": "benappl-12345abcdef123",
      "fulfillmentTypes": ["CREDITS"],
      "status": "REJECTED",
      "revision": "kk0h1733-h52e-74g7-d049-779988773345"
    },
    "benefit": {
      "id": "ben-xyz789uvw012",
      "name": "AWS Partner Credits",
      "program": ["AWS Partner Network"]
    }
  }
}
```

Benefit Application Approved

Triggering Context

The Benefit Application Approved event is published to Amazon EventBridge when a Benefit Application transitions to the APPROVED status through the Benefits Service. This event occurs

when an internal reviewer updates the application status via the `UpdateBenefitApplicationInternal` API to indicate that the application meets all benefit criteria and requirements and has been approved for benefit allocation.

This event represents a successful completion of the application review process and typically triggers the creation of a corresponding Benefit Allocation.

Recipients

The owning account will receive the event for the Benefit Allocation.

Example

```
{
  "id": "1lm22109-o4nl-h42k-m636-6jj5130q474r",
  "detail-type": "Benefit Application Approved",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
  "time": "2025-02-14T16:45:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-application/benappl-12345abcdef123"
  ],
  "detail": {
    "catalog": "AWS",
    "benefitApplication": {
      "id": "benappl-12345abcdef123",
      "fulfillmentTypes": ["CREDITS"],
      "status": "APPROVED",
      "revision": "111i2844-i63f-85h8-e150-880099884456"
    },
    "benefit": {
      "id": "ben-xyz789uvw012",
      "name": "AWS Partner Credits",
      "program": ["AWS Partner Network"]
    }
  }
}
```

Benefit Application Stage Changed

Triggering Context

The Benefit Application Stage Changed event is published to Amazon EventBridge when a Benefit Application's review stage is updated through the Benefits Service. This event occurs when an internal reviewer updates the Stage of the application to one of the possible Enum values (FINANCE_REVIEW, BUSINESS_REVIEW, TECH_REVIEW and AWS_REVIEW).

Unlike status changes, stage changes are read-only informational updates that provide visibility into the internal review workflow progression without requiring partner action.

Recipients

The owning account will receive the event for the Benefit Allocation.

Example

```
{
  "id": "2mn33210-p5om-i53l-n747-7kk6241r585s",
  "detail-type": "Benefit Application Stage Changed",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
  "time": "2025-02-13T11:15:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-application/benappl-12345abcdef123"
  ],
  "detail": {
    "catalog": "AWS",
    "benefitApplication": {
      "id": "benappl-12345abcdef123",
      "fulfillmentTypes": ["CREDITS"],
      "status": "IN_REVIEW",
      "stage": "FINANCIAL_REVIEW",
      "revision": "mm2j3955-j74g-96i9-f261-991100995567"
    },
    "benefit": {
      "id": "ben-xyz789uvw012",
      "name": "AWS Partner Credits",
      "program": ["AWS Partner Network"]
    }
  }
}
```

```
}  
}
```

Benefit Allocation Activated

Triggering Context

The Benefit Allocation Activated event is published to Amazon EventBridge when a Benefit Allocation transitions to the ACTIVE status through the Benefits Service. This event occurs when an internal reviewer updates the allocation status via the `UpdateBenefitAllocationInternal` API to reactivate a previously inactive allocation.

This event typically occurs when an allocation that was temporarily inactivated (due to expiration, policy changes, or administrative reasons) is restored to active status, making the benefits available for partner utilization again.

Recipients

The AWS Account belonging to the Partner will receive the message. In other words, the AWS Account which owns the resource.

Sample Event

```
{  
  "id": "3no44321-q6pn-j64m-o858-8117352s696t",  
  "detail-type": "Benefit Allocation Activated",  
  "source": "aws.partnercentral-benefits",  
  "account": "123456789012",  
  "time": "2025-03-01T08:15:00Z",  
  "region": "us-east-1",  
  "resources": [  
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-allocation/benalloc-  
abc123def456"  
  ],  
  "detail": {  
    "catalog": "AWS",  
    "benefitAllocation": {  
      "id": "benalloc-abc123def456",  
      "fulfillmentType": "CREDITS",  
      "status": "ACTIVE"  
    },  
    "benefitApplication": {
```

```
    "id": "benappl-12345abcdef123"
  },
  "benefit": {
    "id": "ben-xyz789uvw012",
    "name": "AWS Partner Credits",
    "program": ["AWS Partner Network"]
  }
}
```

Benefit Allocation Inactivated

Triggering Context

The Benefit Allocation Inactivated event is published to Amazon EventBridge when a Benefit Allocation transitions to the INACTIVE status through the Benefits Service. This event occurs when an internal reviewer updates the allocation status via the `UpdateBenefitAllocationInternal` API or when a Benefit Allocation expires automatically.

This event typically occurs when an allocation is temporarily suspended (due to expiration, policy changes, compliance issues, or administrative reasons), making the benefits unavailable for partner utilization until reactivated.

Recipients

The AWS Account belonging to the Partner will receive the message. In other words, the AWS Account which owns the resource.

Sample Event

```
{
  "id": "4op55432-r7qo-k75n-p969-9mm8463t707u",
  "detail-type": "Benefit Allocation Inactivated",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
  "time": "2025-06-30T23:59:59Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123456789012:benefit-allocation/benalloc-abc123def456"
  ],
  "detail": {
```

```
"catalog": "AWS",
"benefitAllocation": {
  "id": "benalloc-abc123def456",
  "fulfillmentType": "CREDITS",
  "status": "INACTIVE"
},
"benefitApplication": {
  "id": "benappl-12345abcdef123"
},
"benefit": {
  "id": "ben-xyz789uvw012",
  "name": "AWS Partner Credits",
  "program": ["AWS Partner Network"]
}
}
```

Benefit Allocation Fulfilled

Triggering Context

The Benefit Allocation Fulfilled event is published to Amazon EventBridge when a Benefit Allocation transitions to the FULFILLED status through the Benefits Service. This event occurs when an internal reviewer updates the allocation status via the `UpdateBenefitAllocationInternal` API to indicate that the allocation has been completely utilized or that the benefit terms have been satisfied.

This event represents the completion of the benefit lifecycle, indicating that the partner has successfully utilized the allocated benefit or that the allocation has reached its natural conclusion.

Recipients

The AWS Account belonging to the Partner will receive the message. In other words, the AWS Account which owns the resource.

Sample Event

```
{
  "id": "5pq66543-s8rp-l86o-q070-0nn9574u818v",
  "detail-type": "Benefit Allocation Fulfilled",
  "source": "aws.partnercentral-benefits",
  "account": "123456789012",
```

```

"time": "2025-12-15T17:30:00Z",
"region": "us-east-1",
"resources": [
  "arn:aws:partnercentral:us-east-1:123456789012:benefit-allocation/benalloc-
abc123def456"
],
"detail": {
  "catalog": "AWS",
  "benefitAllocation": {
    "id": "benalloc-abc123def456",
    "fulfillmentType": "CREDITS",
    "status": "FULFILLED"
  },
  "benefitApplication": {
    "id": "benappl-12345abcdef123"
  },
  "benefit": {
    "id": "ben-xyz789uvw012",
    "name": "AWS Partner Credits",
    "program": ["AWS Partner Network"]
  }
}
}

```

Notifications for the AWS Partner Central Channel API

Events for the channel API provide real-time notifications about changes in the status or the details of channel-related activities. These events help keep your systems in sync with AWS Partner Central, and help ensure timely responses and updates.

Prerequisites

You need the appropriate IAM permissions to access and manage events from the AWS Partner Central Channel API. For information about the available actions, resources, and condition keys for EventBridge, see [Using IAM policy conditions in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. One of the condition keys is `events:detail-type`, which you can use to scope permissions to specific event types.

The following example policy demonstrates how to customize and scope permissions for the events. The `AllowPutRuleForPartnercentralChannelEvents` statement allows the creation of rules, but only for events from the `aws.partnercentral-channel` source.

For detailed IAM policy examples, refer to the AWS documentation on EventBridge permissions.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AllowPutRuleForPartnerCentralChannelEvents",
      "Effect": "Allow",
      "Action": "events:PutRule",
      "Resource": "*",
      "Condition": {
        "StringEquals": {
          "events:source": "aws.partnercentral-channel"
        }
      }
    }
  ]
}
```

Configure Amazon EventBridge to monitor events

To monitor channel API events, you create an EventBridge rule that matches the events that you want to capture. You can use the AWS Management Console or the AWS SDKs to create and manage rules. The following sections explain how to create rules using both methods. Regardless of the method you use, you must create the rule in the US East (N. Virginia) `us-east-1` Region.

AWS Management Console setup

To set up an EventBridge rule using the AWS Management Console, follow the steps in [Creating rules that react to events in Amazon EventBridge](#) in the *Amazon EventBridge User Guide*. When creating the rule, you must set the event bus to **default**, and create the rule in the US East (N. Virginia) `us-east-1` Region.

Following is an example of an event rule:

```
{
  "source": ["aws.partnercentral-channel"],
  "detail": {
    "catalog": ["AWS"]
  }
}
```

AWS SDK setup

You can use the AWS SDKs to create and manage EventBridge rules programmatically. For more information, see [PutRule](#) in the *Amazon EventBridge API Reference*.

The following example uses the AWS SDK for Python (Boto3):

```
import boto3

client = boto3.client('events', region_name='us-east-1')

response = client.put_rule(
    Name='ChannelHandshakeCreatedRule',
    EventPattern=
    '{
        "source": ["aws.partnercentral-channel"],
        "detail-type": ["Channel Handshake Created"],
        "detail": {"catalog": ["AWS"]}
    }',
    State='ENABLED'
)
print('Rule ARN:', response['RuleArn'])
```

Learn more about channel API events

The following sections describe the channel API event types, scenarios that trigger them, and event examples.

Event types

Following are the event types and their triggers.

- [Channel Handshake Created](#): Triggered when a new channel handshake is created.
- [Channel Handshake Accepted](#): Triggered when a new channel handshake is accepted.
- [Channel Handshake Rejected](#): Triggered when a new channel handshake is rejected.

Channel Handshake Created

The following examples show typical Channel Handshake Created events for different handshake types.

Start Service Period Handshake:

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Channel Handshake Created",
  "source": "aws.partnercentral-channel",
  "account": "789789789789",
  "time": "2025-02-01T00:00:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/ch-abc123def456g"
  ],
  "detail": {
    "requestId": "12345678-1234-1234-1234-123456789abc",
    "catalog": "AWS",
    "associatedResourceIdentifier": "rs-jkl012mno345p",
    "handshakeType": "START_SERVICE_PERIOD",
    "id": "ch-abc123def456g",
    "receiverAccountId": "789789789789",
    "ownerAccountId": "123123123123",
    "senderAccountId": "456456456456",
    "senderDisplayName": "TestDisplayName",
    "handshakeDetail": {
      "startServicePeriodHandshakeDetail": {
        "servicePeriodType": "MINIMUM_NOTICE_PERIOD",
        "minimumNoticeDays": "14",
        "endDate": null,
        "startDate": "2025-02-02T00:00:00Z",
        "note": "Test note example"
      }
    }
  }
}
```

Revoke Service Period Handshake:

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Channel Handshake Created",
  "source": "aws.partnercentral-channel",
  "account": "789789789789",
  "time": "2025-02-01T00:00:00Z",
```

```

    "region": "us-east-1",
    "resources": [
        "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/
ch-def456ghi789j"
    ],
    "detail": {
        "requestId": "12345678-1234-1234-1234-123456789abc",
        "catalog": "AWS",
        "associatedResourceIdentifier": "rs-jkl012mno345p",
        "handshakeType": "REVOKE_SERVICE_PERIOD",
        "id": "ch-def456ghi789j",
        "ownerAccountId": "123123123123",
        "receiverAccountId": "789789789789",
        "senderAccountId": "456456456456",
        "senderDisplayName": "TestDisplayName",
        "handshakeDetail": {
            "revokeServicePeriodHandshakeDetail": {
                "servicePeriodType": "MINIMUM_NOTICE_PERIOD",
                "minimumNoticeDays": "14",
                "endDate": null,
                "startDate": "2025-02-02T00:00:00Z",
                "note": "Test note example"
            }
        }
    }
}

```

Program Management Account Handshake:

```

{
    "version": "0",
    "id": "01234567-0123-0123-0123-0123456789ab",
    "detail-type": "Channel Handshake Created",
    "source": "aws.partnercentral-channel",
    "account": "456456456456",
    "time": "2025-02-01T00:00:00Z",
    "region": "us-east-1",
    "resources": [
        "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/
ch-ghi789jkl012m"
    ],
    "detail": {
        "requestId": "12345678-1234-1234-1234-123456789abc",

```

```

    "catalog": "AWS",
    "associatedResourceIdentifier": "pma-abc123def456g",
    "handshakeType": "PROGRAM_MANAGEMENT_ACCOUNT",
    "id": "ch-ghi789jkl012m",
    "ownerAccountId": "123123123123",
    "receiverAccountId": "456456456456",
    "senderAccountId": "123123123123",
    "senderDisplayName": "TestDisplayName",
    "handshakeDetail": {
      "programManagementAccountHandshakeDetail": {
        "program": "SOLUTION_PROVIDER"
      }
    }
  }
}

```

Channel Handshake Accepted

The following examples show typical Channel Handshake Accepted events for different handshake types.

Start Service Period Handshake:

```

{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Channel Handshake Accepted",
  "source": "aws.partnercentral-channel",
  "account": "123123123123",
  "time": "2025-02-01T00:00:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/ch-abc123def456g"
  ],
  "detail": {
    "requestId": "12345678-1234-1234-1234-123456789abc",
    "catalog": "AWS",
    "associatedResourceIdentifier": "rs-jkl012mno345p",
    "handshakeType": "START_SERVICE_PERIOD",
    "id": "ch-abc123def456g",
    "ownerAccountId": "123123123123",
    "receiverAccountId": "789789789789",

```

```

    "senderAccountId": "456456456456",
    "senderDisplayName": "TestDisplayName",
    "handshakeDetail": {
      "startServicePeriodHandshakeDetail": {
        "servicePeriodType": "MINIMUM_NOTICE_PERIOD",
        "minimumNoticeDays": "14",
        "endDate": null,
        "startDate": "2025-02-02T00:00:00Z",
        "note": "Test note example"
      }
    }
  }
}

```

Revoke Service Period Handshake:

```

{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Channel Handshake Accepted",
  "source": "aws.partnercentral-channel",
  "account": "123123123123",
  "time": "2025-02-01T00:00:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/ch-def456ghi789j"
  ],
  "detail": {
    "requestId": "12345678-1234-1234-1234-123456789abc",
    "catalog": "AWS",
    "associatedResourceIdentifier": "rs-jkl012mno345p",
    "handshakeType": "REVOKE_SERVICE_PERIOD",
    "id": "ch-def456ghi789j",
    "ownerAccountId": "123123123123",
    "receiverAccountId": "789789789789",
    "senderAccountId": "456456456456",
    "senderDisplayName": "TestDisplayName",
    "handshakeDetail": {
      "revokeServicePeriodHandshakeDetail": {
        "servicePeriodType": "MINIMUM_NOTICE_PERIOD",
        "minimumNoticeDays": "14",
        "endDate": null,

```

```

        "startDate": "2025-02-02T00:00:00Z",
        "note": "Test note example"
    }
}

```

Program Management Account Handshake:

```

{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Channel Handshake Accepted",
  "source": "aws.partnercentral-channel",
  "account": "123123123123",
  "time": "2025-02-01T00:00:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/ch-ghi789jkl012m"
  ],
  "detail": {
    "requestId": "12345678-1234-1234-1234-123456789abc",
    "catalog": "AWS",
    "associatedResourceIdentifier": "pma-abc123def456g",
    "handshakeType": "PROGRAM_MANAGEMENT_ACCOUNT",
    "id": "ch-ghi789jkl012m",
    "ownerAccountId": "123123123123",
    "receiverAccountId": "456456456456",
    "senderAccountId": "123123123123",
    "senderDisplayName": "TestDisplayName",
    "handshakeDetail": {
      "programManagementAccountHandshakeDetail": {
        "program": "SOLUTION_PROVIDER"
      }
    }
  }
}

```

Channel Handshake Rejected

The following examples show typical Channel Handshake Rejected events for different handshake types.

Start Service Period Handshake:

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Channel Handshake Rejected",
  "source": "aws.partnercentral-channel",
  "account": "123123123123",
  "time": "2025-02-01T00:00:00Z",
  "region": "us-east-1",
  "resources": [
    "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/ch-abc123def456g"
  ],
  "detail": {
    "requestId": "12345678-1234-1234-1234-123456789abc",
    "catalog": "AWS",
    "associatedResourceIdentifier": "rs-jkl012mno345p",
    "handshakeType": "START_SERVICE_PERIOD",
    "id": "ch-abc123def456g",
    "ownerAccountId": "123123123123",
    "receiverAccountId": "789789789789",
    "senderAccountId": "456456456456",
    "senderDisplayName": "TestDisplayName",
    "handshakeDetail": {
      "startServicePeriodHandshakeDetail": {
        "servicePeriodType": "MINIMUM_NOTICE_PERIOD",
        "minimumNoticeDays": "14",
        "endDate": null,
        "startDate": "2025-02-02T00:00:00Z",
        "note": "Test note example"
      }
    }
  }
}
```

Revoke Service Period Handshake:

```
{
  "version": "0",
  "id": "01234567-0123-0123-0123-0123456789ab",
  "detail-type": "Channel Handshake Rejected",
  "source": "aws.partnercentral-channel",
```



```

    "account": "123123123123",
    "time": "2025-02-01T00:00:00Z",
    "region": "us-east-1",
    "resources": [
        "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/
ch-def456ghi789j"
    ],
    "detail": {
        "requestId": "12345678-1234-1234-1234-123456789abc",
        "catalog": "AWS",
        "associatedResourceIdentifier": "rs-jkl012mno345p",
        "handshakeType": "REVOKE_SERVICE_PERIOD",
        "id": "ch-def456ghi789j",
        "ownerAccountId": "123123123123",
        "receiverAccountId": "789789789789",
        "senderAccountId": "456456456456",
        "senderDisplayName": "TestDisplayName",
        "handshakeDetail": {
            "revokeServicePeriodHandshakeDetail": {
                "servicePeriodType": "MINIMUM_NOTICE_PERIOD",
                "minimumNoticeDays": "14",
                "endDate": null,
                "startDate": "2025-02-02T00:00:00Z",
                "note": "Test note example"
            }
        }
    }
}

```

Program Management Account Handshake:

```

{
    "version": "0",
    "id": "01234567-0123-0123-0123-0123456789ab",
    "detail-type": "Channel Handshake Rejected",
    "source": "aws.partnercentral-channel",
    "account": "123123123123",
    "time": "2025-02-01T00:00:00Z",
    "region": "us-east-1",
    "resources": [
        "arn:aws:partnercentral:us-east-1:123123123123:catalog/AWS/channel-handshake/
ch-ghi789jkl012m"
    ],
}

```

```
"detail": {
  "requestId": "12345678-1234-1234-1234-123456789abc",
  "catalog": "AWS",
  "associatedResourceIdentifier": "pma-abc123def456g",
  "handshakeType": "PROGRAM_MANAGEMENT_ACCOUNT",
  "id": "ch-ghi789jkl012m",
  "ownerAccountId": "123123123123",
  "receiverAccountId": "456456456456",
  "senderAccountId": "123123123123",
  "senderDisplayName": "TestDisplayName",
  "handshakeDetail": {
    "programManagementAccountHandshakeDetail": {
      "program": "SOLUTION_PROVIDER"
    }
  }
}
```

Testing in a sandbox

Partners can use a sandbox to test and validate their AWS Partner Central API interactions in a secure and isolated environment, ensuring smooth operation before promoting their solution to the production environment. AWS offers a dynamic sandbox to AWS Partner Central API users that returns responses similar to the production environment. AWS does not provide a user interface to the sandbox environment. Therefore, partners need to rely on the programmatic responses to test their solutions.

Access to the sandbox environment

Partners gain access to the testing environment as soon as they link their AWS account to the Partner Central account. For more information, see [Linking your AWS account to AWS Partner Central account](#). Each request includes a `catalog` parameter, which determines the data environment. When `catalog` is set to `AWS`, it references production data, and when it's set to `Sandbox`, it references sandbox data.

Important details about the sandbox environment

1. **Data refresh:** Once per year, AWS refreshes the data in the sandbox environment (typically at the beginning of the year). After this refresh, you may lose some of the data in your testing environment.

2. Testing scope: The sandbox environment is typically used for functional testing and not for testing scalability or performance.

Topics

- [Testing in a sandbox for the AWS Partner Central Account API](#)
- [Testing in a sandbox for the AWS Partner Central Selling API](#)
- [Testing in a sandbox for the AWS Partner Central Benefits API](#)
- [Testing in a sandbox for the AWS Partner Central Channel API](#)

Testing in a sandbox for the AWS Partner Central Account API

How to use the sandbox

To use the sandbox, complete the following steps:

1. Create an IAM role:

Create an IAM role in the AWS account linked with your AWS Partner Central account.

2. Assign Policy:

Assign the following policy to the IAM role. For more information, see [Adding and removing IAM identity permissions](#).

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AccountManagement",
      "Effect": "Allow",
      "Action": [
        "partnercentral:AcceptConnectionInvitation",
        "partnercentral:AssociateAwsTrainingCertificationEmailDomain",
        "partnercentral:CancelConnection",
        "partnercentral:CancelConnectionInvitation",
        "partnercentral:CancelProfileUpdateTask",
        "partnercentral:CreateConnectionInvitation",
        "partnercentral:CreatePartner",
        "partnercentral:DisassociateAwsTrainingCertificationEmailDomain",
        "partnercentral:GetAllianceLeadContact",
```

```

    "partnercentral:GetConnection",
    "partnercentral:GetConnectionInvitation",
    "partnercentral:GetConnectionPreferences",
    "partnercentral:GetPartner",
    "partnercentral:GetProfileUpdateTask",
    "partnercentral:GetProfileVisibility",
    "partnercentral:GetVerification",
    "partnercentral:ListConnectionInvitations",
    "partnercentral:ListConnections",
    "partnercentral:ListPartners",
    "partnercentral:PutAllianceLeadContact",
    "partnercentral:PutProfileVisibility",
    "partnercentral:RejectConnectionInvitation",
    "partnercentral:SendEmailVerificationCode",
    "partnercentral:StartProfileUpdateTask",
    "partnercentral:StartVerification",
    "partnercentral:UpdateConnectionPreferences"
  ],
  "Resource": "*",
  "Condition": {
    "StringEquals": {
      "partnercentral:Catalog": [
        "Sandbox"
      ]
    }
  }
},
{
  "Sid": "TaggingAccess",
  "Effect": "Allow",
  "Action": [
    "partnercentral:TagResource",
    "partnercentral:UntagResource",
    "partnercentral:ListTagsForResource"
  ],
  "Resource": [
    "arn:aws:partnercentral:*:*:catalog/Sandbox/partner/*"
  ],
  "Condition": {
    "StringEquals": {
      "partnercentral:Catalog": [
        "Sandbox"
      ]
    }
  }
}

```

```
    }  
  }  
]  
}
```

3. Use IAM role credentials:

Use the credentials (secret key and access key) of this IAM role in your solution to perform the API actions.

Testing AWS actions

During the testing phase, it is often necessary to simulate AWS actions. This simulation enables partners to thoroughly test the complete end-to-end flow of their integration with AWS services. Each request includes a catalog parameter, which determines the data environment.

Simulating the creation of a Partner

To simulate the creation of a Partner, in the payload of the `CreatePartner` action, include `"catalog": "Sandbox"` in the payload.

For example:

```
{  
  "ClientToken": "client-generated-uuid",  
  "Catalog": "Sandbox",  
  "LegalName": "Your Name",  
  "PrimarySolutionType": "SOLUTION_TYPE",  
  "AllianceLeadContact": {  
    "FirstName": "Example First Name",  
    "LastName": "Example Last Name",  
    "BusinessTitle": "Example Title",  
    "Email": "example@domain.com"  
  },  
  "EmailVerificationCode": "123456"  
}
```

Note: In Sandbox email verification is disabled. You can use any six-digit `EmailVerificationCode` for testing. Also, don't use `"Tags"` in the request.

Additional testing notes

1. To test other actions, set "catalog": "Sandbox" in the payload.
2. To test partner account connections in sandbox, you must execute `StartProfileUpdateTask` action after creating partner in sandbox catalog.
3. To move to production, change the catalog value from Sandbox to AWS.

Testing events in the sandbox environment

Partners can consume events from the sandbox environment to help test the event-based implementations. Set up EventBridge in the same AWS account with rules to listen for sandbox events by specifying catalog: Sandbox in the event details. For more information, see [Account API Events](#).

Example event rule:

```
{
  "source": ["aws.partnercentral-account"],
  "detail": {
    "catalog": ["Sandbox"]
  }
}
```

Event rules that specify catalog as Sandbox will only match events coming from the sandbox, generated by the actions you perform in the sandbox environment.

Testing in a sandbox for the AWS Partner Central Selling API

How to use the sandbox

1. Create an IAM role:

Create an IAM role in the AWS account linked with your AWS Partner Central account.

2. Assign Policy:

Assign the following policy to the IAM role. For more information, see [Adding and removing IAM identity permissions](#).

JSON

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "partnercentral:CreateOpportunity",
        "partnercentral:UpdateOpportunity",
        "partnercentral:ListOpportunities",
        "partnercentral:GetOpportunity",
        "partnercentral:GetAwsOpportunitySummary",
        "partnercentral:ListSolutions",
        "partnercentral:AssociateOpportunity",
        "partnercentral:DisassociateOpportunity",
        "partnercentral:AssignOpportunity",
        "partnercentral:SubmitOpportunity",
        "partnercentral:AcceptEngagementInvitation",
        "partnercentral:CreateEngagementInvitation",
        "partnercentral:RejectEngagementInvitation",
        "partnercentral:GetEngagementInvitation",
        "partnercentral:ListEngagementInvitations",
        "partnercentral:StartEngagementFromOpportunityTask",
        "partnercentral:StartEngagementByAcceptingInvitationTask",
        "partnercentral:CreateResourceSnapshotJob",
        "partnercentral:StartResourceSnapshotJob",
        "partnercentral:CreateEngagement"
      ],
      "Resource": "*",
      "Condition": {
        "StringEquals": {
          "partnercentral:Catalog": "Sandbox"
        }
      }
    },
    {
      "Effect": "Allow",
      "Action": [
        "aws-marketplace:ListEntities",
        "aws-marketplace:DescribeEntity"
      ],
      "Resource": "*"
    }
  ]
}

```

```
    },
    {
      "Effect": "Allow",
      "Action": [
        "aws-marketplace:SearchAgreements",
        "aws-marketplace:DescribeAgreement"
      ],
      "Resource": "*",
      "Condition": {
        "StringEquals": {
          "aws-marketplace:PartyType": "Proposer"
        }
      }
    }
  ]
}
```

3. Use IAM role credentials:

Use the credentials (secret key and access key) of this IAM role in your solution to perform the API actions.

Testing AWS actions

During the testing phase, it is often necessary to simulate AWS actions. This simulation enables partners to thoroughly test the complete end-to-end flow of their integration with AWS services.

Simulating the creation of an AWS originated opportunity

To simulate the creation of an AWS originated opportunity, in the payload of the `CreateOpportunity` action, include `"Catalog": "Sandbox"` and `"Origin": "AWS Referral"`.

For example:

```
{
  "Catalog": "Sandbox",
  "Origin": "AWS Referral",
  "OpportunityIdentifier": "0123456",
  "Title": "Test Opportunity",
  ...
}
```


Simulating updates to a partner-originated opportunity

To simulate updates or other actions on a partner-originated opportunity, use the `UpdateOpportunity` action with `"Catalog": "Sandbox"` and `Lifecycle.ReviewStatus: "Approved"` or `"Action Required"` in the payload.

If you are taking the payload from the `GetOpportunity` action to do the update, ensure that you change the ID to `Identifier`, and remove the following fields:

- `CreatedDate`
- `OpportunityTeam`
- `RelatedEntityIdentifiers`

For example:

```
{
  "Catalog": "Sandbox",
  "Identifier": "0123456",
  "Title": "Updated Test Opportunity",
  "Lifecycle": {
    "ReviewStatus": "Approved"
  }
  ...
}
```

Testing events in the sandbox environment

Partners can consume opportunity events from the sandbox environment to help test the event-based implementations. Set up `EventBridge` in the same AWS account with rules to listen for sandbox events by specifying `catalog: sandbox` in the event details. For more information, see [Selling API Events](#).

Example event rule:

```
{
  "source": ["aws.partnercentral-selling"],
  "detail": {
    "catalog": ["Sandbox"]
  }
}
```

Event rules that specify `catalog` as `Sandbox` will only match events coming from the sandbox, generated by the actions you perform in the sandbox environment.

Additional testing notes

1. Testing `AssociateOpportunity` action:
 - a. Use the default solution "S-1234567" for testing the `AssociateOpportunity` action.
 - b. For testing Marketplace offers, use a real offer ID from your account.
2. To move to production, change the `catalog` value from `Sandbox` to `AWS`.

Getting help

If you encounter challenges integrating your CRM with AWS, or if you need to test a specific scenario not covered here, please reach out to support by raising a case through the following steps:

1. Sign in to the [AWS Partner Central](#) with your AWS Partner Network credentials.
2. On the [Support Center for Partner Central](#), choose `Open New Case` to log a new case. Complete the fields as follows:
 - a. Type of support case: `AWS Partner Central`.
 - b. Question regarding: `Partner Central Tools` or `ACE leads and opportunities`.
 - c. Get specific: Select the most appropriate CRM Integration case type.
 - d. Subject: Include a brief description of the request.
 - e. Description: Provide a detailed description of issues, questions, errors, and troubleshooting steps.
 - f. Attachments: Include logs and screenshots, where applicable.

Testing in a sandbox for the AWS Partner Central Benefits API

How to use the sandbox

To use the sandbox, complete the following steps:

1. Create an IAM role:

Create an IAM role in the AWS account linked with your AWS Partner Central account.

2. Assign Policy:

Assign the following policy to the IAM role. For more information, see [Adding and removing IAM identity permissions](#).

```
{
  "Version": "2012-10-17",
  "Statement": [{
    "Sid": "BenefitsManagement",
    "Effect": "Allow",
    "Action": [
      "partnercentral:ListBenefits",
      "partnercentral:GetBenefit",
      "partnercentral:CreateBenefitApplication",
      "partnercentral:AmendBenefitApplication",
      "partnercentral:UpdateBenefitApplication",
      "partnercentral:SubmitBenefitApplication",
      "partnercentral:GetBenefitApplication",
      "partnercentral:CancelBenefitApplication",
      "partnercentral:RecallBenefitApplication",
      "partnercentral:ListBenefitApplications",
      "partnercentral:AssociateBenefitApplicationResource",
      "partnercentral:DisassociateBenefitApplicationResource",
      "partnercentral:ListBenefitAllocations",
      "partnercentral:GetBenefitAllocation",
      "partnercentral:TagResource",
      "partnercentral:UntagResource",
      "partnercentral:ListTagsForResource"
    ],
    "Resource": "*",
    "Condition": {
      "StringEquals": {
        "partnercentral:Catalog": [
          "Sandbox"
        ]
      }
    }
  },
  {
    "Sid": "AWSPartnerOpportunityAccess",
    "Effect": "Allow",
    "Action": [
      "partnercentral:GetAwsOpportunitySummary",
```

```

        "partnercentral:GetOpportunity",
        "partnercentral:ListOpportunities"
    ],
    "Resource": "*",
    "Condition": {
        "StringEquals": {
            "partnercentral:Catalog": [
                "Sandbox"
            ]
        }
    }
},
{
    "Sid": "ListingAWSMarketplaceEntities",
    "Effect": "Allow",
    "Action": [
        "aws-marketplace:ListEntities"
    ],
    "Resource": "*"
},
{
    "Sid": "AWSMarketplaceOffersAccess",
    "Effect": "Allow",
    "Action": [
        "aws-marketplace:DescribeEntity"
    ],
    "Resource": [
        "arn:aws:aws-marketplace::AWSMarketplace/Offer/*"
    ]
},
{
    "Sid": "S3PutObjectAccess",
    "Effect": "Allow",
    "Action": [
        "s3:PutObject"
    ],
    "Resource": ["arn:aws:s3::aws-partner-central-marketplace-ephemeral-
writeonly-files/*"]
},
{
    "Sid": "TaggingAccess",
    "Effect": "Allow",
    "Action": [

```

```

        "partnercentral:TagResource",
        "partnercentral:UntagResource",
        "partnercentral:ListTagsForResource"
    ],
    "Resource": [
        "arn:aws:partnercentral:us-east-1:*:catalog/Sandbox/benefit-
application/*",
        "arn:aws:partnercentral:us-east-1:*:catalog/Sandbox/benefit-
allocation/*"
    ],
    "Condition": {
        "StringEquals": {
            "partnercentral:Catalog": [
                "Sandbox"
            ]
        }
    }
}
]
}

```

3. Use IAM role credentials:

Use the credentials (secret key and access key) of this IAM role in your solution to perform the API actions.

Testing AWS actions

During the testing phase, it is often necessary to simulate AWS actions. This simulation enables partners to thoroughly test the complete end-to-end flow of their integration with AWS services. Each request includes a catalog parameter, which determines the data environment.

Simulating the creation of a Benefit Application

To simulate the creation of a benefit application, in the payload of the `CreateBenefitApplication` action, include `"catalog": "Sandbox"` in the payload.

For example:

```

{
  "Catalog": "Sandbox",
  "ClientToken": "String",

```

```
"BenefitIdentifier": "String",
"FulfillmentTypes": ["String"],
"BenefitApplicationDetails": JsonDocument,
"Name": "String",
"Description": "String",
"Tags": [
  {
    "Key": "string",
    "Value": "string"
  }
],
"PartnerContacts": [
  {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string",
    "Phone": "string"
  }
],
"FileDetails": [
  {
    "FileURI": "String",
    "BusinessUseCase": "String"
  }
],
"AssociatedResources": [
  {
    "ResourceType": "BENEFIT_ALLOCATION | OPPORTUNITY",
    "ResourceArn": "ARN"
  }
]
}
```

Additional testing notes

1. To test other actions, set "catalog": "Sandbox" in the payload.
2. The Benefit IDs in Sandbox catalog and AWS catalog are different. Make GetBenefit API call with "catalog": "Sandbox" to get Benefit Identifier in the Sandbox.
3. The Benefit allocation in Sandbox catalog and AWS catalog are different.
4. To move to production, change the catalog value from Sandbox to AWS.

Testing events in the sandbox environment

Partners can consume events from the sandbox environment to help test the event-based implementations. Set up EventBridge in the same AWS account with rules to listen for sandbox events by specifying `catalog: Sandbox` in the event details. For more information, see [Benefits API Events](#).

Example event rule:

```
{
  "source": ["aws.partnercentral-benefits"],
  "detail": {
    "catalog": ["Sandbox"]
  }
}
```

Event rules that specify `catalog` as `Sandbox` will only match events coming from the sandbox, generated by the actions you perform in the sandbox environment.

Testing in a sandbox for the AWS Partner Central Channel API

Accounts in sandbox are not eligible for channel benefits, and are not validated against all program requirements.

How to use the sandbox

To use the sandbox, complete the following steps:

1. Create an IAM role:

Create an IAM role in the AWS account linked with your AWS Partner Central account.

2. Assign Policy:

Assign the following policy to the IAM role. For more information, see [Adding and removing IAM identity permissions](#).

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "ChannelManagement",
```

```

    "Effect": "Allow",
    "Action": [
        "partnercentral:CreateProgramManagementAccount",
        "partnercentral:UpdateProgramManagementAccount",
        "partnercentral:DeleteProgramManagementAccount",
        "partnercentral:ListProgramManagementAccounts",
        "partnercentral:GetProgramManagementAccount",
        "partnercentral:CreateRelationship",
        "partnercentral:UpdateRelationship",
        "partnercentral:DeleteRelationship",
        "partnercentral:GetRelationship",
        "partnercentral:ListRelationships",
        "partnercentral:CreateChannelHandshake",
        "partnercentral:AcceptChannelHandshake",
        "partnercentral:RejectChannelHandshake",
        "partnercentral:CancelChannelHandshake",
        "partnercentral:ListChannelHandshakes"
    ],
    "Resource": "*",
    "Condition": {
        "StringEquals": {
            "partnercentral:Catalog": [
                "Sandbox"
            ]
        }
    }
},
{
    "Sid": "TaggingAccess",
    "Effect": "Allow",
    "Action": [
        "partnercentral:TagResource",
        "partnercentral:UntagResource",
        "partnercentral:ListTagsForResource"
    ],
    "Resource": [
        "arn:aws:partnercentral:*:*:catalog/Sandbox/program-management-account/*",
        "arn:aws:partnercentral:*:*:catalog/Sandbox/channel-handshake/*"
    ],
    "Condition": {
        "StringEquals": {
            "partnercentral:Catalog": [
                "Sandbox"
            ]
        }
    }
}

```



```
    }  
  }  
}  
]  
}
```

3. Use IAM role credentials:

Use the credentials (secret key and access key) of this IAM role in your solution to perform the API actions.

Testing AWS actions

During the testing phase, it is often necessary to simulate AWS actions. This simulation enables partners to thoroughly test the complete end-to-end flow of their integration with AWS services. Each request includes a catalog parameter, which determines the data environment.

Simulating the creation of a Program Management Account

To simulate the creation of a Program Management Account, in the payload of the `CreateProgramManagementAccount` action, include `"catalog": "Sandbox"` in the payload.

For example:

```
{  
  "catalog": "Sandbox",  
  "accountId": "123456789012",  
  "displayName": "Test PMA Name",  
  "clientToken": "123abc456def789ghi",  
  "program": "SOLUTION_PROVIDER",  
  "tags": [  
    {  
      "key": "testkey",  
      "value": "testvalue"  
    }  
  ]  
}
```

Simulating updates to a Relationship

To simulate updates on a relationship, use the `UpdateRelationship` action with `"catalog": "Sandbox"` in the payload.

For example:

```
{
  "catalog": "Sandbox",
  "displayName": "Updated Test PMA",
  "identifier": "rs-abc123def456g",
  "programManagementAccountIdentifier": "pma-123abc456def7"
}
```

Additional testing notes

1. To test other actions, set "catalog": "Sandbox" in the payload.
2. To move to production, change the catalog value from Sandbox to AWS.

Testing events in the sandbox environment

Partners can consume events from the sandbox environment to help test the event-based implementations. Set up EventBridge in the same AWS account with rules to listen for sandbox events by specifying catalog: Sandbox in the event details. For more information, see [Channel API Events](#).

Example event rule:

```
{
  "source": ["aws.partnercentral-channel"],
  "detail": {
    "catalog": ["Sandbox"]
  }
}
```

Event rules that specify catalog as Sandbox will only match events coming from the sandbox, generated by the actions you perform in the sandbox environment.

Getting help

If you encounter challenges in testing, or if you need to test a specific scenario not covered here, please reach out to support by raising a case through the following steps:

1. Sign in to the [AWS Partner Central](#) with your AWS Partner Network credentials.

2. On the [Support Center for Partner Central](#), choose **Open New Case** to log a new case.

Complete the fields as follows:

- a. Type of support case: **Channel Program**
- b. Question regarding: **General Program Inquiry**
- c. Get specific: Select the most appropriate Channel case type.
- d. Subject: Include a brief description of the request.
- e. Description: Provide a detailed description of issues, questions, errors, and troubleshooting steps.
- f. Attachments: Include logs and screenshots, where applicable.

Code examples for Partner Central using AWS SDKs

The following code examples show how to use Partner Central with an AWS software development kit (SDK).

Actions are code excerpts from larger programs and must be run in context. While actions show you how to call individual service functions, you can see actions in context in their related scenarios.

Scenarios are code examples that show you how to accomplish specific tasks by calling multiple functions within a service or combined with other AWS services.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Code examples

- [Basic examples for Partner Central using AWS SDKs](#)
 - [Actions for Partner Central using AWS SDKs](#)
 - [Use AssignOpportunity with an AWS SDK](#)
 - [Use AssociateOpportunity with an AWS SDK](#)
 - [Use CreateOpportunity with an AWS SDK](#)
 - [Use DisassociateOpportunity with an AWS SDK](#)
 - [Use GetAwsOpportunitySummary with an AWS SDK](#)
 - [Use GetEngagementInvitation with an AWS SDK](#)
 - [Use GetOpportunity with an AWS SDK](#)
 - [Use ListEngagementInvitations with an AWS SDK](#)
 - [Use ListOpportunities with an AWS SDK](#)
 - [Use ListSolutions with an AWS SDK](#)
 - [Use RejectEngagementInvitation with an AWS SDK](#)
 - [Use StartEngagementByAcceptingInvitationTask with an AWS SDK](#)
 - [Use StartEngagementFromOpportunityTask with an AWS SDK](#)
 - [Use UpdateOpportunity with an AWS SDK](#)
 - [Scenarios for Partner Central using AWS SDKs](#)
 - [Update associated entity of an opportunity](#)

Basic examples for Partner Central using AWS SDKs

The following code examples show how to use the basics of AWS Partner Central with AWS SDKs.

Examples

- [Actions for Partner Central using AWS SDKs](#)
 - [Use AssignOpportunity with an AWS SDK](#)
 - [Use AssociateOpportunity with an AWS SDK](#)
 - [Use CreateOpportunity with an AWS SDK](#)
 - [Use DisassociateOpportunity with an AWS SDK](#)
 - [Use GetAwsOpportunitySummary with an AWS SDK](#)
 - [Use GetEngagementInvitation with an AWS SDK](#)
 - [Use GetOpportunity with an AWS SDK](#)
 - [Use ListEngagementInvitations with an AWS SDK](#)
 - [Use ListOpportunities with an AWS SDK](#)
 - [Use ListSolutions with an AWS SDK](#)
 - [Use RejectEngagementInvitation with an AWS SDK](#)
 - [Use StartEngagementByAcceptingInvitationTask with an AWS SDK](#)
 - [Use StartEngagementFromOpportunityTask with an AWS SDK](#)
 - [Use UpdateOpportunity with an AWS SDK](#)

Actions for Partner Central using AWS SDKs

The following code examples demonstrate how to perform individual Partner Central actions with AWS SDKs. Each example includes a link to GitHub, where you can find instructions for setting up and running the code.

These excerpts call the Partner Central API and are code excerpts from larger programs that must be run in context. You can see actions in context in [Scenarios for Partner Central using AWS SDKs](#).

The following examples include only the most commonly used actions. For a complete list, see the [AWS Partner Central API Reference](#).

Examples

- [Use AssignOpportunity with an AWS SDK](#)

- [Use AssociateOpportunity with an AWS SDK](#)
- [Use CreateOpportunity with an AWS SDK](#)
- [Use DisassociateOpportunity with an AWS SDK](#)
- [Use GetAwsOpportunitySummary with an AWS SDK](#)
- [Use GetEngagementInvitation with an AWS SDK](#)
- [Use GetOpportunity with an AWS SDK](#)
- [Use ListEngagementInvitations with an AWS SDK](#)
- [Use ListOpportunities with an AWS SDK](#)
- [Use ListSolutions with an AWS SDK](#)
- [Use RejectEngagementInvitation with an AWS SDK](#)
- [Use StartEngagementByAcceptingInvitationTask with an AWS SDK](#)
- [Use StartEngagementFromOpportunityTask with an AWS SDK](#)
- [Use UpdateOpportunity with an AWS SDK](#)

Use AssignOpportunity with an AWS SDK

The following code examples show how to use AssignOpportunity.

Java

SDK for Java 2.x

Reassign an existing Opportunity to another user.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.AssignOpportunityRequest;
```

```
import
    software.amazon.awssdk.services.partnercentralselling.model.AssignOpportunityResponse;
import
    software.amazon.awssdk.services.partnercentralselling.model.AssigneeContact;

/*
Purpose
PC-API-07 Assigning a new owner
*/

public class AssignOpportunity {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        String assigneeFirstName = "John";

        String assigneeLastName = "Doe";

        String assigneeEmail = "test@test.com";

        String businessTitle = "PartnerAccountManager";

        AssignOpportunityResponse response = getResponse(opportunityId,
            assigneeFirstName, assigneeLastName, assigneeEmail, businessTitle);

        ReferenceCodesUtils.formatOutput(response);
    }

    static AssignOpportunityResponse getResponse(String opportunityId, String
        assigneeFirstName, String assigneeLastName, String assigneeEmail, String
        businessTitle) {

        AssignOpportunityRequest assignOpportunityRequest =
            AssignOpportunityRequest.builder()
                .catalog(Constants.CATALOG_T0_USE)
```

```

        .identifier(opportunityId)
        .assignee(AssigneeContact.builder()
            .firstName(assigneeFirstName)
            .lastName(assigneeLastName)
            .email(assigneeEmail)
            .businessTitle(businessTitle)
            .build())
        .build();

    AssignOpportunityResponse response =
        client.assignOpportunity(assignOpportunityRequest);

    return response;
}
}

```

- For API details, see [AssignOpportunity](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Reassign an existing Opportunity to another user.

```

#!/usr/bin/env python

"""
Purpose
PC-API-07 Assigning a new owner
"""

import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,

```



```
        region_name='us-east-1'
    )

def assign_opportunity(identifier):
    assign_opportunity_request = {
        "Catalog": CATALOG_TO_USE,
        "Identifier": identifier,
        "Assignee": {
            "BusinessTitle": "OpportunityOwner",
            "Email": "test@test.com",
            "FirstName": "John",
            "LastName": "Doe"
        }
    }
    try:
        # Perform an API call
        response =
partner_central_client.assign_opportunity(**assign_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def usage_demo():
    identifier = "04236468"

    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Assigning a new owner to an opportunity.")
    print("-" * 88)

    helper.pretty_print_datetime(assign_opportunity(identifier))

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [AssignOpportunity](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use AssociateOpportunity with an AWS SDK

The following code examples show how to use AssociateOpportunity.

Action examples are code excerpts from larger programs and must be run in context. You can see this action in context in the following code example:

- [Update associated entity of an opportunity](#)

Java

SDK for Java 2.x

Create a formal association between an Opportunity and various related entities.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.AssociateOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.AssociateOpportunityResponse;

/*
Purpose
PC-API -11 Associating a product
PC-API -12 Associating a solution
PC-API -13 Associating an offer
entity_type = Solutions | AWSProducts | AWSMarketplaceOffers
*/
```

```
public class AssociateOpportunity {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        String entityType = "Solutions";

        String entityIdentifier = "S-00000000";

        AssociateOpportunityResponse response = getResponse(opportunityId,
            entityType, entityIdentifier );

        ReferenceCodesUtils.formatOutput(response);
    }

    static AssociateOpportunityResponse getResponse(String opportunityId, String
        entityType, String entityIdentifier) {

        AssociateOpportunityRequest associateOpportunityRequest =
            AssociateOpportunityRequest.builder()
                .catalog(Constants.CATALOG_TO_USE)
                .opportunityIdentifier(opportunityId)
                .relatedEntityType(entityType)
                .relatedEntityIdentifier(entityIdentifier)
                .build();

        AssociateOpportunityResponse response =
            client.associateOpportunity(associateOpportunityRequest);

        return response;
    }
}
```

- For API details, see [AssociateOpportunity](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Create a formal association between an Opportunity and various related entities.

```
#!/usr/bin/env python

"""
Purpose
PC-API -11 Associating a product
PC-API -12 Associating a solution
PC-API -13 Associating an offer
"""

import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def associate_opportunity(entity_type, entity_identifier, opportunityIdentifier):
    associate_opportunity_request = {
        "Catalog": CATALOG_TO_USE,
        "OpportunityIdentifier" : opportunityIdentifier,
        "RelatedEntityType" : entity_type,
        "RelatedEntityIdentifier" : entity_identifier
    }
    try:
        # Perform an API call
        response =
partner_central_client.associate_opportunity(**associate_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
```

```
        print(err.response)

def usage_demo():
    #entity_type = Solutions | AWSProducts | AWSMarketplaceOffers
    entity_type = "Solutions"
    entity_identifier = "S-0059717"
    opportunityIdentifier = "05465588"

    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Associate Opportunity.")
    print("-" * 88)

    helper.pretty_print_datetime(associate_opportunity(entity_type,
    entity_identifier, opportunityIdentifier))

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [AssociateOpportunity](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use CreateOpportunity with an AWS SDK

The following code examples show how to use CreateOpportunity.

.NET

SDK for .NET

Create an opportunity.

```
// Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.
// PDX-License-Identifier: Apache-2.0

using System;
using Newtonsoft.Json;
using Amazon;
```

```
using Amazon.Runtime;
using Amazon.PartnerCentralSelling;
using Amazon.PartnerCentralSelling.Model;

namespace AWSExample
{
    class Program
    {
        static readonly string catalogToUse = "AWS";
        static async Task Main(string[] args)
        {
            // Initialize credentials from .aws/credentials file
            var credentials = new
Amazon.Runtime.CredentialManagement.SharedCredentialsFile();
            if (credentials.TryGetProfile("default", out var profile))
            {
                AWSCredentials awsCredentials =
profile.GetAWSCredentials(credentials);

                var client = new
AmazonPartnerCentralSellingClient(awsCredentials);

                var request = new CreateOpportunityRequest
                {
                    Catalog = catalogToUse,
                    Origin = "Partner Referral",
                    Customer = new Customer
                    {
                        Account = new Account
                        {
                            Address = new Address
                            {
                                CountryCode = "US",
                                PostalCode = "99502",
                                StateOrRegion = "Alaska"
                            },
                            CompanyName = "TestCompanyName",
                            Duns = "123456789",
                            WebsiteUrl = "www.test.io",
                            Industry = "Automotive"
                        },
                        Contacts = new List<Contact>
                        {
                            new Contact
```

```

        {
            Email = "test@test.io",
            FirstName = "John ",
            LastName = "Doe",
            Phone = "+144444444444",
            BusinessTitle = "test title"
        }
    },
    Lifecycle = new Lifecycle
    {
        ReviewStatus = "Submitted",
        TargetCloseDate = "2024-12-30"
    },
    Marketing = new Marketing
    {
        Source = "None"
    },
    OpportunityType = "Net New Business",
    PrimaryNeedsFromAws = new List<string> { "Co-Sell -
Architectural Validation" },
    Project = new Project
    {
        Title = "Moin Test UUID",
        CustomerBusinessProblem = "Sandbox is not working as
expected",

        CustomerUseCase = "AI Machine Learning and Analytics",
        DeliveryModels = new List<string> { "SaaS or PaaS" },
        ExpectedCustomerSpend = new List<ExpectedCustomerSpend>
        {
            new ExpectedCustomerSpend
            {
                Amount = "2000.0",
                CurrencyCode = "USD",
                Frequency = "Monthly",
                TargetCompany = "Ibexlabs"
            }
        },
        SalesActivities = new List<string> { "Initialized
discussions with customer" }
    }
};

try

```

```
        {
            var response = await client.CreateOpportunityAsync(request);
            Console.WriteLine(response.HttpStatusCode);
            string formattedJson = JsonConvert.SerializeObject(response,
Formatting.Indented);
            Console.WriteLine(formattedJson);
        }
        catch (ValidationException ex)
        {
            Console.WriteLine("Validation error: " + ex.Message);
        }
        catch (AmazonPartnerCentralSellingException e)
        {
            Console.WriteLine("Failed:");
            Console.WriteLine(e.RequestId);
            Console.WriteLine(e.ErrorCode);
            Console.WriteLine(e.Message);
        }
    }
    else
    {
        Console.WriteLine("Profile not found.");
    }
}
}
```

- For API details, see [CreateOpportunity](#) in *AWS SDK for .NET API Reference*.

Java

SDK for Java 2.x

Create an opportunity.

```
package org.example;

import java.time.Instant;
import java.util.ArrayList;
import java.util.List;

import static org.example.utils.Constants.*;
```



```
import org.example.entity.Root;
import org.example.utils.ReferenceCodesUtils;
import org.example.utils.StringSerializer;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import software.amazon.awssdk.services.partnercentralselling.model.Account;
import software.amazon.awssdk.services.partnercentralselling.model.Address;
import software.amazon.awssdk.services.partnercentralselling.model.Contact;
import
    software.amazon.awssdk.services.partnercentralselling.model.CreateOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.CreateOpportunityResponse;
import software.amazon.awssdk.services.partnercentralselling.model.Customer;
import
    software.amazon.awssdk.services.partnercentralselling.model.ExpectedCustomerSpend;
import software.amazon.awssdk.services.partnercentralselling.model.LifeCycle;
import software.amazon.awssdk.services.partnercentralselling.model.Marketing;
import software.amazon.awssdk.services.partnercentralselling.model.MonetaryValue;
import
    software.amazon.awssdk.services.partnercentralselling.model.NextStepsHistory;
import software.amazon.awssdk.services.partnercentralselling.model.Project;
import
    software.amazon.awssdk.services.partnercentralselling.model.SoftwareRevenue;

import com.google.gson.Gson;
import com.google.gson.GsonBuilder;
import com.google.gson.ToNumberPolicy;

public class CreateOpportunity {

    static final Gson GSON = new GsonBuilder()
        .setObjectToNumberStrategy(ToNumberPolicy.LAZILY_PARSED_NUMBER)
        .registerTypeAdapter(String.class, new StringSerializer())
        .create();

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
```

```
        .build());

public static void main(String[] args) {

    String inputFile = "CreateOpportunity2.json";

    if (args.length > 0)
        inputFile = args[0];

    CreateOpportunityResponse response = createOpportunity(inputFile);

    client.close();
}

static CreateOpportunityResponse createOpportunity(String inputFile) {

    String inputString = ReferenceCodesUtils.readInputFileToString(inputFile);

    Root root = GSON.fromJson(inputString, Root.class);

    List<NextStepsHistory> nextStepsHistories = new ArrayList<NextStepsHistory>();
    if ( root.lifeCycle != null && root.lifeCycle.nextStepsHistories != null) {
        for (org.example.entity.NextStepsHistory nextStepsHistoryJson :
root.lifeCycle.nextStepsHistories) {
            NextStepsHistory nextStepsHistory = NextStepsHistory.builder()
                .time(Instant.parse(nextStepsHistoryJson.time))
                .value(nextStepsHistoryJson.value)
                .build();
            nextStepsHistories.add(nextStepsHistory);
        }
    }

    LifeCycle lifeCycle = null;
    if ( root.lifeCycle != null ) {
        lifeCycle = LifeCycle.builder()
            .closedLostReason(root.lifeCycle.closedLostReason)
            .nextSteps(root.lifeCycle.nextSteps)
            .nextStepsHistory(nextStepsHistories)
            .reviewComments(root.lifeCycle.reviewComments)
            .reviewStatus(root.lifeCycle.reviewStatus)
            .reviewStatusReason(root.lifeCycle.reviewStatusReason)
            .stage(root.lifeCycle.stage)
            .targetCloseDate(root.lifeCycle.targetCloseDate)
            .build();
    }
}
```

```
}

Marketing marketing = null;
if ( root.marketing != null ) {
    marketing = Marketing.builder()
        .awsFundingUsed(root.marketing.awsFundingUsed)
        .campaignName(root.marketing.campaignName)
        .channels(root.marketing.channels)
        .source(root.marketing.source)
        .useCases(root.marketing.useCases)
        .build();
}

Address address = null;
if ( root.customer != null && root.customer.account != null &&
root.customer.account.address != null ) {
    address = Address.builder()
        .city(root.customer.account.address.city)
            .postalCode(root.customer.account.address.postalCode)
            .stateOrRegion(root.customer.account.address.stateOrRegion)
            .countryCode(root.customer.account.address.countryCode)
            .streetAddress(root.customer.account.address.streetAddress)
            .build();
}

Account account = null;
if ( root.customer != null && root.customer.account!= null) {
    account = Account.builder()
        .address(address)
        .awsAccountId(root.customer.account.awsAccountId)
        .duns(root.customer.account.duns)
        .industry(root.customer.account.industry)
        .otherIndustry(root.customer.account.otherIndustry)
        .companyName(root.customer.account.companyName)
        .websiteUrl(root.customer.account.websiteUrl)
        .build();
}

List<Contact> contacts = new ArrayList<Contact>();
if ( root.customer != null && root.customer.contacts != null) {
    for (org.example.entity.Contact jsonContact : root.customer.contacts) {
        Contact contact = Contact.builder()
            .email(jsonContact.email)
```

```

        .firstName(jsonContact.firstName)
        .lastName(jsonContact.lastName)
        .phone(jsonContact.phone)
        .businessTitle(jsonContact.businessTitle)
        .build();
    contacts.add(contact);
}
}

Customer customer = Customer.builder()
    .account(account)
    .contacts(contacts)
    .build();

Contact oportunityTeamContact = null;
if (root.opportunityTeam != null && root.opportunityTeam.get(0) != null ) {
    oportunityTeamContact = Contact.builder()
        .firstName(root.opportunityTeam.get(0).firstName)
        .lastName(root.opportunityTeam.get(0).lastName)
        .email(root.opportunityTeam.get(0).email)
        .phone(root.opportunityTeam.get(0).phone)
        .businessTitle(root.opportunityTeam.get(0).businessTitle)
        .build();
}

List<ExpectedCustomerSpend> expectedCustomerSpend = new
ArrayList<ExpectedCustomerSpend>();
if ( root.project != null && root.project.expectedCustomerSpend != null) {
    for (org.example.entity.ExpectedCustomerSpend expectedCustomerSpendJson :
root.project.expectedCustomerSpend) {
        ExpectedCustomerSpend expectedCustomerSpend = null;
        expectedCustomerSpend = ExpectedCustomerSpend.builder()
            .amount(expectedCustomerSpendJson.amount)
            .currencyCode(expectedCustomerSpendJson.currencyCode)
            .frequency(expectedCustomerSpendJson.frequency)
            .targetCompany(expectedCustomerSpendJson.targetCompany)
            .build();
        expectedCustomerSpend.add(expectedCustomerSpend);
    }
}

Project project = null;
if ( root.project != null) {
    project = Project.builder()

```

```

        .title(root.project.title)
        .customerBusinessProblem(root.project.customerBusinessProblem)
        .customerUseCase(root.project.customerUseCase)
        .deliveryModels(root.project.deliveryModels)
        .expectedCustomerSpend(expectedCustomerSpends)
        .salesActivities(root.project.salesActivities)
        .competitorName(root.project.competitorName)
        .otherSolutionDescription(root.project.otherSolutionDescription)
        .build();
    }

    SoftwareRevenue softwareRevenue = null;
    if ( root.softwareRevenue != null) {
        MonetaryValue monetaryValue = null;
        if ( root.softwareRevenue.value != null) {
            monetaryValue = MonetaryValue.builder()
                .amount(root.softwareRevenue.value.amount)
                .currencyCode(root.softwareRevenue.value.currencyCode)
                .build();
        }
        softwareRevenue = SoftwareRevenue.builder()
            .deliveryModel(root.softwareRevenue.deliveryModel)
            .effectiveDate(root.softwareRevenue.effectiveDate)
            .expirationDate(root.softwareRevenue.expirationDate)
            .value(monetaryValue)
            .build();
    }

    // Building the Actual CreateOpportunity Request
    CreateOpportunityRequest createOpportunityRequest =
    CreateOpportunityRequest.builder()
        .catalog(CATALOG_TO_USE)
        .clientToken(root.clientToken)
        .primaryNeedsFromAwsWithStrings(root.primaryNeedsFromAws)
        .opportunityType(root.opportunityType)
        .lifeCycle(lifeCycle)
        .marketing(marketing)
        .nationalSecurity(root.nationalSecurity)
        .origin(root.origin)
        .customer(customer)
        .project(project)
        .partnerOpportunityIdentifier(root.partnerOpportunityIdentifier)
        .opportunityTeam(opportunityTeamContact)
        .softwareRevenue(softwareRevenue)

```

```
.build();

CreateOpportunityResponse response =
client.createOpportunity(createOpportunityRequest);
System.out.println("Successfully created: " + response);

return response;
}
}
```

- For API details, see [CreateOpportunity](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Create an opportunity.

```
#!/usr/bin/env python
import boto3
import logging
import sys
import os
sys.path.append(os.path.dirname(os.path.dirname(os.path.abspath(__file__))))
import utils.helpers as helper
import utils.stringify_details as sd
from botocore.client import ClientError
from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

def create_opportunity(partner_central_client):
    create_opportunity_request = helper.remove_nulls(sd.stringify_json("src/
create_opportunity/createOpportunity.json"))
    try:
        # Perform an API call
        response =
partner_central_client.create_opportunity(**create_opportunity_request)

        helper.pretty_print_datetime(response)
```

```

        # Retrieve the opportunity details
        get_response = partner_central_client.get_opportunity(
            Identifier=response["Id"],
            Catalog=CATALOG_TO_USE
        )
        helper.pretty_print_datetime(get_response)
        return response
    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def usage_demo():
    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Create Opportunity.")
    print("-" * 88)

    partner_central_client = boto3.client(
        service_name=serviceName,
        region_name='us-east-1'
    )

    create_opportunity(partner_central_client)

if __name__ == "__main__":
    usage_demo()

```

- For API details, see [CreateOpportunity](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use DisassociateOpportunity with an AWS SDK

The following code examples show how to use DisassociateOpportunity.

Action examples are code excerpts from larger programs and must be run in context. You can see this action in context in the following code example:

- [Update associated entity of an opportunity](#)

Java

SDK for Java 2.x

Remove an existing association between an Opportunity and related entities.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.DisassociateOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.DisassociateOpportunityResponse;

/*
Purpose
PC-API -14 Removing a Solution
PC-API -15 Removing an offer
PC-API -16 Removing a product
entity_type = Solutions | AWSProducts | AWSMarketplaceOffers
*/

public class DisassociateOpportunity {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {
```



```
String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

String entityType = "Solutions";

String entityIdentifier = "S-00000000";

DisassociateOpportunityResponse response = getResponse(opportunityId,
entityType, entityIdentifier );

ReferenceCodesUtils.formatOutput(response);
}

static DisassociateOpportunityResponse getResponse(String opportunityId, String
entityType, String entityIdentifier) {

    DisassociateOpportunityRequest disassociateOpportunityRequest =
DisassociateOpportunityRequest.builder()
        .catalog(Constants.CATALOG_TO_USE)
        .opportunityIdentifier(opportunityId)
        .relatedEntityType(entityType)
        .relatedEntityIdentifier(entityIdentifier)
        .build();

    DisassociateOpportunityResponse response =
client.disassociateOpportunity(disassociateOpportunityRequest);

    return response;
}
}
```

- For API details, see [DisassociateOpportunity](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Remove an existing association between an Opportunity and related entities.

```
#!/usr/bin/env python
```

```
"""
Purpose
PC-API -14 Removing a Solution
PC-API -15 Removing an offer
PC-API -16 Removing a product
"""

import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def disassociate_opportunity(entity_type, entity_identifier,
    opportunityIdentifier):
    disassociate_opportunity_request = {
        "Catalog": CATALOG_TO_USE,
        "OpportunityIdentifier" : opportunityIdentifier,
        "RelatedEntityType" : entity_type,
        "RelatedEntityIdentifier" : entity_identifier
    }
    try:
        # Perform an API call
        response =
partner_central_client.disassociate_opportunity(**disassociate_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def usage_demo():
    #entity_type = Solutions | AWSProducts | AWSMarketplaceOffers
    entity_type = "Solutions"
    entity_identifier = "S-0049999"
    opportunityIdentifier = "04397574"
```

```
logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

print("-" * 88)
print("Get updated Opportunity.")
print("-" * 88)

helper.pretty_print_datetime(disassociate_opportunity(entity_type,
entity_identifier, opportunityIdentifier))

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [DisassociateOpportunity](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use GetAwsOpportunitySummary with an AWS SDK

The following code examples show how to use GetAwsOpportunitySummary.

Java

SDK for Java 2.x

Retrieves a summary of an AWS Opportunity.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetAwsOpportunitySummaryRequest;
```

```
import
software.amazon.awssdk.services.partnercentralselling.model.GetAwsOpportunitySummaryResponse;

/**
 * Purpose
 * PC-API-25 Retrieves a summary of an AWS Opportunity.
 */

public class GetAwsOpportunitySummary {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        GetAwsOpportunitySummaryResponse response = getResponse(opportunityId);

        ReferenceCodesUtils.formatOutput(response);
    }

    public static GetAwsOpportunitySummaryResponse getResponse(String opportunityId)
    {

        GetAwsOpportunitySummaryRequest getOpportunityRequest =
            GetAwsOpportunitySummaryRequest.builder()
                .catalog(Constants.CATALOG_TO_USE)
                .relatedOpportunityIdentifier(opportunityId)
                .build();

        GetAwsOpportunitySummaryResponse response =
            client.getAwsOpportunitySummary(getOpportunityRequest);

        return response;
    }
}
```

- For API details, see [GetAwsOpportunitySummary](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Retrieves a summary of an AWS Opportunity.

```
#!/usr/bin/env python

"""
Purpose
PC-API-25 Retrieves a summary of an AWS Opportunity.
  Lifecycle.ReviewStatus=Approved
"""

import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def get_opportunity(identifier):
    get_opportunity_request = {
        "Catalog": CATALOG_TO_USE,
        "RelatedOpportunityIdentifier": identifier
    }
    try:
        # Perform an API call
        response =
partner_central_client.get_aws_opportunity_summary(**get_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def usage_demo():
```

```
identifier = "05465588"

logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

print("-" * 88)
print("Get AWS Opportunity summary.")
print("-" * 88)

helper.pretty_print_datetime(get_opportunity(identifier))

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [GetAwsOpportunitySummary](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use GetEngagementInvitation with an AWS SDK

The following code examples show how to use GetEngagementInvitation.

Java

SDK for Java 2.x

Retrieves the details of an engagement invitation shared by AWS with a partner.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
```

```
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetEngagementInvitationRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetEngagementInvitationResponse;

/*
 * Purpose
 * PC-API-22 Get engagement invitation opportunity
 */

public class GetEngagementInvitation {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        GetEngagementInvitationResponse response = getResponse(opportunityId);

        ReferenceCodesUtils.formatOutput(response);
    }

    static GetEngagementInvitationResponse getResponse(String opportunityId) {

        GetEngagementInvitationRequest getOpportunityRequest =
            GetEngagementInvitationRequest.builder()
                .catalog(Constants.CATALOG_TO_USE)
                .identifier(opportunityId)
                .build();

        GetEngagementInvitationResponse response =
            client.getEngagementInvitation(getOpportunityRequest);

        return response;
    }
}
```

- For API details, see [GetEngagementInvitation](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Retrieves the details of an engagement invitation shared by AWS with a partner.

```
#!/usr/bin/env python

"""
Purpose
PC-API-22 GetOpportunityEngagementInvitation - Retrieves details of a specific
engagement invitation.
This operation allows partners to view the invitation and its associated
information,
such as the customer, project, and lifecycle details.
"""

import json
import logging
import boto3
import utils.helpers as helper

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def get_opportunity_engagement_invitation(identifier):
    get_opportunity_engagement_invitation_request = {
        "Catalog": CATALOG_TO_USE,
        "Identifier": identifier
    }
    try:
        # Perform an API call
```



```

        response =
partner_central_client.get_engagement_invitation(**get_opportunity_engagement_invitation)
        return response

    except Exception as err:
        # Catch all client exceptions
        print(json.dumps(err.response))

def usage_demo():
    identifier = "arn:aws:partnercentral-selling:us-east-1:aws:catalog/Sandbox/
engagement-invitation/engi-00000000IS0Qga"

    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Given the ARN identifier, retrieve details of Opportunity Engagement
Invitation.")
    print("-" * 88)

    helper.pretty_print_datetime(get_opportunity_engagement_invitation(identifier))

if __name__ == "__main__":
    usage_demo()

```

- For API details, see [GetEngagementInvitation](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use GetOpportunity with an AWS SDK

The following code examples show how to use GetOpportunity.

.NET

SDK for .NET

Get an opportunity.

```
// Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.
// PDX-License-Identifier: Apache-2.0

using System;
using Newtonsoft.Json;
using Amazon;
using Amazon.Runtime;
using Amazon.PartnerCentralSelling;
using Amazon.PartnerCentralSelling.Model;

namespace AWSExample
{
    class Program
    {
        static readonly string catalogToUse = "AWS";
        static readonly string identifier = "01111111";
        static async Task Main(string[] args)
        {
            // Initialize credentials from .aws/credentials file
            var credentials = new
Amazon.Runtime.CredentialManagement.SharedCredentialsFile();
            if (credentials.TryGetProfile("default", out var profile))
            {
                AWSCredentials awsCredentials =
profile.GetAWSCredentials(credentials);

                var client = new
AmazonPartnerCentralSellingClient(awsCredentials);

                var request = new GetOpportunityRequest
                {
                    Catalog = catalogToUse,
                    Identifier = identifier
                };

                try {
                    var response = await client.GetOpportunityAsync(request);
                    Console.WriteLine(response.HttpStatusCode);
                    string formattedJson = JsonConvert.SerializeObject(response,
Formatting.Indented);
                    Console.WriteLine(formattedJson);
                } catch (ValidationException ex) {
                    Console.WriteLine("Validation error: " + ex.Message);
                }
            }
        }
    }
}
```

```
        } catch (AmazonPartnerCentralSellingException e) {
            Console.WriteLine("Failed:");
            Console.WriteLine(e.RequestId);
            Console.WriteLine(e.ErrorCode);
            Console.WriteLine(e.Message);
        }
    }
    else
    {
        Console.WriteLine("Profile not found.");
    }
}
}
```

- For API details, see [GetOpportunity](#) in *AWS SDK for .NET API Reference*.

Go

SDK for Go V2

Get an opportunity.

```
package main

import (
    "context"
    "encoding/json"
    "fmt"
    "log"

    "github.com/aws/aws-sdk-go-v2/aws"
    "github.com/aws/aws-sdk-go-v2/config"
    "github.com/aws/aws-sdk-go-v2/service/partnercentralselling"
)

func main() {
    config, err := config.LoadDefaultConfig(context.TODO())

    if err != nil {
        log.Fatal(err)
    }
}
```

```
}

config.Region = "us-east-1"

client := partnercentralselling.NewFromConfig(config)

output, err := client.GetOpportunity(context.TODO(),
&partnercentralselling.GetOpportunityInput{
    Identifier: aws.String("01111111"),
    Catalog:    aws.String("AWS"),
})

if err != nil {
    log.Fatal(err)
}
log.Println("printing opportuniy...\n")

jsonOutput, err := json.MarshalIndent(output, "", "    ")

fmt.Println(string(jsonOutput))
}
```

- For API details, see [GetOpportunity](#) in *AWS SDK for Go API Reference*.

Java

SDK for Java 2.x

Get an opportunity.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
```

```
import
    software.amazon.awssdk.services.partnercentralselling.model.GetOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetOpportunityResponse;

/*
 * Purpose
 * PC-API-08 Get updated Opportunity
 */

public class GetOpportunity {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        GetOpportunityResponse response = getResponse(opportunityId);

        ReferenceCodesUtils.formatOutput(response);
    }

    public static GetOpportunityResponse getResponse(String opportunityId) {

        GetOpportunityRequest getOpportunityRequest =
            GetOpportunityRequest.builder()
                .catalog(Constants.CATALOG_TO_USE)
                .identifier(opportunityId)
                .build();

        GetOpportunityResponse response =
            client.getOpportunity(getOpportunityRequest);

        return response;
    }
}
```

- For API details, see [GetOpportunity](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Get an opportunity.

```
#!/usr/bin/env python

"""
Purpose
PC-API -08 Get updated Opportunity given opportunity id
"""
import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def get_opportunity(identifier):
    get_opportunity_request = {
        "Catalog": CATALOG_TO_USE,
        "Identifier": identifier
    }
    try:
        # Perform an API call
        response =
partner_central_client.get_opportunity(**get_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)
```

```
def usage_demo():
    identifier = "05465588"

    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Get updated Opportunity.")
    print("-" * 88)

    helper.pretty_print_datetime(get_opportunity(identifier))

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [GetOpportunity](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use ListEngagementInvitations with an AWS SDK

The following code examples show how to use ListEngagementInvitations.

Java

SDK for Java 2.x

Retrieves a list of engagement invitations sent to the partner.

```
package org.example;

import java.util.ArrayList;
import java.util.List;

import org.example.utils.ReferenceCodesUtils;
import static org.example.utils.Constants.*;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
```

```
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.ListEngagementInvitationsReq
import
    software.amazon.awssdk.services.partnercentralselling.model.ListEngagementInvitationsRes
import
    software.amazon.awssdk.services.partnercentralselling.model.ParticipantType;
import
    software.amazon.awssdk.services.partnercentralselling.model.EngagementInvitationSummary;

public class ListEngagementInvitations {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {

        List<EngagementInvitationSummary> opportunitySummaries = getResponse();
        ReferenceCodesUtils.formatOutput(opportunitySummaries);
    }

    static List<EngagementInvitationSummary> getResponse() {

        List<EngagementInvitationSummary> opportunitySummaries = new
        ArrayList<EngagementInvitationSummary>();

        ListEngagementInvitationsRequest listOpportunityRequest =
        ListEngagementInvitationsRequest.builder()
            .catalog(CATALOG_TO_USE)
            .participantType(ParticipantType.RECEIVER)
            .maxResults(5)
            .build();

        ListEngagementInvitationsResponse response =
        client.listEngagementInvitations(listOpportunityRequest);

        opportunitySummaries.addAll(response.engagementInvitationSummaries());

        client.close();
    }
}
```



```
        return opportunitySummaries;
    }
}
```

- For API details, see [ListEngagementInvitations](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Retrieves a list of engagement invitations sent to the partner.

```
#!/usr/bin/env python

"""
Purpose
PC-API-21 ListEngagementInvitations - Retrieves a list of engagement invitations
based on specified criteria.
This operation allows partners to view all invitations to engagement.
"""

import json
import logging
import boto3
import utils.helpers as helper

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def list_engagement_invitations():
    list_engagement_invitations_request = {
        "Catalog": CATALOG_TO_USE,
        "MaxResults": 20
    }
    try:
```

```

        # Perform an API call
        response =
partner_central_client.list_engagement_invitations(**list_engagement_invitations_request)
        return response

    except Exception as err:
        # Catch all client exceptions
        print(json.dumps(err.response))

def usage_demo():
    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Retrieve list of Engagement Invitations.")
    print("-" * 88)

    helper.pretty_print_datetime(list_engagement_invitations())

if __name__ == "__main__":
    usage_demo()

```

- For API details, see [ListEngagementInvitations](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use ListOpportunities with an AWS SDK

The following code examples show how to use ListOpportunities.

.NET

SDK for .NET

List opportunities.

```

// Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.
// PDX-License-Identifier: Apache-2.0

```

```
using System;
using Newtonsoft.Json;
using Amazon;
using Amazon.Runtime;
using Amazon.PartnerCentralSelling;
using Amazon.PartnerCentralSelling.Model;

namespace AWSExample
{
    class Program
    {
        static readonly string catalogToUse = "Sandbox";
        static async Task Main(string[] args)
        {
            // Initialize credentials from .aws/credentials file
            var credentials = new
Amazon.Runtime.CredentialManagement.SharedCredentialsFile();
            if (credentials.TryGetProfile("default", out var profile))
            {
                AWSCredentials awsCredentials =
profile.GetAWSCredentials(credentials);

                //var config = new AmazonPartnerCentralSellingConfig()
                //{
                //    ServiceURL = "https://partnercentral-selling.us-
east-1.api.aws",
                //};
                //var client = new
AmazonPartnerCentralSellingClient(awsCredentials, config);
                var client = new
AmazonPartnerCentralSellingClient(awsCredentials);
                var request = new ListOpportunitiesRequest
                {
                    Catalog = catalogToUse,
                    MaxResults = 2
                };

                try {
                    var response = await client.ListOpportunitiesAsync(request);
                    Console.WriteLine(response.HttpStatusCode);
                    foreach (var opportunity in response.OpportunitySummaries)
                    {
                        Console.WriteLine("Opportunity id: " + opportunity.Id);
                    }
                }
            }
        }
    }
}
```

```
        string formattedJson =  
        JsonConvert.SerializeObject(response.OpportunitySummaries, Formatting.Indented);  
        Console.WriteLine(formattedJson);  
    } catch (ValidationException ex) {  
        Console.WriteLine("Validation error: " + ex.Message);  
    } catch (AmazonPartnerCentralSellingException e) {  
        Console.WriteLine("Failed:");  
        Console.WriteLine(e.RequestId);  
        Console.WriteLine(e.ErrorCode);  
        Console.WriteLine(e.Message);  
    }  
    }  
    else  
    {  
        Console.WriteLine("Profile not found.");  
    }  
    }  
    }  
}
```

- For API details, see [ListOpportunities](#) in *AWS SDK for .NET API Reference*.

Go

SDK for Go V2

List opportunities.

```
package main  
  
import (  
    "context"  
    "encoding/json"  
    "fmt"  
    "log"  
  
    "github.com/aws/aws-sdk-go-v2/aws"  
    "github.com/aws/aws-sdk-go-v2/config"  
    "github.com/aws/aws-sdk-go-v2/service/partnercentralselling"  
)
```

```
func main() {
    config, err := config.LoadDefaultConfig(context.TODO())

    if err != nil {
        log.Fatal(err)
    }

    config.Region = "us-east-1"

    client := partnercentralselling.NewFromConfig(config)

    output, err := client.ListOpportunities(context.TODO(),
        &partnercentralselling.ListOpportunitiesInput{
            MaxResults: aws.Int32(2),
            Catalog:    aws.String("AWS"),
        })

    if err != nil {
        log.Fatal(err)
    }

    jsonOutput, err := json.MarshalIndent(output, "", "    ")
    fmt.Println(string(jsonOutput))
}
```

- For API details, see [ListOpportunities](#) in *AWS SDK for Go API Reference*.

Java

SDK for Java 2.x

List opportunities.

```
package org.example;

import java.util.ArrayList;
import java.util.List;

import org.example.utils.ReferenceCodesUtils;
import static org.example.utils.Constants.*;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
```

```
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.ListOpportunitiesRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.ListOpportunitiesResponse;
import
    software.amazon.awssdk.services.partnercentralselling.model.OpportunitySummary;

/*
 * Purpose
 * PC-API-18 Getting list of Opportunities
 */

public class ListOpportunititesPaging {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {
        List<OpportunitySummary> opportunitySummaries = getResponse();
        ReferenceCodesUtils.formatOutput(opportunitySummaries);
    }

    private static List<OpportunitySummary> getResponse() {
        List<OpportunitySummary> opportunitySummaries = new
        ArrayList<OpportunitySummary>();

        ListOpportunitiesRequest listOpportunityRequest =
        ListOpportunitiesRequest.builder()
            .catalog(CATALOG_T0_USE)
            .maxResults(5)
            .build();

        ListOpportunitiesResponse response =
        client.listOpportunities(listOpportunityRequest);

        opportunitySummaries.addAll(response.opportunitySummaries());
    }
}
```

```

while (response.nextToken() != null && response.nextToken().length() > 0) {
    listOpportunityRequest = ListOpportunitiesRequest.builder()
        .catalog(CATALOG_T0_USE)
        .maxResults(5)
        .nextToken(response.nextToken())
        .build();
    response = client.listOpportunities(listOpportunityRequest);
    opportunitySummaries.addAll(response.opportunitySummaries());
}

client.close();

return opportunitySummaries;
}
}

```

- For API details, see [ListOpportunities](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

List opportunities.

```

#!/usr/bin/env python

"""
Purpose
PC-API -18 Getting list of Opportunities
"""

import json
import logging
import boto3
import utils.helpers as helper

from utils.constants import CATALOG_T0_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(

```

```

        service_name=serviceName,
        region_name='us-east-1'
    )

def get_list_of_opportunities():

    opportunity_list = []

    list_opportunities_request = {
        "Catalog": CATALOG_TO_USE,
        "MaxResults": 20
    }
    try:
        # Perform an API call
        response =
partner_central_client.list_opportunities(**list_opportunities_request)
        opportunity_list.extend(response["OpportunitySummaries"])

        while "NextToken" in response and response["NextToken"] is not None:
            list_opportunities_request["NextToken"] = response["NextToken"]
            response =
partner_central_client.list_opportunities(**list_opportunities_request)
            opportunity_list.extend(response["OpportunitySummaries"])

        return opportunity_list

    except Exception as err:
        # Catch all client exceptions
        print(json.dumps(err.response))

def usage_demo():
    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Getting list of Opportunities.")
    print("-" * 88)

    helper.pretty_print_datetime(get_list_of_opportunities())

if __name__ == "__main__":
    usage_demo()

```

- For API details, see [ListOpportunities](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use ListSolutions with an AWS SDK

The following code examples show how to use ListSolutions.

Java

SDK for Java 2.x

Retrieves a list of Partner Solutions that the partner registered on Partner Central.

```
package org.example;

import java.util.ArrayList;
import java.util.List;

import static org.example.utils.Constants.*;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.ListSolutionsRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.ListSolutionsResponse;
import software.amazon.awssdk.services.partnercentralselling.model.SolutionBase;

/*
 * Purpose
 * PC-API-10 Getting list of solutions
 */

public class ListSolutions {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
```

```

        .credentialsProvider(DefaultCredentialsProvider.create())
        .httpClient(ApacheHttpClient.builder().build())
        .build();

    public static void main(String[] args) {
        List<SolutionBase> solutionSummaries = getResponse();
        ReferenceCodesUtils.formatOutput(solutionSummaries);
    }

    static List<SolutionBase> getResponse() {
        List<SolutionBase> solutionSummaries = new ArrayList<SolutionBase>();

        ListSolutionsRequest listSolutionsRequest = ListSolutionsRequest.builder()
            .catalog(CATALOG_TO_USE)
            .maxResults(5)
            .build();

        ListSolutionsResponse response = client.listSolutions(listSolutionsRequest);

        solutionSummaries.addAll(response.solutionSummaries());

        return solutionSummaries;
    }
}

```

- For API details, see [ListSolutions](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Retrieves a list of Partner Solutions that the partner registered on Partner Central.

```

#!/usr/bin/env python

"""
Purpose
PC-API-10 Getting list of solutions
"""

import logging
import boto3

```

```
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def get_list_of_solutions():
    list_solutions_request = {
        "Catalog": CATALOG_TO_USE,
        "MaxResults": 20
    }
    try:
        # Perform an API call
        response =
partner_central_client.list_solutions(**list_solutions_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def usage_demo():
    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Getting list of solutions.")
    print("-" * 88)

    helper.pretty_print_datetime(get_list_of_solutions())

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [ListSolutions](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use RejectEngagementInvitation with an AWS SDK

The following code examples show how to use RejectEngagementInvitation.

Java

SDK for Java 2.x

Rejects an EngagementInvitation that AWS shared.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.RejectEngagementInvitationRe
import
    software.amazon.awssdk.services.partnercentralselling.model.RejectEngagementInvitationRe

/*
 * Purpose
 * PC-API-05 AWS Originated(A0) rejection
 */

public class RejectEngagementInvitation {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
```

```

        .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        RejectEngagementInvitationResponse response = getResponse(opportunityId);

        ReferenceCodesUtils.formatOutput(response);
    }

    static RejectEngagementInvitationResponse getResponse(String invitationId) {

        RejectEngagementInvitationRequest rejectOpportunityRequest =
        RejectEngagementInvitationRequest.builder()
            .catalog(Constants.CATALOG_TO_USE)
            .identifier(invitationId)
            .rejectionReason("Unable to support")
            .build();

        RejectEngagementInvitationResponse response =
        client.rejectEngagementInvitation(rejectOpportunityRequest);

        return response;
    }
}

```

- For API details, see [RejectEngagementInvitation](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Rejects an EngagementInvitation that AWS shared.

```

#!/usr/bin/env python

"""
Purpose
PC-API-05 AWS Originated A0 rejection - RejectOpportunityEngagementInvitation -
Rejects a engagement invitation.

```

This action indicates that the partner does not wish to participate in the engagement and provides a reason for the rejection. Upon rejection, a `OpportunityEngagementInvitationRejected` event is triggered. Subsequently, the invitation will no longer be available for the partner to act on.

```
"""
```

```
import json
import logging
import boto3
import utils.helpers as helper
```

```
from utils.constants import CATALOG_TO_USE
```

```
serviceName = "partnercentral-selling"
```

```
partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)
```

```
def reject_opportunity_engagement_invitation(identifier, reject_reason):
    reject_opportunity_engagement_invitation_request = {
        "Catalog": CATALOG_TO_USE,
        "Identifier": identifier,
        "RejectionReason": reject_reason
    }
```

```
    try:
```

```
        # Perform an API call
```

```
        response =
```

```
    partner_central_client.reject_engagement_invitation(**reject_opportunity_engagement_invitation_request)
    return response
```

```
    except Exception as err:
```

```
        # Catch all client exceptions
```

```
        print(json.dumps(err.response))
```

```
def usage_demo():
```

```
    identifier = "arn:aws:partnercentral:us-east-1::catalog/Sandbox/engagement-
invitation/engi-0000002isviga"
```

```
    reject_reason = "Customer problem unclear"
```

```
    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")
```

```
print("-" * 88)
print("Given the ARN identifier and reject reason, reject the Opportunity
Engagement Invitation.")
print("-" * 88)

helper.pretty_print_datetime(reject_opportunity_engagement_invitation(identifier,
reject_reason))

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [RejectEngagementInvitation](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use StartEngagementByAcceptingInvitationTask with an AWS SDK

The following code examples show how to use StartEngagementByAcceptingInvitationTask.

Java

SDK for Java 2.x

Starts the engagement by accepting an EngagementInvitation.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
```

```

import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.StartEngagementByAcceptingInvitationTaskRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.StartEngagementByAcceptingInvitationTaskResponse;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetEngagementInvitationRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetEngagementInvitationResponse;
import
    software.amazon.awssdk.services.partnercentralselling.model.InvitationStatus;

/*
Purpose
PC-API-04: Start Engagement By Accepting InvitationTask for AWS Originated(A0)
    opportunity
*/

public class StartEngagementByAcceptingInvitationTask {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    static String clientToken = "test-a30d161";

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        StartEngagementByAcceptingInvitationTaskResponse response =
            getResponse(opportunityId);

        if ( response == null) {
            System.out.println("Opportunity is not AWS Originated.");
        } else {
            ReferenceCodesUtils.formatOutput(response);
        }
    }
}

```



```
private static GetEngagementInvitationResponse getInvitation(String
invitationId) {

    GetEngagementInvitationRequest getRequest =
    GetEngagementInvitationRequest.builder()
        .catalog(Constants.CATALOG_TO_USE)
        .identifier(invitationId)
        .build();

    GetEngagementInvitationResponse response =
    client.getEngagementInvitation(getRequest);

    return response;
}

static StartEngagementByAcceptingInvitationTaskResponse getResponse(String
invitationId) {

    if ( getInvitation(invitationId).status().equals(InvitationStatus.PENDING)) {
        StartEngagementByAcceptingInvitationTaskRequest acceptOpportunityRequest =
        StartEngagementByAcceptingInvitationTaskRequest.builder()
            .catalog(Constants.CATALOG_TO_USE)
            .identifier(invitationId)
            .clientToken(clientToken)
            .build();

        StartEngagementByAcceptingInvitationTaskResponse response =
        client.startEngagementByAcceptingInvitationTask(acceptOpportunityRequest);
        return response;
    }
    return null;
}
}
```

- For API details, see [StartEngagementByAcceptingInvitationTask](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Starts the engagement by accepting an EngagementInvitation.

```
#!/usr/bin/env python

"""
Purpose
PC-API -11 Associating a product
PC-API -12 Associating a solution
PC-API -13 Associating an offer
"""

import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def get_opportunity(identifier):
    get_opportunity_request = {
        "Identifier": identifier,
        "Catalog": CATALOG_TO_USE
    }
    try:
        # Perform an API call
        response =
partner_central_client.get_engagement_invitation(**get_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def start_engagement_by_accepting_invitation_task(identifier):

    response = get_opportunity(identifier)

    if ( response['Status'] == 'PENDING') :
```

```

        accept_opportunity_engagement_invitation_request = {
            "Catalog": CATALOG_TO_USE,
            "Identifier" : identifier,
            "ClientToken": "test-123456"
        }
        try:
            # Perform an API call
            response =
partner_central_client.start_engagement_by_accepting_invitation_task(**accept_opportunity_engagement_invitation_request)
            return response

        except ClientError as err:
            # Catch all client exceptions
            print(err.response)
            return None
    else:
        return None

def usage_demo():
    identifier = "arn:aws:partnercentral:us-east-1::catalog/Sandbox/engagement-
invitation/engi-0000002isusga"
    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Get updated Opportunity.")
    print("-" * 88)

    helper.pretty_print_datetime(start_engagement_by_accepting_invitation_task(identifier))

if __name__ == "__main__":
    usage_demo()

```

- For API details, see [StartEngagementByAcceptingInvitationTask](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use StartEngagementFromOpportunityTask with an AWS SDK

The following code examples show how to use StartEngagementFromOpportunityTask.

Java

SDK for Java 2.x

Initiates the engagement process from an existing opportunity by accepting the engagement invitation and creating a corresponding opportunity in the partner's system.

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import software.amazon.awssdk.services.partnercentralselling.model.AwsSubmission;
import
    software.amazon.awssdk.services.partnercentralselling.model.SalesInvolvementType;
import
    software.amazon.awssdk.services.partnercentralselling.model.StartEngagementFromOpportunityTask;
import
    software.amazon.awssdk.services.partnercentralselling.model.StartEngagementFromOpportunityTaskRequest;
import software.amazon.awssdk.services.partnercentralselling.model.Visibility;

/*
 * Purpose
 * PC-API-01 Partner Originated (PO) opp submission(Start Engagement From
 * Opportunity Task for A0 Originated Opportunity)
 */

public class StartEngagementFromOpportunityTask {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
```

```

        .credentialsProvider(DefaultCredentialsProvider.create())
        .httpClient(ApacheHttpClient.builder().build())
        .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        StartEngagementFromOpportunityTaskResponse response =
getResponse(opportunityId);

        ReferenceCodesUtils.formatOutput(response);
    }

    static StartEngagementFromOpportunityTaskResponse getResponse(String
opportunityId) {

        StartEngagementFromOpportunityTaskRequest submitOpportunityRequest =
StartEngagementFromOpportunityTaskRequest.builder()
            .catalog(Constants.CATALOG_TO_USE)
            .identifier(opportunityId)
            .clientToken("test-annjqwesdsd99")

            .awsSubmission(AwsSubmission.builder().involvementType(SalesInvolvementType.CO_SELL).vis

                .build());

        StartEngagementFromOpportunityTaskResponse response =
client.startEngagementFromOpportunityTask(submitOpportunityRequest);

        return response;
    }
}

```

- For API details, see [StartEngagementFromOpportunityTask](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Initiates the engagement process from an existing opportunity by accepting the engagement invitation and creating a corresponding opportunity in the partner's system.

```
#!/usr/bin/env python

"""
Purpose
PC-API -11 Associating a product
PC-API -12 Associating a solution
PC-API -13 Associating an offer
"""

import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def start_engagement_from_opportunity_task(identifier):

    start_engagement_from_opportunity_task_request = {
        "AwsSubmission": {
            "InvolvementType": "Co-Sell",
            "Visibility": "Full"
        },
        "Catalog": CATALOG_TO_USE,
        "Identifier" : identifier,
        "ClientToken": "test-annjqwesdsd99"
    }
    try:
        # Perform an API call
        response =
partner_central_client.start_engagement_from_opportunity_task(**start_engagement_from_op
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)
```

```
        return None

def usage_demo():
    identifier = "05465588"

    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Start Engagement from Opportunity Task.")
    print("-" * 88)

    helper.pretty_print_datetime(start_engagement_from_opportunity_task(identifier))

if __name__ == "__main__":
    usage_demo()
```

- For API details, see [StartEngagementFromOpportunityTask](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Use UpdateOpportunity with an AWS SDK

The following code examples show how to use UpdateOpportunity.

Java

SDK for Java 2.x

Update an opportunity.

```
package org.example;

import java.time.Instant;
import java.util.ArrayList;
import java.util.List;

import static org.example.utils.Constants.*;
```

```
import org.example.entity.Root;
import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;
import org.example.utils.StringSerializer;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import software.amazon.awssdk.services.partnercentralselling.model.Account;
import software.amazon.awssdk.services.partnercentralselling.model.Address;
import software.amazon.awssdk.services.partnercentralselling.model.Contact;
import software.amazon.awssdk.services.partnercentralselling.model.Customer;
import
    software.amazon.awssdk.services.partnercentralselling.model.ExpectedCustomerSpend;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.GetOpportunityResponse;
import software.amazon.awssdk.services.partnercentralselling.model.LifeCycle;
import software.amazon.awssdk.services.partnercentralselling.model.Marketing;
import
    software.amazon.awssdk.services.partnercentralselling.model.NextStepsHistory;
import software.amazon.awssdk.services.partnercentralselling.model.Project;
import software.amazon.awssdk.services.partnercentralselling.model.ReviewStatus;
import
    software.amazon.awssdk.services.partnercentralselling.model.UpdateOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.UpdateOpportunityResponse;

import com.google.gson.Gson;
import com.google.gson.GsonBuilder;
import com.google.gson.ToNumberPolicy;

/*
 * Purpose
 * PC-API-02/06 Update opportunity when LifeCycle.ReviewStatus is not Submitted
or In-Review
 */

public class UpdateOpportunity {
```



```
static final Gson GSON = new GsonBuilder()
    .setObjectToNumberStrategy(ToNumberPolicy.LAZILY_PARSED_NUMBER)
    .registerTypeAdapter(String.class, new StringSerializer())
    .create();

static PartnerCentralSellingClient client =
PartnerCentralSellingClient.builder()
    .region(Region.US_EAST_1)
    .credentialsProvider(DefaultCredentialsProvider.create())
    .httpClient(ApacheHttpClient.builder().build())
    .build();

static String OPPORTUNITY_ORIGIN = ORIGIN_PARTNER_ORIGINATED;

public static void main(String[] args) {

    String inputFile = "updateOpportunity.json";

    if (args.length > 0)
        inputFile = args[0];

    UpdateOpportunityResponse response = updateOpportunity(inputFile);

    client.close();
}

public static GetOpportunityResponse getResponse(String opportunityId) {

    GetOpportunityRequest getOpportunityRequest =
GetOpportunityRequest.builder()
    .catalog(Constants.CATALOG_TO_USE)
    .identifier(opportunityId)
    .build();

    GetOpportunityResponse response =
client.getOpportunity(getOpportunityRequest);
    System.out.println(opportunityId + ":" + response);
    return response;
}

public static UpdateOpportunityResponse updateOpportunity(String inputFile) {

    String inputString = ReferenceCodesUtils.readInputFileToString(inputFile);
```

```

Root root = GSON.fromJson(inputString, Root.class);
GetOpportunityResponse response = getResponse(root.identifier);

if (response != null
    && response.lifeCycle() != null
    && response.lifeCycle().reviewStatus() != null
    && response.lifeCycle().reviewStatus() != ReviewStatus.SUBMITTED
    && response.lifeCycle().reviewStatus() != ReviewStatus.IN_REVIEW) {

    List<NextStepsHistory> nextStepsHistories = new ArrayList<NextStepsHistory>();
    if ( root.lifeCycle != null && root.lifeCycle.nextStepsHistories != null) {
        for (org.example.entity.NextStepsHistory nextStepsHistoryJson :
root.lifeCycle.nextStepsHistories) {
            NextStepsHistory nextStepsHistory = NextStepsHistory.builder()
                .time(Instant.parse(nextStepsHistoryJson.time))
                .value(nextStepsHistoryJson.value)
                .build();
            nextStepsHistories.add(nextStepsHistory);
        }
    }

    LifeCycle lifeCycle = null;
    if ( root.lifeCycle != null ) {
        lifeCycle = LifeCycle.builder()
            .closedLostReason(root.lifeCycle.closedLostReason)
            .nextSteps(root.lifeCycle.nextSteps)
            .nextStepsHistory(nextStepsHistories)
            .reviewComments(root.lifeCycle.reviewComments)
            .reviewStatus(root.lifeCycle.reviewStatus)
            .reviewStatusReason(root.lifeCycle.reviewStatusReason)
            .stage(root.lifeCycle.stage)
            .targetCloseDate(root.lifeCycle.targetCloseDate)
            .build();
    }

    Marketing marketing = null;
    if ( root.marketing != null ) {
        marketing = Marketing.builder()
            .awsFundingUsed(root.marketing.awsFundingUsed)
            .campaignName(root.marketing.campaignName)
            .channels(root.marketing.channels)
            .source(root.marketing.source)
            .useCases(root.marketing.useCases)
            .build();
    }

```

```

    }

    Address address = null;
    if (root.customer != null && root.customer.account != null &&
root.customer.account.address != null) {
        address =
Address.builder().postalCode(root.customer.account.address.postalCode)
        .stateOrRegion(root.customer.account.address.stateOrRegion)
        .countryCode(root.customer.account.address.countryCode).build();
    }

    Account account = null;
    if (root.customer != null && root.customer.account != null) {
        account = Account.builder().address(address).duns(root.customer.account.duns)

.industry(root.customer.account.industry).companyName(root.customer.account.companyName)
        .websiteUrl(root.customer.account.websiteUrl).build();
    }

    List<Contact> contacts = new ArrayList<Contact>();
    if ( root.customer != null && root.customer.contacts != null) {
        for (org.example.entity.Contact jsonContact : root.customer.contacts) {
            Contact contact = Contact.builder()
                .email(jsonContact.email)
                .firstName(jsonContact.firstName)
                .lastName(jsonContact.lastName)
                .phone(jsonContact.phone)
                .businessTitle(jsonContact.businessTitle)
                .build();
            contacts.add(contact);
        }
    }

    Customer customer =
Customer.builder().account(account).contacts(contacts).build();

    List<ExpectedCustomerSpend> expectedCustomerSpends = new
ArrayList<ExpectedCustomerSpend>();
    if ( root.project != null && root.project.expectedCustomerSpend != null) {
        for (org.example.entity.ExpectedCustomerSpend expectedCustomerSpendJson :
root.project.expectedCustomerSpend) {
            ExpectedCustomerSpend expectedCustomerSpend = null;
            expectedCustomerSpend = ExpectedCustomerSpend.builder()

```

```

        .amount(expectedCustomerSpendJson.amount)
        .currencyCode(expectedCustomerSpendJson.currencyCode)
        .frequency(expectedCustomerSpendJson.frequency)
        .targetCompany(expectedCustomerSpendJson.targetCompany)
        .build();
    expectedCustomerSpend.add(expectedCustomerSpend);
}

}

Project project = null;
if (root.project != null) {
    project = Project.builder().title(root.project.title)
        .customerBusinessProblem(root.project.customerBusinessProblem)

.customerUseCase(root.project.customerUseCase).deliveryModels(root.project.deliveryModel
    .expectedCustomerSpend(expectedCustomerSpend)

.salesActivities(root.project.salesActivities).competitorName(root.project.competitorName
    .otherSolutionDescription(root.project.otherSolutionDescription).build();
}

// Building the Actual CreateOpportunity Request
UpdateOpportunityRequest updateOpportunityRequest =
UpdateOpportunityRequest.builder().catalog(root.catalog)

.identifier(root.identifier).lastModifiedDate(Instant.parse(root.lastModifiedDate))

.primaryNeedsFromAwsWithStrings(root.primaryNeedsFromAws).opportunityType(root.opportuni
    .lifeCycle(lifeCycle)
    .customer(customer)
    .project(project)
    .partnerOpportunityIdentifier(root.partnerOpportunityIdentifier)
    .marketing(marketing)
    .nationalSecurity(root.nationalSecurity)
    .opportunityType(root.opportunityType)
    .build();

UpdateOpportunityResponse updateResponse =
client.updateOpportunity(updateOpportunityRequest);
System.out.println("Successfully updated opportunity: " + updateResponse);

return updateResponse;
} else {
    System.out.println("Opportunity cannot be updated.");
}

```

```
        return null;
    }
}
```

- For API details, see [UpdateOpportunity](#) in *AWS SDK for Java 2.x API Reference*.

Python

SDK for Python (Boto3)

Update an opportunity.

```
#!/usr/bin/env python

"""
Purpose
PC-API-2  Updating Partner Originated Opportunity
"""
import logging
import boto3
import sys
import os
sys.path.append(os.path.dirname(os.path.dirname(os.path.abspath(__file__))))
import utils.helpers as helper
from botocore.client import ClientError
import utils.stringify_details as sd
from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
    service_name=serviceName,
    region_name='us-east-1'
)

def get_opportunity(identifier):
    get_opportunity_request = {
        "Identifier": identifier,
        "Catalog": CATALOG_TO_USE
    }
```

```
    try:
        # Perform an API call
        response =
partner_central_client.get_opportunity(**get_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def update_opportunity():
    update_opportunity_request_orig = sd.stringify_json("src/update_opportunity/
update_opportunity_technical_validation.json")
    update_opportunity_request =
helper.remove_nulls(update_opportunity_request_orig)

    try:
        # Perform an API call
        response =
partner_central_client.update_opportunity(**update_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def update_opportunity_if_eligible(identifier):
    response = get_opportunity(identifier)
    if response is not None:
        return update_opportunity()
    else:
        print("Failed to retrieve opportunity details")

def usage_demo():
    identifier = "05465588"

    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Updating opportunity.")
    print("-" * 88)

    helper.pretty_print_datetime(update_opportunity_if_eligible(identifier))
```

```
if __name__ == "__main__":  
    usage_demo()
```

- For API details, see [UpdateOpportunity](#) in *AWS SDK for Python (Boto3) API Reference*.

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Scenarios for Partner Central using AWS SDKs

The following code examples show you how to implement common scenarios in Partner Central with AWS SDKs. These scenarios show you how to accomplish specific tasks by calling multiple functions within Partner Central or combined with other AWS services. Each scenario includes a link to the complete source code, where you can find instructions on how to set up and run the code.

Scenarios target an intermediate level of experience to help you understand service actions in context.

Examples

- [Update associated entity of an opportunity](#)

Update associated entity of an opportunity

The following code examples show how to:

- Disassociate an old entity.
- Associate a new entity.

Java

SDK for Java 2.x

Note

There's more on GitHub. Find the complete example and learn how to set up and run in the [Scenarios](#) repository.

Update associated entity of an opportunity

```
package org.example;

import static org.example.utils.Constants.*;

import org.example.utils.Constants;
import org.example.utils.ReferenceCodesUtils;

import software.amazon.awssdk.auth.credentials.DefaultCredentialsProvider;
import software.amazon.awssdk.http.apache.ApacheHttpClient;
import software.amazon.awssdk.regions.Region;
import
    software.amazon.awssdk.services.partnercentralselling.PartnerCentralSellingClient;
import
    software.amazon.awssdk.services.partnercentralselling.model.AssociateOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.AssociateOpportunityResponse;
import
    software.amazon.awssdk.services.partnercentralselling.model.DisassociateOpportunityRequest;
import
    software.amazon.awssdk.services.partnercentralselling.model.DisassociateOpportunityResponse;

/*
Purpose
PC-API -17 Replacing a solution
*/

public class ReplaceSolution {

    static PartnerCentralSellingClient client =
        PartnerCentralSellingClient.builder()
            .region(Region.US_EAST_1)
            .credentialsProvider(DefaultCredentialsProvider.create())
            .httpClient(ApacheHttpClient.builder().build())
            .build();

    public static void main(String[] args) {

        String opportunityId = args.length > 0 ? args[0] : OPPORTUNITY_ID;

        String entityType = "Solutions";
        String originalEntityIdentifier = "S-00000000";
        String newEntityIdentifier = "S-00111111";
```



```
        disassociateOppornitityResponse(opportunityId, entityType,
originalEntityIdentifier );
        AssociateOppportunityResponse associateOppportunityResponse =
associateOppportunityResponse(opportunityId, entityType, newEntityIdentifier );

        ReferenceCodesUtils.formatOutput(associateOppportunityResponse);
    }

private static AssociateOppportunityResponse associateOppportunityResponse(String
opportunityId, String entityType, String entityIdentifier) {

    AssociateOppportunityRequest associateOppportunityRequest =
AssociateOppportunityRequest.builder()
        .catalog(Constants.CATALOG_TO_USE)
        .opportunityIdentifier(opportunityId)
        .relatedEntityType(entityType)
        .relatedEntityIdentifier(entityIdentifier)
        .build();

    AssociateOppportunityResponse response =
client.associateOppportunity(associateOppportunityRequest);

    return response;
}

private static DisassociateOppportunityResponse
disassociateOppornitityResponse(String opportunityId, String entityType, String
entityIdentifier) {
    PartnerCentralSellingClient client = PartnerCentralSellingClient.builder()
        .region(Region.US_EAST_1)
        .credentialsProvider(DefaultCredentialsProvider.create())
        .httpClient(ApacheHttpClient.builder().build())
        .build();

    DisassociateOppportunityRequest disassociateOppportunityRequest =
DisassociateOppportunityRequest.builder()
        .catalog(Constants.CATALOG_TO_USE)
        .opportunityIdentifier(opportunityId)
        .relatedEntityType(entityType)
        .relatedEntityIdentifier(entityIdentifier)
        .build();
```

```
        DisassociateOpportunityResponse response =
            client.disassociateOpportunity(disassociateOpportunityRequest);

        return response;
    }
}
```

- For API details, see the following topics in *AWS SDK for Java 2.x API Reference*.
 - [AssociateOpportunity](#)
 - [DisassociateOpportunity](#)

Python

SDK for Python (Boto3)

Note

There's more on GitHub. Find the complete example and learn how to set up and run in the [AWS Code Examples Repository](#).

Update Associated Entity of an opportunity

```
#!/usr/bin/env python

"""
Purpose
PC-API -17 Replacing a solution
"""

import logging
import boto3
import utils.helpers as helper
from botocore.client import ClientError

from utils.constants import CATALOG_TO_USE

serviceName = "partnercentral-selling"

partner_central_client = boto3.client(
```

```

        service_name=serviceName,
        region_name='us-east-1'
    )

def replace_solution(original_entity_idenfifier, new_entity_idenfifier,
    opportunityIdentifier):
    disassociate_opportunity_request = {
        "Catalog": CATALOG_TO_USE,
        "OpportunityIdentifier" : opportunityIdentifier,
        "RelatedEntityType" : "Solutions",
        "RelatedEntityIdentifier" : original_entity_idenfifier
    }

    associate_opportunity_request = {
        "Catalog": CATALOG_TO_USE,
        "OpportunityIdentifier" : opportunityIdentifier,
        "RelatedEntityType" : "Solutions",
        "RelatedEntityIdentifier" : new_entity_idenfifier
    }
    try:
        # Perform an API call
        response =
partner_central_client.disassociate_opportunity(**disassociate_opportunity_request)
        response =
partner_central_client.associate_opportunity(**associate_opportunity_request)
        return response

    except ClientError as err:
        # Catch all client exceptions
        print(err.response)

def usage_demo():
    original_entity_idenfifier = "S-0049999"
    new_entity_idenfifier = "S-0050014"
    opportunityIdentifier = "04397574"

    logging.basicConfig(level=logging.INFO, format="%(levelname)s: %(message)s")

    print("-" * 88)
    print("Replacing a solution.")
    print("-" * 88)

    helper.pretty_print_datetime(replace_solution(original_entity_idenfifier,
new_entity_idenfifier, opportunityIdentifier))

```

```
if __name__ == "__main__":  
    usage_demo()
```

- For API details, see the following topics in *AWS SDK for Python (Boto3) API Reference*.
 - [AssociateOpportunity](#)
 - [DisassociateOpportunity](#)

For a complete list of AWS SDK developer guides and code examples, see [Using AWS Partner Central API with an AWS SDK](#). This topic also includes information about getting started and details about previous SDK versions.

Actions

The following actions are supported by Partner Central Selling API:

- [AcceptEngagementInvitation](#)
- [AssignOpportunity](#)
- [AssociateOpportunity](#)
- [CreateEngagement](#)
- [CreateEngagementContext](#)
- [CreateEngagementInvitation](#)
- [CreateOpportunity](#)
- [CreateResourceSnapshot](#)
- [CreateResourceSnapshotJob](#)
- [DeleteResourceSnapshotJob](#)
- [DisassociateOpportunity](#)
- [GetAwsOpportunitySummary](#)
- [GetEngagement](#)
- [GetEngagementInvitation](#)
- [GetOpportunity](#)
- [GetResourceSnapshot](#)
- [GetResourceSnapshotJob](#)
- [GetSellingSystemSettings](#)
- [ListEngagementByAcceptingInvitationTasks](#)
- [ListEngagementFromOpportunityTasks](#)
- [ListEngagementInvitations](#)
- [ListEngagementMembers](#)
- [ListEngagementResourceAssociations](#)
- [ListEngagements](#)
- [ListOpportunities](#)
- [ListOpportunityFromEngagementTasks](#)
- [ListResourceSnapshotJobs](#)

- [ListResourceSnapshots](#)
- [ListSolutions](#)
- [ListTagsForResource](#)
- [PutSellingSystemSettings](#)
- [RejectEngagementInvitation](#)
- [StartEngagementByAcceptingInvitationTask](#)
- [StartEngagementFromOpportunityTask](#)
- [StartOpportunityFromEngagementTask](#)
- [StartResourceSnapshotJob](#)
- [StopResourceSnapshotJob](#)
- [SubmitOpportunity](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateEngagementContext](#)
- [UpdateOpportunity](#)

The following actions are supported by Partner Central Account API:

- [AcceptConnectionInvitation](#)
- [AssociateAwsTrainingCertificationEmailDomain](#)
- [CancelConnection](#)
- [CancelConnectionInvitation](#)
- [CancelProfileUpdateTask](#)
- [CreateConnectionInvitation](#)
- [CreatePartner](#)
- [DisassociateAwsTrainingCertificationEmailDomain](#)
- [GetAllianceLeadContact](#)
- [GetConnection](#)
- [GetConnectionInvitation](#)
- [GetConnectionPreferences](#)
- [GetPartner](#)

- [GetProfileUpdateTask](#)
- [GetProfileVisibility](#)
- [GetVerification](#)
- [ListConnectionInvitations](#)
- [ListConnections](#)
- [ListPartners](#)
- [ListTagsForResource](#)
- [PutAllianceLeadContact](#)
- [PutProfileVisibility](#)
- [RejectConnectionInvitation](#)
- [SendEmailVerificationCode](#)
- [StartProfileUpdateTask](#)
- [StartVerification](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateConnectionPreferences](#)

The following actions are supported by Partner Central Benefits API:

- [AmendBenefitApplication](#)
- [AssociateBenefitApplicationResource](#)
- [CancelBenefitApplication](#)
- [CreateBenefitApplication](#)
- [DisassociateBenefitApplicationResource](#)
- [GetBenefit](#)
- [GetBenefitAllocation](#)
- [GetBenefitApplication](#)
- [ListBenefitAllocations](#)
- [ListBenefitApplications](#)
- [ListBenefits](#)
- [ListTagsForResource](#)

- [RecallBenefitApplication](#)
- [SubmitBenefitApplication](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateBenefitApplication](#)

The following actions are supported by Partner Central Channel API:

- [AcceptChannelHandshake](#)
- [CancelChannelHandshake](#)
- [CreateChannelHandshake](#)
- [CreateProgramManagementAccount](#)
- [CreateRelationship](#)
- [DeleteProgramManagementAccount](#)
- [DeleteRelationship](#)
- [GetRelationship](#)
- [ListChannelHandshakes](#)
- [ListProgramManagementAccounts](#)
- [ListRelationships](#)
- [ListTagsForResource](#)
- [RejectChannelHandshake](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateProgramManagementAccount](#)
- [UpdateRelationship](#)

Partner Central Selling API

The following actions are supported by Partner Central Selling API:

- [AcceptEngagementInvitation](#)
- [AssignOpportunity](#)

- [AssociateOpportunity](#)
- [CreateEngagement](#)
- [CreateEngagementContext](#)
- [CreateEngagementInvitation](#)
- [CreateOpportunity](#)
- [CreateResourceSnapshot](#)
- [CreateResourceSnapshotJob](#)
- [DeleteResourceSnapshotJob](#)
- [DisassociateOpportunity](#)
- [GetAwsOpportunitySummary](#)
- [GetEngagement](#)
- [GetEngagementInvitation](#)
- [GetOpportunity](#)
- [GetResourceSnapshot](#)
- [GetResourceSnapshotJob](#)
- [GetSellingSystemSettings](#)
- [ListEngagementByAcceptingInvitationTasks](#)
- [ListEngagementFromOpportunityTasks](#)
- [ListEngagementInvitations](#)
- [ListEngagementMembers](#)
- [ListEngagementResourceAssociations](#)
- [ListEngagements](#)
- [ListOpportunities](#)
- [ListOpportunityFromEngagementTasks](#)
- [ListResourceSnapshotJobs](#)
- [ListResourceSnapshots](#)
- [ListSolutions](#)
- [ListTagsForResource](#)
- [PutSellingSystemSettings](#)
- [RejectEngagementInvitation](#)

- [StartEngagementByAcceptingInvitationTask](#)
- [StartEngagementFromOpportunityTask](#)
- [StartOpportunityFromEngagementTask](#)
- [StartResourceSnapshotJob](#)
- [StopResourceSnapshotJob](#)
- [SubmitOpportunity](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateEngagementContext](#)
- [UpdateOpportunity](#)

AcceptEngagementInvitation

Service: Partner Central Selling API

Use the `AcceptEngagementInvitation` action to accept an engagement invitation shared by AWS. Accepting the invitation indicates your willingness to participate in the engagement, granting you access to all engagement-related data.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The `CatalogType` parameter specifies the catalog associated with the engagement invitation. Accepted values are `AWS` and `Sandbox`, which determine the environment in which the engagement invitation is managed.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

Identifier

The `Identifier` parameter in the `AcceptEngagementInvitationRequest` specifies the unique identifier of the `EngagementInvitation` to be accepted. Providing the correct identifier ensures that the intended invitation is accepted.

Type: String

Pattern: `(?=.{1,255}$)(arn:.*|engi-[0-9a-z]{13})`

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

AssignOpportunity

Service: Partner Central Selling API

Enables you to reassign an existing Opportunity to another user within your Partner Central account. The specified user receives the opportunity, and it appears on their Partner Central dashboard, allowing them to take necessary actions or proceed with the opportunity.

This is useful for distributing opportunities to the appropriate team members or departments within your organization, ensuring that each opportunity is handled by the right person. By default, the opportunity owner is the one who creates it. Currently, there's no API to enumerate the list of available users.

Request Syntax

```
{
  "Assignee": {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string",
    "Phone": "string"
  },
  "Catalog": "string",
  "Identifier": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Assignee

Specifies the user or team member responsible for managing the assigned opportunity. This field identifies the *Assignee* based on the partner's internal team structure. Ensure that the email address is associated with a registered user in your Partner Central account.

Type: [AssigneeContact](#) object

Required: Yes

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunity is assigned in. Use AWS to assign real opportunities in the AWS catalog, and Sandbox for testing in secure, isolated environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Identifier

Requires the Opportunity's unique identifier when you want to assign it to another user. Provide the correct identifier so the intended opportunity is reassigned.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

AssociateOpportunity

Service: Partner Central Selling API

Enables you to create a formal association between an Opportunity and various related entities, enriching the context and details of the opportunity for better collaboration and decision making. You can associate an opportunity with the following entity types:

- **Partner Solution:** A software product or consulting practice created and delivered by AWS Partners. Partner Solutions help customers address business challenges using AWS services.
- **AWS Products:** AWS offers many products and services that provide scalable, reliable, and cost-effective infrastructure solutions. For the latest list of AWS products, see [AWS products](#).
- **AWS Marketplace private offer:** Allows AWS Marketplace sellers to extend custom pricing and terms to individual AWS customers. Sellers can negotiate custom prices, payment schedules, and end user license terms through private offers, enabling AWS customers to acquire software solutions tailored to their specific needs. For more information, see [Private offers in AWS Marketplace](#).

To obtain identifiers for these entities, use the following methods:

- **Solution:** Use the `ListSolutions` operation.
- **AWS Products:** For the latest list of AWS products, see [AWS products](#).
- **AWS Marketplace private offer:** Use the [Using the AWS Marketplace Catalog API](#) to list entities. Specifically, use the `ListEntities` operation to retrieve a list of private offers. The request returns the details of available private offers. For more information, see [ListEntities](#).

Request Syntax

```
{  
  "Catalog": "string",  
  "OpportunityIdentifier": "string",  
  "RelatedEntityIdentifier": "string",  
  "RelatedEntityType": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

 Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunity association is made in. Use AWS to associate opportunities in the AWS catalog, and Sandbox for testing in secure, isolated environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

OpportunityIdentifier

Requires the Opportunity's unique identifier when you want to associate it with a related entity. Provide the correct identifier so the intended opportunity is updated with the association.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

RelatedEntityIdentifier

Requires the related entity's unique identifier when you want to associate it with the Opportunity. For AWS Marketplace entities, provide the Amazon Resource Name (ARN). Use the [AWS Marketplace API](#) to obtain the ARN.

Type: String

Pattern: (?s) . {1,255}

Required: Yes

RelatedEntityType

Specifies the entity type that you're associating with the `Opportunity`. This helps to categorize and properly process the association.

Type: String

Valid Values: `Solutions` | `AwsProducts` | `AwsMarketplaceOffers` | `AwsMarketplaceOfferSets`

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateEngagement

Service: Partner Central Selling API

The CreateEngagement action allows you to create an Engagement, which serves as a collaborative space between different parties such as AWS Partners and AWS Sellers. This action automatically adds the caller's AWS account as an active member of the newly created Engagement.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "Contexts": [
    {
      "Id": "string",
      "Payload": { ... },
      "Type": "string"
    }
  ],
  "Description": "string",
  "Title": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The CreateEngagementRequest\$Catalog parameter specifies the catalog related to the engagement. Accepted values are AWS and Sandbox, which determine the environment in which the engagement is managed.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ClientToken

The `CreateEngagementRequest$ClientToken` parameter specifies a unique, case-sensitive identifier to ensure that the request is handled exactly once. The value must not exceed sixty-four alphanumeric characters.

Type: String

Pattern: .{1,255}

Required: Yes

Description

Provides a description of the Engagement.

Type: String

Pattern: (?s).{0,255}

Required: Yes

Title

Specifies the title of the Engagement.

Type: String

Pattern: (?s).{1,40}

Required: Yes

Contexts

The `Contexts` field is a required array of objects, with a maximum of 5 contexts allowed, specifying detailed information about customer projects associated with the Engagement. Each context object contains a `Type` field indicating the context type, which must be `CustomerProject` in this version, and a `Payload` field containing the `CustomerProject` details. The `CustomerProject` object is composed of two main components: `Customer` and

Project. The Customer object includes information such as `CompanyName`, `WebsiteUrl`, `Industry`, and `CountryCode`, providing essential details about the customer. The Project object contains `Title`, `BusinessProblem`, and `TargetCompletionDate`, offering insights into the specific project associated with the customer. This structure allows comprehensive context to be included within the Engagement, facilitating effective collaboration between parties by providing relevant customer and project information.

Type: Array of [EngagementContextDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Required: No

Response Syntax

```
{
  "Arn": "string",
  "Id": "string",
  "ModifiedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[Arn](#)

The Amazon Resource Name (ARN) that identifies the engagement.

Type: String

Pattern: `arn:.*`

[Id](#)

Unique identifier assigned to the newly created engagement.

Type: String

Pattern: `eng-[0-9a-z]{14}`

ModifiedAt

The timestamp indicating when the engagement was last modified, in ISO 8601 format (UTC). For newly created engagements, this value matches the creation timestamp. Example: "2023-05-01T20:37:46Z".

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateEngagementContext

Service: Partner Central Selling API

Creates a new context within an existing engagement. This action allows you to add contextual information such as customer projects or documents to an engagement, providing additional details that help facilitate collaboration between engagement members.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "EngagementIdentifier": "string",
  "Payload": { ... },
  "Type": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the engagement context request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the engagement context is created in. Use AWS to create contexts in the production environment, and Sandbox for testing in secure, isolated environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ClientToken

A unique, case-sensitive identifier provided by the client to ensure that the request is handled exactly once. This token helps prevent duplicate context creations and must not exceed sixty-four alphanumeric characters. Use a UUID or other unique string to ensure idempotency.

Type: String

Pattern: `.{1,255}`

Required: Yes

EngagementIdentifier

The unique identifier of the Engagement for which the context is being created. This parameter ensures the context is associated with the correct engagement and provides the necessary linkage between the engagement and its contextual information.

Type: String

Pattern: `(arn:.*|eng-[0-9a-z]{14})`

Required: Yes

Payload

Represents the payload of an Engagement context. The structure of this payload varies based on the context type specified in the EngagementContextDetails.

Type: [EngagementContextPayload](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

Type

Specifies the type of context being created for the engagement. This field determines the structure and content of the context payload. Valid values include `CustomerProject` for customer project-related contexts. The type field ensures that the context is properly categorized and processed according to its intended purpose.

Type: String

Valid Values: CustomerProject | Lead

Required: Yes

Response Syntax

```
{
  "ContextId": "string",
  "EngagementArn": "string",
  "EngagementId": "string",
  "EngagementLastModifiedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ContextId

The unique identifier assigned to the newly created engagement context. This ID can be used to reference the specific context within the engagement for future operations.

Type: String

Pattern: (?s){1,3}

EngagementArn

The Amazon Resource Name (ARN) of the engagement to which the context was added. This globally unique identifier can be used for cross-service references and IAM policies.

Type: String

Pattern: arn:.*

EngagementId

The unique identifier of the engagement to which the context was added. This ID confirms the successful association of the context with the specified engagement.

Type: String

Pattern: eng-[0-9a-z]{14}

EngagementLastModifiedAt

The timestamp indicating when the engagement was last modified as a result of adding the context, in ISO 8601 format (UTC). Example: "2023-05-01T20:37:46Z".

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateEngagementInvitation

Service: Partner Central Selling API

This action creates an invitation from a sender to a single receiver to join an engagement.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "EngagementIdentifier": "string",
  "Invitation": {
    "Message": "string",
    "Payload": { ... },
    "Receiver": { ... }
  }
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the engagement. Accepted values are AWS and Sandbox, which determine the environment in which the engagement is managed.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ClientToken

Specifies a unique, client-generated UUID to ensure that the request is handled exactly once. This token helps prevent duplicate invitation creations.

Type: String

Pattern: `.{1,255}`

Required: Yes

EngagementIdentifier

The unique identifier of the Engagement associated with the invitation. This parameter ensures the invitation is created within the correct Engagement context.

Type: String

Pattern: `eng-[0-9a-z]{14}`

Required: Yes

Invitation

The `Invitation` object all information necessary to initiate an engagement invitation to a partner. It contains a personalized message from the sender, the invitation's receiver, and a payload. The Payload can be the `OpportunityInvitation`, which includes detailed structures for sender contacts, partner responsibilities, customer information, and project details, or `LeadInvitation`, which includes structures for customer information and interaction details.

Type: [Invitation](#) object

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Id": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) that uniquely identifies the engagement invitation.

Type: String

Pattern: `arn:aws:partnercentral:[0-9]{12}:[a-zA-Z]+/engagement-invitation/engi-[0-9,a-z]{13}`

Id

Unique identifier assigned to the newly created engagement invitation.

Type: String

Pattern: `engi-[0-9,a-z]{13}`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

CreateOpportunity

Service: Partner Central Selling API

Creates an Opportunity record in Partner Central. Use this operation to create a potential business opportunity for submission to AWS. Creating an opportunity sets Lifecycle.ReviewStatus to Pending Submission.

To submit an opportunity, follow these steps:

1. To create the opportunity, use CreateOpportunity.
2. To associate a solution with the opportunity, use AssociateOpportunity.
3. To start the engagement with AWS, use StartEngagementFromOpportunity.

After submission, you can't edit the opportunity until the review is complete. But opportunities in the Pending Submission state must have complete details. You can update the opportunity while it's in the Pending Submission state.

There's a set of mandatory fields to create opportunities, but consider providing optional fields to enrich the opportunity record.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "Customer": {
    "Account": {
      "Address": {
        "City": "string",
        "CountryCode": "string",
        "PostalCode": "string",
        "StateOrRegion": "string",
        "StreetAddress": "string"
      },
      "AwsAccountId": "string",
      "CompanyName": "string",
      "Duns": "string",
      "Industry": "string",
      "OtherIndustry": "string",
      "WebsiteUrl": "string"
    },
  },
}
```

```
"Contacts": [
  {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string",
    "Phone": "string"
  }
],
"Lifecycle": {
  "ClosedLostReason": "string",
  "NextSteps": "string",
  "NextStepsHistory": [
    {
      "Time": "string",
      "Value": "string"
    }
  ],
  "ReviewComments": "string",
  "ReviewStatus": "string",
  "ReviewStatusReason": "string",
  "Stage": "string",
  "TargetCloseDate": "string"
},
"Marketing": {
  "AwsFundingUsed": "string",
  "CampaignName": "string",
  "Channels": [ "string" ],
  "Source": "string",
  "UseCases": [ "string" ]
},
"NationalSecurity": "string",
"OpportunityTeam": [
  {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string",
    "Phone": "string"
  }
],
"OpportunityType": "string",
"Origin": "string",
```

```
"PartnerOpportunityIdentifier": "string",
"PrimaryNeedsFromAws": [ "string" ],
"Project": {
  "AdditionalComments": "string",
  "ApnPrograms": [ "string" ],
  "AwsPartition": "string",
  "CompetitorName": "string",
  "CustomerBusinessProblem": "string",
  "CustomerUseCase": "string",
  "DeliveryModels": [ "string" ],
  "ExpectedContractDuration": {
    "Term": "string",
    "Value": "string"
  },
  "ExpectedCustomerSpend": [
    {
      "Amount": "string",
      "CurrencyCode": "string",
      "EstimationUrl": "string",
      "Frequency": "string",
      "TargetCompany": "string"
    }
  ],
  "OtherCompetitorNames": "string",
  "OtherSolutionDescription": "string",
  "RelatedOpportunityIdentifier": "string",
  "SalesActivities": [ "string" ],
  "Title": "string"
},
"SoftwareRevenue": {
  "DeliveryModel": "string",
  "EffectiveDate": "string",
  "ExpirationDate": "string",
  "Value": {
    "Amount": "string",
    "CurrencyCode": "string"
  }
},
"Tags": [
  {
    "Key": "string",
    "Value": "string"
  }
]
```

```
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunity is created in. Use AWS to create opportunities in the AWS catalog, and Sandbox for testing in secure, isolated environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ClientToken

Required to be unique, and should be unchanging, it can be randomly generated or a meaningful string.

Default: None

Best practice: To help ensure uniqueness and avoid conflicts, use a Universally Unique Identifier (UUID) as the `ClientToken`. You can use standard libraries from most programming languages to generate this. If you use the same client token, the API returns the following error: "Conflicting client token submitted for a new request body."

Type: String

Pattern: .{1,255}

Required: Yes

Customer

Specifies customer details associated with the Opportunity.

Type: [Customer](#) object

Required: No

LifeCycle

An object that contains lifecycle details for the Opportunity.

Type: [LifeCycle](#) object

Required: No

Marketing

This object contains marketing details and is optional for an opportunity.

Type: [Marketing](#) object

Required: No

NationalSecurity

Indicates whether the Opportunity pertains to a national security project. This field must be set to `true` only when the customer's industry is *Government*. Additional privacy and security measures apply during the review and management process for opportunities marked as `NationalSecurity`.

Type: String

Valid Values: Yes | No

Required: No

OpportunityTeam

Represents the internal team handling the opportunity. Specify collaborating members of this opportunity who are within the partner's organization.

Type: Array of [Contact](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

OpportunityType

Specifies the opportunity type as a renewal, new, or expansion.

Opportunity types:

- **New opportunity:** Represents a new business opportunity with a potential customer that's not previously engaged with your solutions or services.
- **Renewal opportunity:** Represents an opportunity to renew an existing contract or subscription with a current customer, ensuring continuity of service.
- **Expansion opportunity:** Represents an opportunity to expand the scope of an existing contract or subscription, either by adding new services or increasing the volume of existing services for a current customer.

Type: String

Valid Values: Net New Business | Flat Renewal | Expansion

Required: No

Origin

Specifies the origin of the opportunity, indicating if it was sourced from AWS or the partner. For all opportunities created with Catalog: AWS, this field must only be Partner Referral. However, when using Catalog: Sandbox, you can set this field to AWS Referral to simulate AWS referral creation. This allows AWS-originated flows testing in the sandbox catalog.

Type: String

Valid Values: AWS Referral | Partner Referral

Required: No

PartnerOpportunityIdentifier

Specifies the opportunity's unique identifier in the partner's CRM system. This value is essential to track and reconcile because it's included in the outbound payload to the partner.

This field allows partners to link an opportunity to their CRM, which helps to ensure seamless integration and accurate synchronization between the Partner Central API and the partner's internal systems.

Type: String

Pattern: (?s) . {0,64}

Required: No

PrimaryNeedsFromAws

Identifies the type of support the partner needs from AWS.

Valid values:

- Cosell—Architectural Validation: Confirmation from AWS that the partner's proposed solution architecture is aligned with AWS best practices and poses minimal architectural risks.
- Cosell—Business Presentation: Request AWS seller's participation in a joint customer presentation.
- Cosell—Competitive Information: Access to AWS competitive resources and support for the partner's proposed solution.
- Cosell—Pricing Assistance: Connect with an AWS seller for support situations where a partner may be receiving an upfront discount on a service (for example: EDP deals).
- Cosell—Technical Consultation: Connect with an AWS Solutions Architect to address the partner's questions about the proposed solution.
- Cosell—Total Cost of Ownership Evaluation: Assistance with quoting different cost savings of proposed solutions on AWS versus on-premises or a traditional hosting environment.
- Cosell—Deal Support: Request AWS seller's support to progress the opportunity (for example: joint customer call, strategic positioning).
- Cosell—Support for Public Tender/RFX: Opportunity related to the public sector where the partner needs AWS RFX support.

Type: Array of strings

Valid Values: Co-Sell - Architectural Validation | Co-Sell - Business Presentation | Co-Sell - Competitive Information | Co-Sell - Pricing Assistance | Co-Sell - Technical Consultation | Co-Sell - Total Cost of Ownership Evaluation | Co-Sell - Deal Support | Co-Sell - Support for Public Tender / RFX

Required: No

Project

An object that contains project details for the Opportunity.

Type: [Project](#) object

Required: No

[SoftwareRevenue](#)

Specifies details of a customer's procurement terms. This is required only for partners in eligible programs.

Type: [SoftwareRevenue](#) object

Required: No

[Tags](#)

A map of the key-value pairs of the tag or tags to assign.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "Id": "string",
  "LastModifiedDate": "string",
  "PartnerOpportunityIdentifier": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[Id](#)

Read-only, system-generated Opportunity unique identifier. AWS creates this identifier, and it's used for all subsequent opportunity actions, such as updates, associations, and submissions. It helps to ensure that each opportunity is accurately tracked and managed.

Type: String

Pattern: 0[0-9]{1,19}

LastModifiedDate

DateTime when the opportunity was last modified. When the Opportunity is created, its value is CreatedDate.

Type: Timestamp

PartnerOpportunityIdentifier

Specifies the opportunity's unique identifier in the partner's CRM system. This value is essential to track and reconcile because it's included in the outbound payload sent back to the partner.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateResourceSnapshot

Service: Partner Central Selling API

This action allows you to create an immutable snapshot of a specific resource, such as an opportunity, within the context of an engagement. The snapshot captures a subset of the resource's data based on the schema defined by the provided template.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "EngagementIdentifier": "string",  
  "ResourceIdentifier": "string",  
  "ResourceSnapshotTemplateIdentifier": "string",  
  "ResourceType": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog where the snapshot is created. Valid values are AWS and Sandbox.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ClientToken

Specifies a unique, client-generated UUID to ensure that the request is handled exactly once. This token helps prevent duplicate snapshot creations.

Type: String

Pattern: . {1,255}

Required: Yes

EngagementIdentifier

The unique identifier of the engagement associated with this snapshot. This field links the snapshot to a specific engagement context.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: Yes

ResourceIdentifier

The unique identifier of the specific resource to be snapshotted. The format and constraints of this identifier depend on the `ResourceType` specified. For example: For Opportunity type, it will be an opportunity ID.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

ResourceSnapshotTemplateIdentifier

The name of the template that defines the schema for the snapshot. This template determines which subset of the resource data will be included in the snapshot. Must correspond to an existing and valid template for the specified `ResourceType`.

Type: String

Pattern: [a-zA-Z0-9]{3,80}

Required: Yes

ResourceType

Specifies the type of resource for which the snapshot is being created. This field determines the structure and content of the snapshot. Must be one of the supported resource types, such as: Opportunity.

Type: String

Valid Values: Opportunity

Required: Yes

Response Syntax

```
{  
  "Arn": "string",  
  "Revision": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[Arn](#)

Specifies the Amazon Resource Name (ARN) that uniquely identifies the snapshot created.

Type: String

Pattern: `arn:.*`

[Revision](#)

Specifies the revision number of the created snapshot. This field provides important information about the snapshot's place in the sequence of snapshots for the given resource.

Type: Integer

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
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- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateResourceSnapshotJob

Service: Partner Central Selling API

Use this action to create a job to generate a snapshot of the specified resource within an engagement. It initiates an asynchronous process to create a resource snapshot. The job creates a new snapshot only if the resource state has changed, adhering to the same access control and immutability rules as direct snapshot creation.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "EngagementIdentifier": "string",
  "ResourceIdentifier": "string",
  "ResourceSnapshotTemplateIdentifier": "string",
  "ResourceType": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which to create the snapshot job. Valid values are AWS and Sandbox.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

ClientToken

A client-generated UUID used for idempotency check. The token helps prevent duplicate job creations.

Type: String

Pattern: `.{1,255}`

Required: Yes

EngagementIdentifier

Specifies the identifier of the engagement associated with the resource to be snapshotted.

Type: String

Pattern: `eng-[0-9a-z]{14}`

Required: Yes

ResourceIdentifier

Specifies the identifier of the specific resource to be snapshotted. The format depends on the `ResourceType`.

Type: String

Pattern: `0[0-9]{1,19}`

Required: Yes

ResourceSnapshotTemplateIdentifier

Specifies the name of the template that defines the schema for the snapshot.

Type: String

Pattern: `[a-zA-Z0-9]{3,80}`

Required: Yes

ResourceType

The type of resource for which the snapshot job is being created. Must be one of the supported resource types i.e. Opportunity

Type: String

Valid Values: Opportunity

Required: Yes

Tags

A map of the key-value pairs of the tag or tags to assign.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "Arn": "string",
  "Id": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the created snapshot job.

Type: String

Pattern: `arn:.*`

Id

The unique identifier for the created snapshot job.

Type: String

Pattern: job-[0-9a-z]{13}

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteResourceSnapshotJob

Service: Partner Central Selling API

Use this action to delete a previously created resource snapshot job. The job must be in a stopped state before it can be deleted.

Request Syntax

```
{  
  "Catalog": "string",  
  "ResourceSnapshotJobIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog from which to delete the snapshot job. Valid values are AWS and Sandbox.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ResourceSnapshotJobIdentifier

The unique identifier of the resource snapshot job to be deleted.

Type: String

Pattern: job-[0-9a-z]{13}

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateOpportunity

Service: Partner Central Selling API

Allows you to remove an existing association between an Opportunity and related entities, such as a Partner Solution, AWS product, or an AWS Marketplace offer. This operation is the counterpart to AssociateOpportunity, and it provides flexibility to manage associations as business needs change.

Use this operation to update the associations of an Opportunity due to changes in the related entities, or if an association was made in error. Ensuring accurate associations helps maintain clarity and accuracy to track and manage business opportunities. When you replace an entity, first attach the new entity and then disassociate the one to be removed, especially if it's the last remaining entity that's required.

Request Syntax

```
{
  "Catalog": "string",
  "OpportunityIdentifier": "string",
  "RelatedEntityIdentifier": "string",
  "RelatedEntityType": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunity disassociation is made in. Use AWS to disassociate opportunities in the AWS catalog, and Sandbox for testing in secure, isolated environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

OpportunityIdentifier

The opportunity's unique identifier for when you want to disassociate it from related entities. This identifier helps to ensure that the correct opportunity is updated.

Validation: Ensure that the provided identifier corresponds to an existing opportunity in the AWS system because incorrect identifiers result in an error and no changes are made.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

RelatedEntityIdentifier

The related entity's identifier that you want to disassociate from the opportunity. Depending on the type of entity, this could be a simple identifier or an Amazon Resource Name (ARN) for entities managed through AWS Marketplace.

For AWS Marketplace entities, use the AWS Marketplace API to obtain the necessary ARNs. For guidance on retrieving these ARNs, see [AWS MarketplaceUsing the AWS Marketplace Catalog API](#).

Validation: Ensure the identifier or ARN is valid and corresponds to an existing entity. An incorrect or invalid identifier results in an error.

Type: String

Pattern: (?s){1,255}

Required: Yes

RelatedEntityType

The type of the entity that you're disassociating from the opportunity. When you specify the entity type, it helps the system correctly process the disassociation request to ensure that the right connections are removed.

Examples of entity types include Partner Solution, AWS product, and AWS Marketplace offer. Ensure that the value matches one of the expected entity types.

Validation: Provide a valid entity type to help ensure successful disassociation. An invalid or incorrect entity type results in an error.

Type: String

Valid Values: Solutions | AwsProducts | AwsMarketplaceOffers | AwsMarketplaceOfferSets

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAwsOpportunitySummary

Service: Partner Central Selling API

Retrieves a summary of an AWS Opportunity. This summary includes high-level details about the opportunity sourced from AWS, such as lifecycle information, customer details, and involvement type. It is useful for tracking updates on the AWS opportunity corresponding to an opportunity in the partner's account.

Request Syntax

```
{  
  "Catalog": "string",  
  "RelatedOpportunityIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which the AWS Opportunity is located. Accepted values include AWS for production opportunities or Sandbox for testing purposes. The catalog determines which environment the opportunity data is pulled from.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

RelatedOpportunityIdentifier

The unique identifier for the related partner opportunity. Use this field to correlate an AWS opportunity with its corresponding partner opportunity.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

Response Syntax

```
{
  "Catalog": "string",
  "Customer": {
    "Contacts": [
      {
        "BusinessTitle": "string",
        "Email": "string",
        "FirstName": "string",
        "LastName": "string",
        "Phone": "string"
      }
    ]
  },
  "Insights": {
    "AwsProductsSpendInsightsBySource": {
      "AWS": {
        "AwsProducts": [
          {
            "Amount": "string",
            "Categories": [ "string" ],
            "Optimizations": [
              {
                "Description": "string",
                "SavingsAmount": "string"
              }
            ],
            "OptimizedAmount": "string",
            "PotentialSavingsAmount": "string",
            "ProductCode": "string",
            "ServiceCode": "string"
          }
        ],
        "CurrencyCode": "string",
        "Frequency": "string",
        "TotalAmount": "string",
```

```

    "TotalAmountByCategory": {
      "string" : "string"
    },
    "TotalOptimizedAmount": "string",
    "TotalPotentialSavingsAmount": "string"
  },
  "Partner": {
    "AwsProducts": [
      {
        "Amount": "string",
        "Categories": [ "string" ],
        "Optimizations": [
          {
            "Description": "string",
            "SavingsAmount": "string"
          }
        ],
        "OptimizedAmount": "string",
        "PotentialSavingsAmount": "string",
        "ProductCode": "string",
        "ServiceCode": "string"
      }
    ],
    "CurrencyCode": "string",
    "Frequency": "string",
    "TotalAmount": "string",
    "TotalAmountByCategory": {
      "string" : "string"
    },
    "TotalOptimizedAmount": "string",
    "TotalPotentialSavingsAmount": "string"
  }
},
"EngagementScore": "string",
"NextBestActions": "string"
},
"InvolvementType": "string",
"InvolvementTypeChangeReason": "string",
"LifeCycle": {
  "ClosedLostReason": "string",
  "NextSteps": "string",
  "NextStepsHistory": [
    {
      "Time": "string",

```

```

        "Value": "string"
    },
    ],
    "Stage": "string",
    "TargetCloseDate": "string"
},
"OpportunityTeam": [
    {
        "BusinessTitle": "string",
        "Email": "string",
        "FirstName": "string",
        "LastName": "string"
    }
],
"Origin": "string",
"Project": {
    "AwsPartition": "string",
    "ExpectedCustomerSpend": [
        {
            "Amount": "string",
            "CurrencyCode": "string",
            "EstimationUrl": "string",
            "Frequency": "string",
            "TargetCompany": "string"
        }
    ]
},
"RelatedEntityIds": {
    "AwsProducts": [ "string" ],
    "Solutions": [ "string" ]
},
"RelatedOpportunityId": "string",
"Visibility": "string"
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Catalog

Specifies the catalog in which the AWS Opportunity exists. This is the environment (e.g., AWS or Sandbox) where the opportunity is being managed.

Type: String

Pattern: [a-zA-Z]+

Customer

Provides details about the customer associated with the AWS Opportunity, including account information, industry, and other customer data. These details help partners understand the business context of the opportunity.

Type: [AwsOpportunityCustomer](#) object

Insights

Provides insights into the AWS Opportunity, including engagement score and recommended actions that AWS suggests for the partner.

Type: [AwsOpportunityInsights](#) object

InvolvementType

Specifies the type of involvement AWS has in the opportunity, such as direct cosell or advisory support. This field helps partners understand the role AWS plays in advancing the opportunity.

Type: String

Valid Values: For Visibility Only | Co-Sell

InvolvementTypeChangeReason

Provides a reason for any changes in the involvement type of AWS in the opportunity. This field is used to track why the level of AWS engagement has changed from For Visibility Only to Co-sell offering transparency into the partnership dynamics.

Type: String

Valid Values: Expansion Opportunity | Change in Deal Information | Customer Requested | Technical Complexity | Risk Mitigation

LifeCycle

Contains lifecycle information for the AWS Opportunity, including review status, stage, and target close date. This field is crucial for partners to monitor the progression of the opportunity.

Type: [AwsOpportunityLifeCycle](#) object

OpportunityTeam

Details the AWS opportunity team, including members involved. This information helps partners know who from AWS is engaged and what their role is.

Type: Array of [AwsTeamMember](#) objects

Origin

Specifies whether the AWS Opportunity originated from AWS or the partner. This helps distinguish between opportunities that were sourced by AWS and those referred by the partner.

Type: String

Valid Values: AWS Referral | Partner Referral

Project

Provides details about the project associated with the AWS Opportunity, including the customer's business problem, expected outcomes, and project scope. This information is crucial for understanding the broader context of the opportunity.

Type: [AwsOpportunityProject](#) object

RelatedEntityIds

Lists related entity identifiers, such as AWS products or partner solutions, associated with the AWS Opportunity. These identifiers provide additional context and help partners understand which AWS services are involved.

Type: [AwsOpportunityRelatedEntities](#) object

RelatedOpportunityId

Provides the unique identifier of the related partner opportunity, allowing partners to link the AWS Opportunity to their corresponding opportunity in their CRM system.

Type: String

Pattern: 0[0-9]{1,19}

Visibility

Defines the visibility level for the AWS Opportunity. Use `Full` visibility for most cases, while `Limited` visibility is reserved for special programs or sensitive opportunities.

Type: String

Valid Values: `Full` | `Limited`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetEngagement

Service: Partner Central Selling API

Use this action to retrieve the engagement record for a given EngagementIdentifier.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the engagement request. Valid values are AWS and Sandbox.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Identifier

Specifies the identifier of the Engagement record to retrieve.

Type: String

Pattern: (arn:.*|eng-[0-9a-z]{14})

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Contexts": [
    {
      "Id": "string",
      "Payload": { ... },
      "Type": "string"
    }
  ],
  "CreatedAt": "string",
  "CreatedBy": "string",
  "Description": "string",
  "Id": "string",
  "MemberCount": number,
  "ModifiedAt": "string",
  "ModifiedBy": "string",
  "Title": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the engagement retrieved.

Type: String

Pattern: arn:.*

Contexts

A list of context objects associated with the engagement. Each context provides additional information related to the Engagement, such as customer projects or documents.

Type: Array of [EngagementContextDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

CreatedAt

The date and time when the Engagement was created, presented in ISO 8601 format (UTC). For example: "2023-05-01T20:37:46Z". This timestamp helps track the lifecycle of the Engagement.

Type: Timestamp

CreatedBy

The AWS account ID of the user who originally created the engagement. This field helps in tracking the origin of the engagement.

Type: String

Pattern: (`[0-9]{12}`|\w{1,12})

Description

A more detailed description of the engagement. This provides additional context or information about the engagement's purpose or scope.

Type: String

Pattern: (`?s`).{0,255}

Id

The unique resource identifier of the engagement retrieved.

Type: String

Pattern: eng-[0-9a-z]{14}

MemberCount

Specifies the current count of members participating in the Engagement. This count includes all active members regardless of their roles or permissions within the Engagement.

Type: Integer

ModifiedAt

The timestamp indicating when the engagement was last modified, in ISO 8601 format (UTC). Example: "2023-05-01T20:37:46Z". This helps track the most recent changes to the engagement.

Type: Timestamp

ModifiedBy

The AWS account ID of the user who last modified the engagement. This field helps track who made the most recent changes to the engagement.

Type: String

Pattern: (`[0-9]{12}`|\w{1,12})

Title

The title of the engagement. It provides a brief, descriptive name for the engagement that is meaningful and easily recognizable.

Type: String

Pattern: (`?s`).{1,40}

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetEngagementInvitation

Service: Partner Central Selling API

Retrieves the details of an engagement invitation shared by AWS with a partner. The information includes aspects such as customer, project details, and lifecycle information. To connect an engagement invitation with an opportunity, match the invitation's `Payload.Project.Title` with opportunity `Project.Title`.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the request. The field accepts values from the predefined set: AWS for live operations or Sandbox for testing environments.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

Identifier

Specifies the unique identifier for the retrieved engagement invitation.

Type: String

Pattern: (?=.{1,255}\$)(arn:.*|engi-[0-9a-z]{13})

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "EngagementDescription": "string",
  "EngagementId": "string",
  "EngagementTitle": "string",
  "ExistingMembers": [
    {
      "CompanyName": "string",
      "WebsiteUrl": "string"
    }
  ],
  "ExpirationDate": "string",
  "Id": "string",
  "InvitationDate": "string",
  "InvitationMessage": "string",
  "Payload": { ... },
  "PayloadType": "string",
  "Receiver": { ... },
  "RejectionReason": "string",
  "SenderAwsAccountId": "string",
  "SenderCompanyName": "string",
  "Status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Catalog

Indicates the catalog from which the engagement invitation details are retrieved. This field helps in identifying the appropriate catalog (e.g., AWS or Sandbox) used in the request.

Type: String

Pattern: `[a-zA-Z]+`

Id

Unique identifier assigned to the engagement invitation being retrieved.

Type: String

Pattern: `(?=.{1,255}$)(arn:.*|engi-[0-9a-z]{13})`

Arn

The Amazon Resource Name (ARN) that identifies the engagement invitation.

Type: String

EngagementDescription

The description of the engagement associated with this invitation.

Type: String

Pattern: `(?s).{0,255}`

EngagementId

The identifier of the engagement associated with this invitation. This ID links the invitation to its corresponding engagement.

Type: String

Pattern: `eng-[0-9a-z]{14}`

EngagementTitle

The title of the engagement invitation, summarizing the purpose or objectives of the opportunity shared by AWS.

Type: String

Pattern: `(?s).{1,40}`

ExistingMembers

A list of active members currently part of the Engagement. This array contains a maximum of 10 members, each represented by an object with the following properties.

- **CompanyName:** The name of the member's company.

- **WebsiteUrl:** The website URL of the member's company.

Type: Array of [EngagementMemberSummary](#) objects

[ExpirationDate](#)

Indicates the date on which the engagement invitation will expire if not accepted by the partner.

Type: Timestamp

[InvitationDate](#)

The date when the engagement invitation was sent to the partner.

Type: Timestamp

[InvitationMessage](#)

The message sent to the invited partner when the invitation was created.

Type: String

Pattern: (?s) . {1,255}

[Payload](#)

Details of the engagement invitation payload, including specific data relevant to the invitation's contents, such as customer information and opportunity insights.

Type: [Payload](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

[PayloadType](#)

The type of payload contained in the engagement invitation, indicating what data or context the payload covers.

Type: String

Valid Values: OpportunityInvitation | LeadInvitation

[Receiver](#)

Information about the partner organization or team that received the engagement invitation, including contact details and identifiers.

Type: [Receiver](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

[RejectionReason](#)

If the engagement invitation was rejected, this field specifies the reason provided by the partner for the rejection.

Type: String

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFF]{1,80}`

[SenderAwsAccountId](#)

Specifies the AWS Account ID of the sender, which identifies the AWS team responsible for sharing the engagement invitation.

Type: String

Pattern: `([0-9]{12}|\w{1,12})`

[SenderCompanyName](#)

The name of the AWS organization or team that sent the engagement invitation.

Type: String

Pattern: `(?s).{0,120}`

[Status](#)

The current status of the engagement invitation.

Type: String

Valid Values: ACCEPTED | PENDING | REJECTED | EXPIRED

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetOpportunity

Service: Partner Central Selling API

Fetches the Opportunity record from Partner Central by a given Identifier.

Use the ListOpportunities action or the event notification (from Amazon EventBridge) to obtain this identifier.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunity is fetched from. Use AWS to retrieve opportunities in the AWS catalog, and Sandbox to retrieve opportunities in a secure, isolated testing environment.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Identifier

Read-only, system generated Opportunity unique identifier.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "CreateDate": "string",
  "Customer": {
    "Account": {
      "Address": {
        "City": "string",
        "CountryCode": "string",
        "PostalCode": "string",
        "StateOrRegion": "string",
        "StreetAddress": "string"
      },
      "AwsAccountId": "string",
      "CompanyName": "string",
      "Duns": "string",
      "Industry": "string",
      "OtherIndustry": "string",
      "WebsiteUrl": "string"
    },
    "Contacts": [
      {
        "BusinessTitle": "string",
        "Email": "string",
        "FirstName": "string",
        "LastName": "string",
        "Phone": "string"
      }
    ]
  },
  "Id": "string",
  "LastModifiedDate": "string",
  "Lifecycle": {
    "ClosedLostReason": "string",
    "NextSteps": "string",
```

```
"NextStepsHistory": [
  {
    "Time": "string",
    "Value": "string"
  }
],
"ReviewComments": "string",
"ReviewStatus": "string",
"ReviewStatusReason": "string",
"Stage": "string",
"TargetCloseDate": "string"
},
"Marketing": {
  "AwsFundingUsed": "string",
  "CampaignName": "string",
  "Channels": [ "string" ],
  "Source": "string",
  "UseCases": [ "string" ]
},
"NationalSecurity": "string",
"OpportunityTeam": [
  {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string",
    "Phone": "string"
  }
],
"OpportunityType": "string",
"PartnerOpportunityIdentifier": "string",
"PrimaryNeedsFromAws": [ "string" ],
"Project": {
  "AdditionalComments": "string",
  "ApnPrograms": [ "string" ],
  "AwsPartition": "string",
  "CompetitorName": "string",
  "CustomerBusinessProblem": "string",
  "CustomerUseCase": "string",
  "DeliveryModels": [ "string" ],
  "ExpectedContractDuration": {
    "Term": "string",
    "Value": "string"
  }
},
```

```

    "ExpectedCustomerSpend": [
      {
        "Amount": "string",
        "CurrencyCode": "string",
        "EstimationUrl": "string",
        "Frequency": "string",
        "TargetCompany": "string"
      }
    ],
    "OtherCompetitorNames": "string",
    "OtherSolutionDescription": "string",
    "RelatedOpportunityIdentifier": "string",
    "SalesActivities": [ "string" ],
    "Title": "string"
  },
  "RelatedEntityIdentifiers": {
    "AwsMarketplaceOffers": [ "string" ],
    "AwsMarketplaceOfferSets": [ "string" ],
    "AwsProducts": [ "string" ],
    "Solutions": [ "string" ]
  },
  "SoftwareRevenue": {
    "DeliveryModel": "string",
    "EffectiveDate": "string",
    "ExpirationDate": "string",
    "Value": {
      "Amount": "string",
      "CurrencyCode": "string"
    }
  }
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunity

information is retrieved from. Use AWS to retrieve opportunities in the AWS catalog, and Sandbox to retrieve opportunities in a secure and isolated testing environment.

Type: String

Pattern: [a-zA-Z]+

CreatedDate

DateTime when the Opportunity was last created.

Type: Timestamp

Id

Read-only, system generated Opportunity unique identifier.

Type: String

Pattern: 0[0-9]{1,19}

LastModifiedDate

DateTime when the opportunity was last modified.

Type: Timestamp

RelatedEntityIdentifiers

Provides information about the associations of other entities with the opportunity. These entities include identifiers for AWSProducts, Partner Solutions, and AWSMarketplaceOffers.

Type: [RelatedEntityIdentifiers](#) object

Arn

The Amazon Resource Name (ARN) that uniquely identifies the opportunity.

Type: String

Pattern: arn:.*

Customer

Specifies details of the customer associated with the Opportunity.

Type: [Customer](#) object

LifeCycle

An object that contains lifecycle details for the Opportunity.

Type: [LifeCycle](#) object

Marketing

An object that contains marketing details for the Opportunity.

Type: [Marketing](#) object

NationalSecurity

Indicates whether the Opportunity pertains to a national security project. This field must be set to `true` only when the customer's industry is *Government*. Additional privacy and security measures apply during the review and management process for opportunities marked as `NationalSecurity`.

Type: String

Valid Values: Yes | No

OpportunityTeam

Represents the internal team handling the opportunity. Specify the members involved in collaborating on this opportunity within the partner's organization.

Type: Array of [Contact](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

OpportunityType

Specifies the opportunity type as renewal, new, or expansion.

Opportunity types:

- **New opportunity:** Represents a new business opportunity with a potential customer that's not previously engaged with your solutions or services.
- **Renewal opportunity:** Represents an opportunity to renew an existing contract or subscription with a current customer, which helps to ensure service continuity.
- **Expansion opportunity:** Represents an opportunity to expand the scope of a customer's contract or subscription, either by adding new services or increasing the volume of existing services.

Type: String

Valid Values: Net New Business | Flat Renewal | Expansion

PartnerOpportunityIdentifier

Specifies the opportunity's unique identifier in the partner's CRM system. This value is essential to track and reconcile because it's included in the outbound payload sent back to the partner.

Type: String

Pattern: (?s){0,64}

PrimaryNeedsFromAws

Identifies the type of support the partner needs from AWS.

Valid values:

- Cosell—Architectural Validation: Confirmation from AWS that the partner's proposed solution architecture is aligned with AWS best practices and poses minimal architectural risks.
- Cosell—Business Presentation: Request AWS seller's participation in a joint customer presentation.
- Cosell—Competitive Information: Access to AWS competitive resources and support for the partner's proposed solution.
- Cosell—Pricing Assistance: Connect with an AWS seller for support situations where a partner may be receiving an upfront discount on a service (for example: EDP deals).
- Cosell—Technical Consultation: Connect with an AWS Solutions Architect to address the partner's questions about the proposed solution.
- Cosell—Total Cost of Ownership Evaluation: Assistance with quoting different cost savings of proposed solutions on AWS versus on-premises or a traditional hosting environment.
- Cosell—Deal Support: Request AWS seller's support to progress the opportunity (for example: joint customer call, strategic positioning).
- Cosell—Support for Public Tender/RfX: Opportunity related to the public sector where the partner needs AWS RfX support.

Type: Array of strings

Valid Values: Co-Sell - Architectural Validation | Co-Sell - Business Presentation | Co-Sell - Competitive Information | Co-Sell - Pricing

Assistance | Co-Sell - Technical Consultation | Co-Sell - Total Cost of Ownership Evaluation | Co-Sell - Deal Support | Co-Sell - Support for Public Tender / RFx

Project

An object that contains project details summary for the Opportunity.

Type: [Project](#) object

SoftwareRevenue

Specifies details of a customer's procurement terms. Required only for partners in eligible programs.

Type: [SoftwareRevenue](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetResourceSnapshot

Service: Partner Central Selling API

Use this action to retrieve a specific snapshot record.

Request Syntax

```
{  
  "Catalog": "string",  
  "EngagementIdentifier": "string",  
  "ResourceIdentifier": "string",  
  "ResourceSnapshotTemplateIdentifier": "string",  
  "ResourceType": "string",  
  "Revision": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are:

- AWS: Retrieves the snapshot from the production AWS environment.
- Sandbox: Retrieves the snapshot from a sandbox environment used for testing or development purposes.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

EngagementIdentifier

The unique identifier of the engagement associated with the snapshot. This field links the snapshot to a specific engagement context.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: Yes

ResourceIdentifier

The unique identifier of the specific resource that was snapshotted. The format and constraints of this identifier depend on the ResourceType specified. For Opportunity type, it will be an opportunity ID

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

ResourceSnapshotTemplateIdentifier

The name of the template that defines the schema for the snapshot. This template determines which subset of the resource data is included in the snapshot and must correspond to an existing and valid template for the specified ResourceType.

Type: String

Pattern: [a-zA-Z0-9]{3,80}

Required: Yes

ResourceType

Specifies the type of resource that was snapshotted. This field determines the structure and content of the snapshot payload. Valid value includes: Opportunity: For opportunity-related data.

Type: String

Valid Values: Opportunity

Required: Yes

Revision

Specifies which revision of the snapshot to retrieve. If omitted returns the latest revision.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "CreatedAt": "string",
  "CreatedBy": "string",
  "EngagementId": "string",
  "Payload": { ... },
  "ResourceId": "string",
  "ResourceSnapshotTemplateName": "string",
  "ResourceType": "string",
  "Revision": number,
  "TargetMemberAccounts": [ "string" ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Catalog

The catalog in which the snapshot was created. Matches the Catalog specified in the request.

Type: String

Pattern: [a-zA-Z]+

Arn

The Amazon Resource Name (ARN) that uniquely identifies the resource snapshot.

Type: String

Pattern: `arn:.*`

CreatedAt

The timestamp when the snapshot was created, in ISO 8601 format (e.g., "2023-06-01T14:30:00Z"). This allows for precise tracking of when the snapshot was taken.

Type: Timestamp

CreatedBy

The AWS account ID of the principal (user or role) who created the snapshot. This helps in tracking the origin of the snapshot.

Type: String

Pattern: `([0-9]{12}|\w{1,12})`

EngagementId

The identifier of the engagement associated with this snapshot. Matches the EngagementIdentifier specified in the request.

Type: String

Pattern: `eng-[0-9a-z]{14}`

Payload

Represents the payload of a resource snapshot. This structure is designed to accommodate different types of resource snapshots, currently supporting opportunity summaries.

Type: [ResourceSnapshotPayload](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

ResourceId

The identifier of the specific resource that was snapshotted. Matches the ResourceIdentifier specified in the request.

Type: String

Pattern: `0[0-9]{1,19}`

ResourceSnapshotTemplateName

The name of the view used for this snapshot. This is the same as the template name.

Type: String

Pattern: `[a-zA-Z0-9]{3,80}`

ResourceType

The type of the resource that was snapshot. Matches the `ResourceType` specified in the request.

Type: String

Valid Values: Opportunity

Revision

The revision number of this snapshot. This is a positive integer that is sequential and unique within the context of a resource view.

Type: Integer

Valid Range: Minimum value of 1.

TargetMemberAccounts

Target member accounts associated with the resource snapshot.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: `([0-9]{12}|\w{1,12})`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetResourceSnapshotJob

Service: Partner Central Selling API

Use this action to retrieve information about a specific resource snapshot job.

Request Syntax

```
{  
  "Catalog": "string",  
  "ResourceSnapshotJobIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are:

- **AWS:** Retrieves the snapshot job from the production AWS environment.
- **Sandbox:** Retrieves the snapshot job from a sandbox environment used for testing or development purposes.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ResourceSnapshotJobIdentifier

The unique identifier of the resource snapshot job to be retrieved. This identifier is crucial for pinpointing the specific job you want to query.

Type: String

Pattern: `job-[0-9a-z]{13}`

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "CreatedAt": "string",
  "EngagementId": "string",
  "Id": "string",
  "LastFailure": "string",
  "LastSuccessfulExecutionDate": "string",
  "ResourceArn": "string",
  "ResourceId": "string",
  "ResourceSnapshotTemplateName": "string",
  "ResourceType": "string",
  "Status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Catalog

The catalog in which the snapshot job was created. This will match the Catalog specified in the request.

Type: String

Pattern: `[a-zA-Z]+`

Arn

The Amazon Resource Name (ARN) of the snapshot job. This globally unique identifier can be used for resource-specific operations across AWS services.

Type: String

Pattern: `arn:.*`

CreatedAt

The date and time when the snapshot job was created in ISO 8601 format (UTC). Example: "2023-05-01T20:37:46Z"

Type: Timestamp

EngagementId

The identifier of the engagement associated with this snapshot job. This links the job to a specific engagement context.

Type: String

Pattern: `eng-[0-9a-z]{14}`

Id

The unique identifier of the snapshot job. This matches the `ResourceSnapshotJobIdentifier` provided in the request.

Type: String

Pattern: `job-[0-9a-z]{13}`

LastFailure

If the job has encountered any failures, this field contains the error message from the most recent failure. This can be useful for troubleshooting issues with the job.

Type: String

LastSuccessfulExecutionDate

The date and time of the last successful execution of the job, in ISO 8601 format (UTC). Example: "2023-05-01T20:37:46Z"

Type: Timestamp

ResourceArn

The Amazon Resource Name (ARN) of the resource being snapshotted. This provides a globally unique identifier for the resource across AWS.

Type: String

Pattern: `arn:.*`

ResourceId

The identifier of the specific resource being snapshot. The format might vary depending on the `ResourceType`.

Type: String

Pattern: `0[0-9]{1,19}`

ResourceSnapshotTemplateName

The name of the template used for creating the snapshot. This is the same as the template name. It defines the structure and content of the snapshot.

Type: String

Pattern: `[a-zA-Z0-9]{3,80}`

ResourceType

The type of resource being snapshot. This would have "Opportunity" as a value as it is dependent on the supported resource type.

Type: String

Valid Values: Opportunity

Status

The current status of the snapshot job. Valid values:

- STOPPED: The job is not currently running.
- RUNNING: The job is actively executing.

Type: String

Valid Values: Running | Stopped

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetSellingSystemSettings

Service: Partner Central Selling API

Retrieves the currently set system settings, which include the IAM Role used for resource snapshot jobs.

Request Syntax

```
{  
  "Catalog": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which the settings are defined. Acceptable values include AWS for production and Sandbox for testing environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Response Syntax

```
{  
  "Catalog": "string",  
  "ResourceSnapshotJobRoleArn": "string"  
}
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Catalog

Specifies the catalog in which the settings are defined. Acceptable values include AWS for production and Sandbox for testing environments.

Type: String

Pattern: [a-zA-Z]+

ResourceSnapshotJobRoleArn

Specifies the ARN of the IAM Role used for resource snapshot job executions.

Type: String

Pattern: (?:.{0,2048}\$)arn:aws:iam::\d{12}:role/([-+=, .@_a-zA-Z0-9]+)/)*[-+=, .@_a-zA-Z0-9]{1,64}

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListEngagementByAcceptingInvitationTasks

Service: Partner Central Selling API

Lists all in-progress, completed, or failed StartEngagementByAcceptingInvitationTask tasks that were initiated by the caller's account.

Request Syntax

```
{
  "Catalog": "string",
  "EngagementInvitationIdentifier": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "OpportunityIdentifier": [ "string" ],
  "Sort": {
    "SortBy": "string",
    "SortOrder": "string"
  },
  "TaskIdentifier": [ "string" ],
  "TaskStatus": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are:

- AWS: Retrieves the request from the production AWS environment.
- Sandbox: Retrieves the request from a sandbox environment used for testing or development purposes.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

EngagementInvitationIdentifier

Filters tasks by the identifiers of the engagement invitations they are processing.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: `(?=.{1,255}$)(arn:.*|engi-[0-9a-z]{13})`

Required: No

MaxResults

Use this parameter to control the number of items returned in each request, which can be useful for performance tuning and managing large result sets.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

NextToken

Use this parameter for pagination when the result set spans multiple pages. This value is obtained from the NextToken field in the response of a previous call to this API.

Type: String

Pattern: `(?s).{1,2048}`

Required: No

OpportunityIdentifier

Filters tasks by the identifiers of the opportunities they created or are associated with.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: 0[0-9]{1,19}

Required: No

Sort

Specifies the sorting criteria for the returned results. This allows you to order the tasks based on specific attributes.

Type: [ListTasksSortBase](#) object

Required: No

TaskIdentifier

Filters tasks by their unique identifiers. Use this when you want to retrieve information about specific tasks.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: (arn:.*|task-[0-9a-z]{13})

Required: No

TaskStatus

Filters the tasks based on their current status. This allows you to focus on tasks in specific states.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 3 items.

Valid Values: IN_PROGRESS | COMPLETE | FAILED

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "TaskSummaries": [
```

```
{
  "EngagementInvitationId": "string",
  "Message": "string",
  "OpportunityId": "string",
  "ReasonCode": "string",
  "ResourceSnapshotJobId": "string",
  "StartTime": "string",
  "TaskArn": "string",
  "TaskId": "string",
  "TaskStatus": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

A token used for pagination to retrieve the next page of results. If there are more results available, this field will contain a token that can be used in a subsequent API call to retrieve the next page. If there are no more results, this field will be null or an empty string.

Type: String

TaskSummaries

An array of EngagementByAcceptingInvitationTaskSummary objects, each representing a task that matches the specified filters. The array may be empty if no tasks match the criteria.

Type: Array of [ListEngagementByAcceptingInvitationTaskSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListEngagementFromOpportunityTasks

Service: Partner Central Selling API

Lists all in-progress, completed, or failed EngagementFromOpportunity tasks that were initiated by the caller's account.

Request Syntax

```
{
  "Catalog": "string",
  "EngagementIdentifier": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "OpportunityIdentifier": [ "string" ],
  "Sort": {
    "SortBy": "string",
    "SortOrder": "string"
  },
  "TaskIdentifier": [ "string" ],
  "TaskStatus": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are:

- AWS: Retrieves the request from the production AWS environment.
- Sandbox: Retrieves the request from a sandbox environment used for testing or development purposes.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

EngagementIdentifier

Filters tasks by the identifiers of the engagements they created or are associated with.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: (arn:.*|eng-[0-9a-z]{14})

Required: No

MaxResults

Specifies the maximum number of results to return in a single page of the response. Use this parameter to control the number of items returned in each request, which can be useful for performance tuning and managing large result sets.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

NextToken

The token for requesting the next page of results. This value is obtained from the NextToken field in the response of a previous call to this API. Use this parameter for pagination when the result set spans multiple pages.

Type: String

Pattern: (?s).{1,2048}

Required: No

OpportunityIdentifier

The identifier of the original opportunity associated with this task.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: 0[0-9]{1,19}

Required: No

Sort

Specifies the sorting criteria for the returned results. This allows you to order the tasks based on specific attributes.

Type: [ListTasksSortBase](#) object

Required: No

TaskIdentifier

Filters tasks by their unique identifiers. Use this when you want to retrieve information about specific tasks.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: (arn:.*|task-[0-9a-z]{13})

Required: No

TaskStatus

Filters the tasks based on their current status. This allows you to focus on tasks in specific states.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 3 items.

Valid Values: IN_PROGRESS | COMPLETE | FAILED

Required: No

Response Syntax

```
{  
  "NextToken": "string",
```

```
"TaskSummaries": [
  {
    "EngagementId": "string",
    "EngagementInvitationId": "string",
    "Message": "string",
    "OpportunityId": "string",
    "ReasonCode": "string",
    "ResourceSnapshotJobId": "string",
    "StartTime": "string",
    "TaskArn": "string",
    "TaskId": "string",
    "TaskStatus": "string"
  }
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

A token used for pagination to retrieve the next page of results. If there are more results available, this field will contain a token that can be used in a subsequent API call to retrieve the next page. If there are no more results, this field will be null or an empty string.

Type: String

TaskSummaries

TaskSummaries An array of TaskSummary objects containing details about each task.

Type: Array of [ListEngagementFromOpportunityTaskSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListEngagementInvitations

Service: Partner Central Selling API

Retrieves a list of engagement invitations sent to the partner. This allows partners to view all pending or past engagement invitations, helping them track opportunities shared by AWS.

Request Syntax

```
{  
  "Catalog": "string",  
  "EngagementIdentifier": [ "string" ],  
  "MaxResults": number,  
  "NextToken": "string",  
  "ParticipantType": "string",  
  "PayloadType": [ "string" ],  
  "SenderAwsAccountId": [ "string" ],  
  "Sort": {  
    "SortBy": "string",  
    "SortOrder": "string"  
  },  
  "Status": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog from which to list the engagement invitations. Use AWS for production invitations or Sandbox for testing environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ParticipantType

Specifies the type of participant for which to list engagement invitations. Identifies the role of the participant.

Type: String

Valid Values: SENDER | RECEIVER

Required: Yes

EngagementIdentifier

Retrieves a list of engagement invitation summaries based on specified filters. The ListEngagementInvitations operation allows you to view all invitations that you have sent or received. You must specify the ParticipantType to filter invitations where you are either the SENDER or the RECEIVER. Invitations will automatically expire if not accepted within 15 days.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: (arn:.*|eng-[0-9a-z]{14})

Required: No

MaxResults

Specifies the maximum number of engagement invitations to return in the response. If more results are available, a pagination token will be provided.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

A pagination token used to retrieve additional pages of results when the response to a previous request was truncated. Pass this token to continue listing invitations from where the previous call left off.

Type: String

Required: No

PayloadType

Defines the type of payload associated with the engagement invitations to be listed. The attributes in this payload help decide on acceptance or rejection of the invitation.

Type: Array of strings

Valid Values: OpportunityInvitation | LeadInvitation

Required: No

SenderAwsAccountId

List of sender AWS account IDs to filter the invitations.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: ([0-9]{12}|\w{1,12})

Required: No

Sort

Specifies the sorting options for listing engagement invitations. Invitations can be sorted by fields such as InvitationDate or Status to help partners view results in their preferred order.

Type: [OpportunityEngagementInvitationSort](#) object

Required: No

Status

Status values to filter the invitations.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: ACCEPTED | PENDING | REJECTED | EXPIRED

Required: No

Response Syntax

```
{
  "EngagementInvitationSummaries": [
    {
      "Arn": "string",
      "Catalog": "string",
      "EngagementId": "string",
      "EngagementTitle": "string",
      "ExpirationDate": "string",
      "Id": "string",
      "InvitationDate": "string",
      "ParticipantType": "string",
      "PayloadType": "string",
      "Receiver": { ... },
      "SenderAwsAccountId": "string",
      "SenderCompanyName": "string",
      "Status": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[EngagementInvitationSummaries](#)

An array containing summaries of engagement invitations. Each summary includes information such as the invitation title, invitation date, and the current status of the invitation.

Type: Array of [EngagementInvitationSummary](#) objects

[NextToken](#)

A pagination token returned when there are more results available than can be returned in a single call. Use this token to retrieve additional pages of engagement invitation summaries.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListEngagementMembers

Service: Partner Central Selling API

Retrieves the details of member partners in an Engagement. This operation can only be invoked by members of the Engagement. The ListEngagementMembers operation allows you to fetch information about the members of a specific Engagement. This action is restricted to members of the Engagement being queried.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string",  
  "MaxResults": number,  
  "NextToken": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog related to the request.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Identifier

Identifier of the Engagement record to retrieve members from.

Type: String

Pattern: (arn:.*|eng-[0-9a-z]{14})

Required: Yes

MaxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 10.

Required: No

NextToken

The token for the next set of results.

Type: String

Required: No

Response Syntax

```
{
  "EngagementMemberList": [
    {
      "AccountId": "string",
      "CompanyName": "string",
      "WebsiteUrl": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

EngagementMemberList

Provides a list of engagement members.

Type: Array of [EngagementMember](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

NextToken

A pagination token used to retrieve the next set of results. If there are more results available than can be returned in a single response, this token will be present. Use this token in a subsequent request to retrieve the next page of results. If there are no more results, this value will be null.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListEngagementResourceAssociations

Service: Partner Central Selling API

Lists the associations between resources and engagements where the caller is a member and has at least one snapshot in the engagement.

Request Syntax

```
{
  "Catalog": "string",
  "CreatedBy": "string",
  "EngagementIdentifier": "string",
  "MaxResults": number,
  "NextToken": "string",
  "ResourceIdentifier": "string",
  "ResourceType": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which to search for engagement-resource associations. Valid Values: "AWS" or "Sandbox"

- AWS for production environments.
- Sandbox for testing and development purposes.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

CreatedBy

Filters the response to include only snapshots of resources owned by the specified AWS account ID. Use this when you want to find associations related to resources owned by a particular account.

Type: String

Pattern: (`[0-9]{12}`|\w{1,12})

Required: No

EngagementIdentifier

Filters the results to include only associations related to the specified engagement. Use this when you want to find all resources associated with a specific engagement.

Type: String

Pattern: eng-`[0-9a-z]{14}`

Required: No

MaxResults

Limits the number of results returned in a single call. Use this to control the number of results returned, especially useful for pagination.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

NextToken

A token used for pagination of results. Include this token in subsequent requests to retrieve the next set of results.

Type: String

Required: No

ResourceIdentifier

Filters the results to include only associations with the specified resource. Varies depending on the resource type. Use this when you want to find all engagements associated with a specific resource.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

ResourceType

Filters the results to include only associations with resources of the specified type.

Type: String

Valid Values: Opportunity

Required: No

Response Syntax

```
{
  "EngagementResourceAssociationSummaries": [
    {
      "Catalog": "string",
      "CreatedBy": "string",
      "EngagementId": "string",
      "ResourceId": "string",
      "ResourceType": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

EngagementResourceAssociationSummaries

A list of engagement-resource association summaries.

Type: Array of [EngagementResourceAssociationSummary](#) objects

NextToken

A token to retrieve the next set of results. Use this token in a subsequent request to retrieve additional results if the response was truncated.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListEngagements

Service: Partner Central Selling API

This action allows users to retrieve a list of Engagement records from Partner Central. This action can be used to manage and track various engagements across different stages of the partner selling process.

Request Syntax

```
{
  "Catalog": "string",
  "ContextTypes": [ "string" ],
  "CreatedBy": [ "string" ],
  "EngagementIdentifier": [ "string" ],
  "ExcludeContextTypes": [ "string" ],
  "ExcludeCreatedBy": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "Sort": {
    "SortBy": "string",
    "SortOrder": "string"
  }
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ContextTypes

Filters engagements to include only those containing the specified context types, such as "CustomerProject" or "Lead". Use this to find engagements that have specific types of contextual information associated with them.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Valid Values: CustomerProject | Lead

Required: No

CreatedBy

A list of AWS account IDs. When specified, the response includes engagements created by these accounts. This filter is useful for finding engagements created by specific team members.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: ([0-9]{12} | \w{1,12})

Required: No

EngagementIdentifier

An array of strings representing engagement identifiers to retrieve.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: (arn:.* | eng-[0-9a-z]{14})

Required: No

ExcludeContextTypes

Filters engagements to exclude those containing the specified context types. Use this to find engagements that do not have certain types of contextual information, helping to narrow results based on context exclusion criteria.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Valid Values: CustomerProject | Lead

Required: No

ExcludeCreatedBy

An array of strings representing AWS Account IDs. Use this to exclude engagements created by specific users.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: ([0-9]{12} | \w{1,12})

Required: No

MaxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token for the next set of results. This value is returned from a previous call.

Type: String

Required: No

Sort

Specifies the sorting parameters for listing Engagements.

Type: [EngagementSort](#) object

Required: No

Response Syntax

```
{
  "EngagementSummaryList": [
    {
      "Arn": "string",
      "ContextTypes": [ "string" ],
      "CreatedAt": "string",
      "CreatedBy": "string",
      "Id": "string",
      "MemberCount": number,
      "ModifiedAt": "string",
      "ModifiedBy": "string",
      "Title": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[EngagementSummaryList](#)

An array of engagement summary objects.

Type: Array of [EngagementSummary](#) objects

[NextToken](#)

The token to retrieve the next set of results. This field will be null if there are no more results.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListOpportunities

Service: Partner Central Selling API

This request accepts a list of filters that retrieve opportunity subsets as well as sort options. This feature is available to partners from [Partner Central](#) using the ListOpportunities API action.

To synchronize your system with AWS, list only the opportunities that were newly created or updated. We recommend you rely on events emitted by the service into your AWS account's Amazon EventBridge default event bus. You can also use the ListOpportunities action.

We recommend the following approach:

1. Find the latest LastModifiedDate that you stored, and only use the values that came from AWS. Don't use values generated by your system.
2. When you send a ListOpportunities request, submit the date in ISO 8601 format in the AfterLastModifiedDate filter.
3. AWS only returns opportunities created or updated on or after that date and time. Use NextToken to iterate over all pages.

Request Syntax

```
{
  "Catalog": "string",
  "CreatedDate": {
    "AfterCreatedDate": "string",
    "BeforeCreatedDate": "string"
  },
  "CustomerCompanyName": [ "string" ],
  "Identifier": [ "string" ],
  "LastModifiedDate": {
    "AfterLastModifiedDate": "string",
    "BeforeLastModifiedDate": "string"
  },
  "LifeCycleReviewStatus": [ "string" ],
  "LifeCycleStage": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "Sort": {
    "SortBy": "string",
    "SortOrder": "string"
  }
}
```

```
    },  
    "TargetCloseDate": {  
        "AfterTargetCloseDate": "string",  
        "BeforeTargetCloseDate": "string"  
    }  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

[Catalog](#)

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunities are listed in. Use AWS for listing real opportunities in the AWS catalog, and Sandbox for testing in secure, isolated environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

[CreatedDate](#)

Filter opportunities by creation date criteria.

Type: [CreatedDateFilter](#) object

Required: No

[CustomerCompanyName](#)

Filters the opportunities based on the customer's company name. This allows partners to search for opportunities associated with a specific customer by matching the provided company name string.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

Identifier

Filters the opportunities based on the opportunity identifier. This allows partners to retrieve specific opportunities by providing their unique identifiers, ensuring precise results.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Pattern: 0[0-9]{1,19}

Required: No

LastModifiedDate

Filters the opportunities based on their last modified date. This filter helps retrieve opportunities that were updated after the specified date, allowing partners to track recent changes or updates.

Type: [LastModifiedDate](#) object

Required: No

LifeCycleReviewStatus

Filters the opportunities based on their current lifecycle approval status. Use this filter to retrieve opportunities with statuses such as Pending Submission, In Review, Action Required, or Approved.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Valid Values: Pending Submission | Submitted | In review | Approved | Rejected | Action Required

Required: No

LifeCycleStage

Filters the opportunities based on their lifecycle stage. This filter allows partners to retrieve opportunities at various stages in the sales cycle, such as Qualified, Technical Validation, Business Validation, or Closed Won.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Valid Values: Prospect | Qualified | Technical Validation | Business Validation | Committed | Launched | Closed Lost

Required: No

MaxResults

Specifies the maximum number of results to return in a single call. This limits the number of opportunities returned in the response to avoid providing too many results at once.

Default: 20

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

A pagination token used to retrieve the next set of results in subsequent calls. This token is included in the response only if there are additional result pages available.

Type: String

Required: No

Sort

An object that specifies how the response is sorted. The default `Sort.SortBy` value is `LastModifiedDate`.

Type: [OpportunitySort](#) object

Required: No

TargetCloseDate

Filters opportunities based on their target close date. This filter helps retrieve opportunities with an expected close date before or after a specified date.

Type: [TargetCloseDateFilter](#) object

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "OpportunitySummaries": [
    {
      "Arn": "string",
      "Catalog": "string",
      "CreatedDate": "string",
      "Customer": {
        "Account": {
          "Address": {
            "City": "string",
            "CountryCode": "string",
            "PostalCode": "string",
            "StateOrRegion": "string"
          },
          "CompanyName": "string",
          "Industry": "string",
          "OtherIndustry": "string",
          "WebsiteUrl": "string"
        },
        "Id": "string",
        "LastModifiedDate": "string",
        "Lifecycle": {
          "ClosedLostReason": "string",
          "NextSteps": "string",
          "ReviewComments": "string",
          "ReviewStatus": "string",
          "ReviewStatusReason": "string",
          "Stage": "string",

```

```

    "TargetCloseDate": "string"
  },
  "OpportunityType": "string",
  "PartnerOpportunityIdentifier": "string",
  "Project": {
    "DeliveryModels": [ "string" ],
    "ExpectedContractDuration": {
      "Term": "string",
      "Value": "string"
    },
    "ExpectedCustomerSpend": [
      {
        "Amount": "string",
        "CurrencyCode": "string",
        "EstimationUrl": "string",
        "Frequency": "string",
        "TargetCompany": "string"
      }
    ]
  }
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

OpportunitySummaries

An array that contains minimal details for opportunities that match the request criteria. This summary view provides a quick overview of relevant opportunities.

Type: Array of [OpportunitySummary](#) objects

NextToken

A pagination token used to retrieve the next set of results in subsequent calls. This token is included in the response only if there are additional result pages available.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListOpportunityFromEngagementTasks

Service: Partner Central Selling API

Lists all in-progress, completed, or failed opportunity creation tasks from engagements that were initiated by the caller's account.

Request Syntax

```
{
  "Catalog": "string",
  "ContextIdentifier": [ "string" ],
  "EngagementIdentifier": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "OpportunityIdentifier": [ "string" ],
  "Sort": {
    "SortBy": "string",
    "SortOrder": "string"
  },
  "TaskIdentifier": [ "string" ],
  "TaskStatus": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are AWS for production environments and Sandbox for testing or development purposes. The catalog determines which environment the task data is retrieved from.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ContextIdentifier

Filters tasks by the identifiers of the engagement contexts associated with the opportunity creation. Use this to find tasks related to specific contextual information within engagements that are being converted to opportunities.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: [1-9][0-9]*

Required: No

EngagementIdentifier

Filters tasks by the identifiers of the engagements from which opportunities are being created. Use this to find all opportunity creation tasks associated with a specific engagement.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: (arn:.*|eng-[0-9a-z]{14})

Required: No

MaxResults

Specifies the maximum number of results to return in a single page of the response. Use this parameter to control the number of items returned in each request, which can be useful for performance tuning and managing large result sets.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

NextToken

The token for requesting the next page of results. This value is obtained from the NextToken field in the response of a previous call to this API. Use this parameter for pagination when the result set spans multiple pages.

Type: String

Pattern: `(?s){1,2048}`

Required: No

OpportunityIdentifier

Filters tasks by the identifiers of the opportunities they created or are associated with. Use this to find tasks related to specific opportunity creation processes.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: `0[0-9]{1,19}`

Required: No

Sort

Defines the sorting parameters for listing tasks. This structure allows for specifying the field to sort by and the order of sorting.

Type: [ListTasksSortBase](#) object

Required: No

TaskIdentifier

Filters tasks by their unique identifiers. Use this when you want to retrieve information about specific tasks. Provide the task ID to get details about a particular opportunity creation task.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: `(arn:.*|task-[0-9a-z]{13})`

Required: No

TaskStatus

Filters the tasks based on their current status. This allows you to focus on tasks in specific states. Valid values are COMPLETE for tasks that have finished successfully, INPROGRESS for tasks that are currently running, and FAILED for tasks that have encountered an error and failed to complete.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 3 items.

Valid Values: IN_PROGRESS | COMPLETE | FAILED

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "TaskSummaries": [
    {
      "ContextId": "string",
      "EngagementId": "string",
      "Message": "string",
      "OpportunityId": "string",
      "ReasonCode": "string",
      "ResourceSnapshotJobId": "string",
      "StartTime": "string",
      "TaskArn": "string",
      "TaskId": "string",
      "TaskStatus": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

A token used for pagination to retrieve the next page of results. If there are more results available, this field will contain a token that can be used in a subsequent API call to retrieve the next page. If there are no more results, this field will be null or an empty string.

Type: String

TaskSummaries

An array of `ListOpportunityFromEngagementTaskSummary` objects, each representing a task that matches the specified filters. The array may be empty if no tasks match the criteria.

Type: Array of [ListOpportunityFromEngagementTaskSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListResourceSnapshotJobs

Service: Partner Central Selling API

Lists resource snapshot jobs owned by the customer. This operation supports various filtering scenarios, including listing all jobs owned by the caller, jobs for a specific engagement, jobs with a specific status, or any combination of these filters.

Request Syntax

```
{
  "Catalog": "string",
  "EngagementIdentifier": "string",
  "MaxResults": number,
  "NextToken": "string",
  "Sort": {
    "SortBy": "string",
    "SortOrder": "string"
  },
  "Status": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

EngagementIdentifier

The identifier of the engagement to filter the response.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: No

MaxResults

The maximum number of results to return in a single call. If omitted, defaults to 50.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

NextToken

The token for the next set of results.

Type: String

Required: No

Sort

Configures the sorting of the response. If omitted, results are sorted by CreatedDate in descending order.

Type: [SortObject](#) object

Required: No

Status

The status of the jobs to filter the response.

Type: String

Valid Values: Running | Stopped

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "ResourceSnapshotJobSummaries": [
    {
      "Arn": "string",
      "EngagementId": "string",
      "Id": "string",
      "Status": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ResourceSnapshotJobSummaries

An array of resource snapshot job summary objects.

Type: Array of [ResourceSnapshotJobSummary](#) objects

NextToken

The token to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListResourceSnapshots

Service: Partner Central Selling API

Retrieves a list of resource view snapshots based on specified criteria. This operation supports various use cases, including:

- Fetching all snapshots associated with an engagement.
- Retrieving snapshots of a specific resource type within an engagement.
- Obtaining snapshots for a particular resource using a specified template.
- Accessing the latest snapshot of a resource within an engagement.
- Filtering snapshots by resource owner.

Request Syntax

```
{
  "Catalog": "string",
  "CreatedBy": "string",
  "EngagementIdentifier": "string",
  "MaxResults": number,
  "NextToken": "string",
  "ResourceIdentifier": "string",
  "ResourceSnapshotTemplateIdentifier": "string",
  "ResourceType": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

EngagementIdentifier

The unique identifier of the engagement associated with the snapshots.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: Yes

CreatedBy

Filters the response to include only snapshots of resources owned by the specified AWS account.

Type: String

Pattern: ([0-9]{12}|\w{1,12})

Required: No

MaxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

NextToken

The token for the next set of results.

Type: String

Required: No

ResourceIdentifier

Filters the response to include only snapshots of the specified resource.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

ResourceSnapshotTemplateIdentifier

Filters the response to include only snapshots created using the specified template.

Type: String

Pattern: [a-zA-Z0-9]{3,80}

Required: No

ResourceType

Filters the response to include only snapshots of the specified resource type.

Type: String

Valid Values: Opportunity

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "ResourceSnapshotSummaries": [
    {
      "Arn": "string",
      "CreatedBy": "string",
      "ResourceId": "string",
      "ResourceSnapshotTemplateName": "string",
      "ResourceType": "string",
      "Revision": number
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ResourceSnapshotSummaries

An array of resource snapshot summary objects.

Type: Array of [ResourceSnapshotSummary](#) objects

NextToken

The token to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListSolutions

Service: Partner Central Selling API

Retrieves a list of Partner Solutions that the partner registered on Partner Central. This API is used to generate a list of solutions that an end user selects from for association with an opportunity.

Request Syntax

```
{
  "Catalog": "string",
  "Category": [ "string" ],
  "Identifier": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "Sort": {
    "SortBy": "string",
    "SortOrder": "string"
  },
  "Status": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the solutions are listed in. Use AWS to list solutions in the AWS catalog, and Sandbox to list solutions in a secure and isolated testing environment.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Category

Filters the solutions based on the category to which they belong. This allows partners to search for solutions within specific categories, such as Software, Consulting, or Managed Services.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

Identifier

Filters the solutions based on their unique identifier. Use this filter to retrieve specific solutions by providing the solution's identifier for accurate results.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Pattern: S-[0-9]{1,19}

Required: No

MaxResults

The maximum number of results returned by a single call. This value must be provided in the next call to retrieve the next set of results.

Default: 20

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

A pagination token used to retrieve the next set of results in subsequent calls. This token is included in the response only if there are additional result pages available.

Type: String

Required: No

Sort

Object that configures sorting done on the response. Default `Sort.SortBy` is `Identifier`.

Type: [SolutionSort](#) object

Required: No

Status

Filters solutions based on their status. This filter helps partners manage their solution portfolios effectively.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Valid Values: `Active` | `Inactive` | `Draft`

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "SolutionSummaries": [
    {
      "Arn": "string",
      "Catalog": "string",
      "Category": "string",
      "CreatedDate": "string",
      "Id": "string",
      "Name": "string",
      "Status": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

SolutionSummaries

An array with minimal details for solutions matching the request criteria.

Type: Array of [SolutionBase](#) objects

NextToken

A pagination token used to retrieve the next set of results in subsequent calls. This token is included in the response only if there are additional result pages available.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Service: Partner Central Selling API

Returns a list of tags for a resource.

Request Syntax

```
{  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

ResourceArn

The Amazon Resource Name (ARN) of the resource for which you want to retrieve tags.

Type: String

Pattern: `(?=. {1,1000}$)arn:[\w+=/, .@-]+:partnercentral:[\w+=/, .@-]*:[0-9]{12}:catalog/([a-zA-Z]+)/[\w+=/, .@-]+(/[ \w+=/, .@-]+)*`

Required: Yes

Response Syntax

```
{  
  "Tags": [  
    {  
      "Key": "string",  
      "Value": "string"  
    }  
  ]  
}
```



```
}  
]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Tags

A map of the key-value pairs for the tag or tags assigned to the specified resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutSellingSystemSettings

Service: Partner Central Selling API

Updates the currently set system settings, which include the IAM Role used for resource snapshot jobs.

Request Syntax

```
{  
  "Catalog": "string",  
  "ResourceSnapshotJobRoleIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which the settings will be updated. Acceptable values include AWS for production and Sandbox for testing environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ResourceSnapshotJobRoleIdentifier

Specifies the ARN of the IAM Role used for resource snapshot job executions.

Type: String

Pattern: (?:.{0,2048}\$)(arn:aws:iam::\d{12}:role/([-+=, .@_a-zA-Z0-9]+)/)*?
[-+=, .@_a-zA-Z0-9]{1,64}

Required: No

Response Syntax

```
{
  "Catalog": "string",
  "ResourceSnapshotJobRoleArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[Catalog](#)

Specifies the catalog in which the settings are defined. Acceptable values include AWS for production and Sandbox for testing environments.

Type: String

Pattern: [a-zA-Z]+

[ResourceSnapshotJobRoleArn](#)

Specifies the ARN of the IAM Role used for resource snapshot job executions.

Type: String

Pattern: (?:.{0,2048}\$)arn:aws:iam:.\d{12}:role/([-+=,._@a-zA-Z0-9]+)/.*[-+=,._@a-zA-Z0-9]{1,64}

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RejectEngagementInvitation

Service: Partner Central Selling API

This action rejects an `EngagementInvitation` that AWS shared. Rejecting an invitation indicates that the partner doesn't want to pursue the opportunity, and all related data will become inaccessible thereafter.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string",  
  "RejectionReason": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

This is the catalog that's associated with the engagement invitation. Acceptable values are `AWS` or `Sandbox`, and these values determine the environment in which the opportunity is managed.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

Identifier

This is the unique identifier of the rejected `EngagementInvitation`. Providing the correct identifier helps to ensure that the intended invitation is rejected.

Type: String

Pattern: `(?=.{1,255}$)(arn:.*|engi-[0-9a-z]{13})`

Required: Yes

RejectionReason

This describes the reason for rejecting the engagement invitation, which helps AWS track usage patterns. Acceptable values include the following:

- *Customer problem unclear*: The customer's problem isn't understood.
- *Next steps unclear*: The next steps required to proceed aren't understood.
- *Unable to support*: The partner is unable to provide support due to resource or capability constraints.
- *Duplicate of partner referral*: The opportunity is a duplicate of an existing referral.
- *Other*: Any reason not covered by other values.

Type: String

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]{1,80}`

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartEngagementByAcceptingInvitationTask

Service: Partner Central Selling API

This action starts the engagement by accepting an `EngagementInvitation`. The task is asynchronous and involves the following steps: accepting the invitation, creating an opportunity in the partner's account from the AWS opportunity, and copying details for tracking. When completed, an `Opportunity Created` event is generated, indicating that the opportunity has been successfully created in the partner's account.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "Identifier": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the task. Use AWS for production engagements and Sandbox for testing scenarios.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

ClientToken

A unique, case-sensitive identifier provided by the client that helps to ensure the idempotency of the request. This can be a random or meaningful string but must be unique for each request.

Type: String

Pattern: `.{1,255}`

Required: Yes

Identifier

Specifies the unique identifier of the EngagementInvitation to be accepted. Providing the correct identifier helps ensure that the correct engagement is processed.

Type: String

Pattern: `(?={1,255}$)(arn:.*|engi-[0-9a-z]{13})`

Required: Yes

Tags

A map of the key-value pairs of the tag or tags to assign.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "EngagementInvitationId": "string",
  "Message": "string",
  "OpportunityId": "string",
  "ReasonCode": "string",
  "ResourceSnapshotJobId": "string",
```

```
"StartTime": "string",  
"TaskArn": "string",  
"TaskId": "string",  
"TaskStatus": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

EngagementInvitationId

Returns the identifier of the engagement invitation that was accepted and used to create the opportunity.

Type: String

Pattern: engi-[0-9,a-z]{13}

Message

If the task fails, this field contains a detailed message describing the failure and possible recovery steps.

Type: String

OpportunityId

Returns the original opportunity identifier passed in the request. This is the unique identifier for the opportunity.

Type: String

Pattern: 0[0-9]{1,19}

ReasonCode

Indicates the reason for task failure using an enumerated code.

Type: String

Valid Values: InvitationAccessDenied | InvitationValidationFailed
| EngagementAccessDenied | OpportunityAccessDenied |

ResourceSnapshotJobAccessDenied | ResourceSnapshotJobValidationFailed
| ResourceSnapshotJobConflict | EngagementValidationFailed
| EngagementConflict | OpportunitySubmissionFailed
| EngagementInvitationConflict | InternalError |
OpportunityValidationFailed | OpportunityConflict |
ResourceSnapshotAccessDenied | ResourceSnapshotValidationFailed |
ResourceSnapshotConflict | ServiceQuotaExceeded | RequestThrottled
| ContextNotFound | CustomerProjectContextNotPermitted |
DisqualifiedLeadNotPermitted

ResourceSnapshotJobId

The identifier of the Resource Snapshot Job created as part of this task.

Type: String

Pattern: job-[0-9a-z]{13}

StartTime

The timestamp indicating when the task was initiated. The format follows RFC 3339 section 5.6.

Type: Timestamp

TaskArn

The Amazon Resource Name (ARN) of the task, used for tracking and managing the task within AWS.

Type: String

Pattern: arn:.*

TaskId

The unique identifier of the task, used to track the task's progress.

Type: String

Pattern: .*task-[0-9a-z]{13}

TaskStatus

Indicates the current status of the task.

Type: String

Valid Values: IN_PROGRESS | COMPLETE | FAILED

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartEngagementFromOpportunityTask

Service: Partner Central Selling API

Similar to `StartEngagementByAcceptingInvitationTask`, this action is asynchronous and performs multiple steps before completion. This action orchestrates a comprehensive workflow that combines multiple API operations into a single task to create and initiate an engagement from an existing opportunity. It automatically executes a sequence of operations including `GetOpportunity`, `CreateEngagement` (if it doesn't exist), `CreateResourceSnapshot`, `CreateResourceSnapshotJob`, `CreateEngagementInvitation` (if not already invited/accepted), and `SubmitOpportunity`.

Request Syntax

```
{
  "AwsSubmission": {
    "InvolvementType": "string",
    "Visibility": "string"
  },
  "Catalog": "string",
  "ClientToken": "string",
  "Identifier": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

AwsSubmission

Indicates the level of AWS involvement in the opportunity. This field helps track AWS participation throughout the engagement, such as providing technical support, deal assistance, and sales support.

Type: [AwsSubmission](#) object

Required: Yes

Catalog

Specifies the catalog in which the engagement is tracked. Acceptable values include AWS for production and Sandbox for testing environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ClientToken

A unique token provided by the client to help ensure the idempotency of the request. It helps prevent the same task from being performed multiple times.

Type: String

Pattern: .{1,255}

Required: Yes

Identifier

The unique identifier of the opportunity from which the engagement task is to be initiated. This helps ensure that the task is applied to the correct opportunity.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

Tags

A map of the key-value pairs of the tag or tags to assign.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "EngagementId": "string",
  "EngagementInvitationId": "string",
  "Message": "string",
  "OpportunityId": "string",
  "ReasonCode": "string",
  "ResourceSnapshotJobId": "string",
  "StartTime": "string",
  "TaskArn": "string",
  "TaskId": "string",
  "TaskStatus": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[EngagementId](#)

The identifier of the newly created Engagement. Only populated if TaskStatus is COMPLETE.

Type: String

Pattern: eng-[0-9a-z]{14}

[EngagementInvitationId](#)

The identifier of the new Engagement invitation. Only populated if TaskStatus is COMPLETE.

Type: String

Pattern: engi-[0-9,a-z]{13}

Message

If the task fails, this field contains a detailed message describing the failure and possible recovery steps.

Type: String

OpportunityId

Returns the original opportunity identifier passed in the request, which is the unique identifier for the opportunity created in the partner's system.

Type: String

Pattern: 0[0-9]{1,19}

ReasonCode

Indicates the reason for task failure using an enumerated code.

Type: String

Valid Values: InvitationAccessDenied | InvitationValidationFailed
| EngagementAccessDenied | OpportunityAccessDenied |
ResourceSnapshotJobAccessDenied | ResourceSnapshotJobValidationFailed
| ResourceSnapshotJobConflict | EngagementValidationFailed
| EngagementConflict | OpportunitySubmissionFailed
| EngagementInvitationConflict | InternalError |
OpportunityValidationFailed | OpportunityConflict |
ResourceSnapshotAccessDenied | ResourceSnapshotValidationFailed |
ResourceSnapshotConflict | ServiceQuotaExceeded | RequestThrottled
| ContextNotFound | CustomerProjectContextNotPermitted |
DisqualifiedLeadNotPermitted

ResourceSnapshotJobId

The identifier of the resource snapshot job created to add the opportunity resource snapshot to the Engagement. Only populated if TaskStatus is COMPLETE

Type: String

Pattern: job-[0-9a-z]{13}

StartTime

The timestamp indicating when the task was initiated. The format follows RFC 3339 section 5.6.

Type: Timestamp

TaskArn

The Amazon Resource Name (ARN) of the task, used for tracking and managing the task within AWS.

Type: String

Pattern: `arn:.*`

TaskId

The unique identifier of the task, used to track the task's progress. This value follows a specific pattern: `^oit-[0-9a-z]{13}$`.

Type: String

Pattern: `.*task-[0-9a-z]{13}`

TaskStatus

Indicates the current status of the task. Valid values include `IN_PROGRESS`, `COMPLETE`, and `FAILED`.

Type: String

Valid Values: `IN_PROGRESS` | `COMPLETE` | `FAILED`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartOpportunityFromEngagementTask

Service: Partner Central Selling API

This action creates an opportunity from an existing engagement context. The task is asynchronous and orchestrates the process of converting engagement contextual information into a structured opportunity record within the partner's account.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "ContextIdentifier": "string",
  "Identifier": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which the opportunity creation task is executed. Acceptable values include AWS for production and Sandbox for testing environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ClientToken

A unique token provided by the client to help ensure the idempotency of the request. It helps prevent the same task from being performed multiple times.

Type: String

Pattern: `. {1, 255}`

Required: Yes

ContextIdentifier

The unique identifier of the engagement context from which to create the opportunity. This specifies the specific contextual information within the engagement that will be used for opportunity creation.

Type: String

Pattern: `[1-9][0-9]*`

Required: Yes

Identifier

The unique identifier of the engagement from which the opportunity creation task is to be initiated. This helps ensure that the task is applied to the correct engagement.

Type: String

Pattern: `(arn:.*|eng-[0-9a-z]{14})`

Required: Yes

Tags

A map of the key-value pairs of the tag or tags to assign.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "ContextId": "string",
  "EngagementId": "string",
  "Message": "string",
  "OpportunityId": "string",
  "ReasonCode": "string",
  "ResourceSnapshotJobId": "string",
  "StartTime": "string",
  "TaskArn": "string",
  "TaskId": "string",
  "TaskStatus": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ContextId

The unique identifier of the engagement context used to create the opportunity.

Type: String

Pattern: [1-9][0-9]*

EngagementId

The unique identifier of the engagement from which the opportunity was created.

Type: String

Pattern: eng-[0-9a-z]{14}

Message

If the task fails, this field contains a detailed message describing the failure and possible recovery steps.

Type: String

OpportunityId

The unique identifier of the opportunity created as a result of the task. This field is populated when the task is completed successfully.

Type: String

Pattern: 0[0-9]{1,19}

ReasonCode

Indicates the reason for task failure using an enumerated code.

Type: String

Valid Values: InvitationAccessDenied | InvitationValidationFailed
| EngagementAccessDenied | OpportunityAccessDenied |
ResourceSnapshotJobAccessDenied | ResourceSnapshotJobValidationFailed
| ResourceSnapshotJobConflict | EngagementValidationFailed
| EngagementConflict | OpportunitySubmissionFailed
| EngagementInvitationConflict | InternalError |
OpportunityValidationFailed | OpportunityConflict |
ResourceSnapshotAccessDenied | ResourceSnapshotValidationFailed |
ResourceSnapshotConflict | ServiceQuotaExceeded | RequestThrottled
| ContextNotFound | CustomerProjectContextNotPermitted |
DisqualifiedLeadNotPermitted

ResourceSnapshotJobId

The identifier of the resource snapshot job created as part of the opportunity creation process.

Type: String

Pattern: job-[0-9a-z]{13}

StartTime

The timestamp indicating when the task was initiated. The format follows RFC 3339 section 5.6.

Type: Timestamp

TaskArn

The Amazon Resource Name (ARN) of the task, used for tracking and managing the task within AWS.

Type: String

Pattern: `arn:.*`

TaskId

The unique identifier of the task, used to track the task's progress.

Type: String

Pattern: `.*task-[0-9a-z]{13}`

TaskStatus

Indicates the current status of the task.

Type: String

Valid Values: `IN_PROGRESS` | `COMPLETE` | `FAILED`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartResourceSnapshotJob

Service: Partner Central Selling API

Starts a resource snapshot job that has been previously created.

Request Syntax

```
{  
  "Catalog": "string",  
  "ResourceSnapshotJobIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are:

- AWS: Starts the request from the production AWS environment.
- Sandbox: Starts the request from a sandbox environment used for testing or development purposes.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ResourceSnapshotJobIdentifier

The identifier of the resource snapshot job to start.

Type: String

Pattern: job-[0-9a-z]{13}

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StopResourceSnapshotJob

Service: Partner Central Selling API

Stops a resource snapshot job. The job must be started prior to being stopped.

Request Syntax

```
{  
  "Catalog": "string",  
  "ResourceSnapshotJobIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are:

- AWS: Stops the request from the production AWS environment.
- Sandbox: Stops the request from a sandbox environment used for testing or development purposes.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ResourceSnapshotJobIdentifier

The identifier of the job to stop.

Type: String

Pattern: job-[0-9a-z]{13}

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SubmitOpportunity

Service: Partner Central Selling API

Use this action to submit an Opportunity that was previously created by partner for AWS review. After you perform this action, the Opportunity becomes non-editable until it is reviewed by AWS and has `LifeCycle.ReviewStatus` as either `Approved` or `Action Required`.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string",  
  "InvolvementType": "string",  
  "Visibility": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog related to the request. Valid values are:

- **AWS:** Submits the opportunity request from the production AWS environment.
- **Sandbox:** Submits the opportunity request from a sandbox environment used for testing or development purposes.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

Identifier

The identifier of the Opportunity previously created by partner and needs to be submitted.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

InvolvementType

Specifies the level of AWS sellers' involvement on the opportunity. Valid values:

- **Co-sell**: Indicates the user wants to co-sell with AWS. Share the opportunity with AWS to receive deal assistance and support.
- **For Visibility Only**: Indicates that the user does not need support from AWS Sales Rep. Share this opportunity with AWS for visibility only, you will not receive deal assistance and support.

Type: String

Valid Values: For Visibility Only | Co-Sell

Required: Yes

Visibility

Determines whether to restrict visibility of the opportunity from AWS sales. Default value is Full. Valid values:

- **Full**: The opportunity is fully visible to AWS sales.
- **Limited**: The opportunity has restricted visibility to AWS sales.

Type: String

Valid Values: Full | Limited

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Service: Partner Central Selling API

Assigns one or more tags (key-value pairs) to the specified resource.

Request Syntax

```
{
  "ResourceArn": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

ResourceArn

The Amazon Resource Name (ARN) of the resource that you want to tag.

Type: String

Pattern: `(?={1,1000}$)arn:[\w+=/, .@-]+:partnercentral:[\w+=/, .@-]*:[0-9]{12}:catalog/([a-zA-Z]+)/[\w+=, .@-]+(/[ \w+=, .@-]+)*`

Required: Yes

Tags

A map of the key-value pairs of the tag or tags to assign.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Service: Partner Central Selling API

Removes a tag or tags from a resource.

Request Syntax

```
{  
  "ResourceArn": "string",  
  "TagKeys": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the resource that you want to untag.

Type: String

Pattern: `(?=. {1,1000}$)arn:[\w+=/, .@-]+:partnercentral:[\w+=/, .@-]*:[0-9]{12}:catalog/([a-zA-Z]+)/[\w+=, .@-]+(/[ \w+=, .@-]+)*`

Required: Yes

[TagKeys](#)

The keys of the key-value pairs for the tag or tags you want to remove from the specified resource.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Pattern: `(?=.{1,128}$)([\\p{L}\\p{Z}\\p{N}_.: /+=\\-@]*)`

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateEngagementContext

Service: Partner Central Selling API

Updates the context information for an existing engagement with new or modified data.

Request Syntax

```
{  
  "Catalog": "string",  
  "ContextIdentifier": "string",  
  "EngagementIdentifier": "string",  
  "EngagementLastModifiedAt": "string",  
  "Payload": { ... },  
  "Type": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the engagement context update request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the engagement context is updated in.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

ContextIdentifier

The unique identifier of the specific engagement context to be updated. This ensures that the correct context within the engagement is modified.

Type: String

Pattern: `(?s){1,3}`

Required: Yes

EngagementIdentifier

The unique identifier of the Engagement containing the context to be updated. This parameter ensures the context update is applied to the correct engagement.

Type: String

Pattern: `(arn:.*|eng-[0-9a-z]{14})`

Required: Yes

EngagementLastModifiedAt

The timestamp when the engagement was last modified, used for optimistic concurrency control. This helps prevent conflicts when multiple users attempt to update the same engagement simultaneously.

Type: Timestamp

Required: Yes

Payload

Contains the updated contextual information for the engagement. The structure of this payload varies based on the context type specified in the Type field.

Type: [UpdateEngagementContextPayload](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

Type

Specifies the type of context being updated within the engagement. This field determines the structure and content of the context payload being modified.

Type: String

Valid Values: `CustomerProject` | `Lead`

Required: Yes

Response Syntax

```
{  
  "ContextId": "string",  
  "EngagementArn": "string",  
  "EngagementId": "string",  
  "EngagementLastModifiedAt": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ContextId

The unique identifier of the engagement context that was updated.

Type: String

Pattern: (?s){1,3}

EngagementArn

The Amazon Resource Name (ARN) of the updated engagement.

Type: String

Pattern: arn:.*

EngagementId

The unique identifier of the engagement that was updated.

Type: String

Pattern: eng-[0-9a-z]{14}

EngagementLastModifiedAt

The timestamp when the engagement context was last modified.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerError

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ServiceQuotaExceededException

This error occurs when the request would cause a service quota to be exceeded. Service quotas represent the maximum allowed use of a specific resource, and this error indicates that the request would surpass that limit.

Suggested action: Review the [Quotas](#) for the resource, and either reduce usage or request a quota increase.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateOpportunity

Service: Partner Central Selling API

Updates the Opportunity record identified by a given Identifier. This operation allows you to modify the details of an existing opportunity to reflect the latest information and progress. Use this action to keep the opportunity record up-to-date and accurate.

When you perform updates, include the entire payload with each request. If any field is omitted, the API assumes that the field is set to null. The best practice is to always perform a GetOpportunity to retrieve the latest values, then send the complete payload with the updated values to be changed.

Request Syntax

```
{
  "Catalog": "string",
  "Customer": {
    "Account": {
      "Address": {
        "City": "string",
        "CountryCode": "string",
        "PostalCode": "string",
        "StateOrRegion": "string",
        "StreetAddress": "string"
      },
      "AwsAccountId": "string",
      "CompanyName": "string",
      "Duns": "string",
      "Industry": "string",
      "OtherIndustry": "string",
      "WebsiteUrl": "string"
    },
    "Contacts": [
      {
        "BusinessTitle": "string",
        "Email": "string",
        "FirstName": "string",
        "LastName": "string",
        "Phone": "string"
      }
    ]
  },
}
```

```
"Identifier": "string",
"LastModifiedDate": "string",
"LifeCycle": {
  "ClosedLostReason": "string",
  "NextSteps": "string",
  "NextStepsHistory": [
    {
      "Time": "string",
      "Value": "string"
    }
  ],
  "ReviewComments": "string",
  "ReviewStatus": "string",
  "ReviewStatusReason": "string",
  "Stage": "string",
  "TargetCloseDate": "string"
},
"Marketing": {
  "AwsFundingUsed": "string",
  "CampaignName": "string",
  "Channels": [ "string" ],
  "Source": "string",
  "UseCases": [ "string" ]
},
"NationalSecurity": "string",
"OpportunityType": "string",
"PartnerOpportunityIdentifier": "string",
"PrimaryNeedsFromAws": [ "string" ],
"Project": {
  "AdditionalComments": "string",
  "ApnPrograms": [ "string" ],
  "AwsPartition": "string",
  "CompetitorName": "string",
  "CustomerBusinessProblem": "string",
  "CustomerUseCase": "string",
  "DeliveryModels": [ "string" ],
  "ExpectedContractDuration": {
    "Term": "string",
    "Value": "string"
  },
  "ExpectedCustomerSpend": [
    {
      "Amount": "string",
      "CurrencyCode": "string",
```

```
        "EstimationUrl": "string",
        "Frequency": "string",
        "TargetCompany": "string"
    },
    ],
    "OtherCompetitorNames": "string",
    "OtherSolutionDescription": "string",
    "RelatedOpportunityIdentifier": "string",
    "SalesActivities": [ "string" ],
    "Title": "string"
},
"SoftwareRevenue": {
    "DeliveryModel": "string",
    "EffectiveDate": "string",
    "ExpirationDate": "string",
    "Value": {
        "Amount": "string",
        "CurrencyCode": "string"
    }
}
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the request. This field takes a string value from a predefined list: AWS or Sandbox. The catalog determines which environment the opportunity is updated in. Use AWS to update real opportunities in the production environment, and Sandbox for testing in secure, isolated environments. When you use the Sandbox catalog, it allows you to simulate and validate your interactions with AWS services without affecting live data or operations.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Identifier

Read-only, system generated Opportunity unique identifier.

Type: String

Pattern: 0[0-9]{1,19}

Required: Yes

LastModifiedDate

DateTime when the opportunity was last modified.

Type: Timestamp

Required: Yes

Customer

Specifies details of the customer associated with the Opportunity.

Type: [Customer](#) object

Required: No

LifeCycle

An object that contains lifecycle details for the Opportunity.

Type: [LifeCycle](#) object

Required: No

Marketing

An object that contains marketing details for the Opportunity.

Type: [Marketing](#) object

Required: No

NationalSecurity

Specifies if the opportunity is associated with national security concerns. This flag is only applicable when the industry is Government. For national-security-related opportunities, validation and compliance rules may apply, impacting the opportunity's visibility and processing.

Type: String

Valid Values: Yes | No

Required: No

OpportunityType

Specifies the opportunity type as a renewal, new, or expansion.

Opportunity types:

- New opportunity: Represents a new business opportunity with a potential customer that's not previously engaged with your solutions or services.
- Renewal opportunity: Represents an opportunity to renew an existing contract or subscription with a current customer, ensuring continuity of service.
- Expansion opportunity: Represents an opportunity to expand the scope of an existing contract or subscription, either by adding new services or increasing the volume of existing services for a current customer.

Type: String

Valid Values: Net New Business | Flat Renewal | Expansion

Required: No

PartnerOpportunityIdentifier

Specifies the opportunity's unique identifier in the partner's CRM system. This value is essential to track and reconcile because it's included in the outbound payload sent back to the partner.

Type: String

Pattern: (?s).{0,64}

Required: No

PrimaryNeedsFromAws

Identifies the type of support the partner needs from AWS.

Valid values:

- Cosell—Architectural Validation: Confirmation from AWS that the partner's proposed solution architecture is aligned with AWS best practices and poses minimal architectural risks.
- Cosell—Business Presentation: Request AWS seller's participation in a joint customer presentation.
- Cosell—Competitive Information: Access to AWS competitive resources and support for the partner's proposed solution.
- Cosell—Pricing Assistance: Connect with an AWS seller for support situations where a partner may be receiving an upfront discount on a service (for example: EDP deals).
- Cosell—Technical Consultation: Connection with an AWS Solutions Architect to address the partner's questions about the proposed solution.
- Cosell—Total Cost of Ownership Evaluation: Assistance with quoting different cost savings of proposed solutions on AWS versus on-premises or a traditional hosting environment.
- Cosell—Deal Support: Request AWS seller's support to progress the opportunity (for example: joint customer call, strategic positioning).
- Cosell—Support for Public Tender/RFX: Opportunity related to the public sector where the partner needs RFX support from AWS.

Type: Array of strings

Valid Values: Co-Sell - Architectural Validation | Co-Sell - Business Presentation | Co-Sell - Competitive Information | Co-Sell - Pricing Assistance | Co-Sell - Technical Consultation | Co-Sell - Total Cost of Ownership Evaluation | Co-Sell - Deal Support | Co-Sell - Support for Public Tender / RFX

Required: No

Project

An object that contains project details summary for the Opportunity.

Type: [Project](#) object

Required: No

SoftwareRevenue

Specifies details of a customer's procurement terms. Required only for partners in eligible programs.

Type: [SoftwareRevenue](#) object

Required: No

Response Syntax

```
{
  "Id": "string",
  "LastModifiedDate": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Id

Read-only, system generated Opportunity unique identifier.

Type: String

Pattern: 0[0-9]{1,19}

LastModifiedDate

DateTime when the opportunity was last modified.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

This error occurs when you don't have permission to perform the requested action.

You don't have access to this action or resource. Review IAM policies or contact your AWS administrator for assistance.

Reason

The reason why access was denied for the requested operation.

HTTP Status Code: 400

ConflictException

This error occurs when the request can't be processed due to a conflict with the target resource's current state, which could result from updating or deleting the resource.

Suggested action: Fetch the latest state of the resource, verify the state, and retry the request.

HTTP Status Code: 400

InternalServerErrorException

This error occurs when the specified resource can't be found or doesn't exist. Resource ID and type might be incorrect.

Suggested action: This is usually a transient error. Retry after the provided retry delay or a short interval. If the problem persists, contact AWS support.

HTTP Status Code: 500

ResourceNotFoundException

This error occurs when the specified resource can't be found. The resource might not exist, or isn't visible with the current credentials.

Suggested action: Verify that the resource ID is correct and the resource is in the expected AWS region. Check IAM permissions for accessing the resource.

HTTP Status Code: 400

ThrottlingException

This error occurs when there are too many requests sent. Review the provided quotas and adapt your usage to avoid throttling.

This error occurs when there are too many requests sent. Review the provided [Quotas](#) and retry after the provided delay.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service or business validation rules.

Suggested action: Review the error message, including the failed fields and reasons, to correct the request payload.

ErrorList

A list of issues that were discovered in the submitted request or the resource state.

Reason

The primary reason for this validation exception to occur.

- *REQUEST_VALIDATION_FAILED*: The request format is not valid.

Fix: Verify your request payload includes all required fields, uses correct data types and string formats.

- *BUSINESS_VALIDATION_FAILED*: The requested change doesn't pass the business validation rules.

Fix: Check that your change aligns with the business rules defined by AWS Partner Central.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Partner Central Account API

The following actions are supported by Partner Central Account API:

- [AcceptConnectionInvitation](#)
- [AssociateAwsTrainingCertificationEmailDomain](#)
- [CancelConnection](#)
- [CancelConnectionInvitation](#)
- [CancelProfileUpdateTask](#)
- [CreateConnectionInvitation](#)
- [CreatePartner](#)
- [DisassociateAwsTrainingCertificationEmailDomain](#)
- [GetAllianceLeadContact](#)
- [GetConnection](#)
- [GetConnectionInvitation](#)
- [GetConnectionPreferences](#)
- [GetPartner](#)
- [GetProfileUpdateTask](#)
- [GetProfileVisibility](#)
- [GetVerification](#)
- [ListConnectionInvitations](#)
- [ListConnections](#)
- [ListPartners](#)
- [ListTagsForResource](#)
- [PutAllianceLeadContact](#)
- [PutProfileVisibility](#)

- [RejectConnectionInvitation](#)
- [SendEmailVerificationCode](#)
- [StartProfileUpdateTask](#)
- [StartVerification](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateConnectionPreferences](#)

AcceptConnectionInvitation

Service: Partner Central Account API

Accepts a connection invitation from another partner, establishing a formal partnership connection between the two parties.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier where the connection invitation exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9- _]+`

Required: Yes

Identifier

The unique identifier of the connection invitation to accept.

Type: String

Pattern: `pacinv-[A-Za-z0-9]{13}`

Required: Yes

Response Syntax

```
{
  "Connection": {
    "Arn": "string",
    "Catalog": "string",
    "ConnectionTypes": {
      "string": {
        "CanceledAt": "string",
        "CanceledBy": "string",
        "CreatedAt": "string",
        "InviterEmail": "string",
        "InviterName": "string",
        "OtherParticipant": { ... },
        "Status": "string"
      }
    },
    "Id": "string",
    "OtherParticipantAccountId": "string",
    "UpdatedAt": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Connection

The details of the accepted connection between the two partners.

Type: [Connection](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request was rejected because it would exceed a service quota or limit. This may occur when trying to create more resources than allowed by the service limits.

Reason

The specific reason for the service quota being exceeded.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

AssociateAwsTrainingCertificationEmailDomain

Service: Partner Central Account API

Associates an email domain with AWS training and certification for the partner account, enabling automatic verification of employee certifications.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "Email": "string",  
  "EmailVerificationCode": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Email

The email address used to verify domain ownership for AWS training and certification association.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: `[a-zA-Z0-9. !#$%&'*/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9]))?*`

Required: Yes

EmailVerificationCode

The verification code sent to the email address to confirm domain ownership.

Type: String

Length Constraints: Fixed length of 6.

Pattern: `[0-9]+`

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `(partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})`

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9-_]+`

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request was rejected because it would exceed a service quota or limit. This may occur when trying to create more resources than allowed by the service limits.

Reason

The specific reason for the service quota being exceeded.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CancelConnection

Service: Partner Central Account API

Cancels an existing connection between partners, terminating the partnership relationship.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "ConnectionType": "string",  
  "Identifier": "string",  
  "Reason": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier where the connection exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9- _]+

Required: Yes

ConnectionType

The type of connection to cancel (e.g., reseller, distributor, technology partner).

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Required: Yes

Identifier

The unique identifier of the connection to cancel.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

Required: Yes

Reason

The reason for canceling the connection, providing context for the termination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "ConnectionTypes": {
    "string" : {
```

```
    "CanceledAt": "string",
    "CanceledBy": "string",
    "CreatedAt": "string",
    "InviterEmail": "string",
    "InviterName": "string",
    "OtherParticipant": { ... },
    "Status": "string"
  },
  "Id": "string",
  "OtherParticipantAccountId": "string",
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the canceled connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection/pac-[A-Za-z0-9]{13}`

Catalog

The catalog identifier where the connection was canceled.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

ConnectionTypes

The list of connection types that were active before cancellation.

Type: String to [ConnectionTypeDetail](#) object map

Valid Keys: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Id

The unique identifier of the canceled connection.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

OtherParticipantAccountId

The AWS account ID of the other participant in the canceled connection.

Type: String

Pattern: [0-9]{12}

UpdatedAt

The timestamp when the connection was last updated (canceled).

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CancelConnectionInvitation

Service: Partner Central Account API

Cancels a pending connection invitation before it has been accepted or rejected.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier where the connection invitation exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9- _]+

Required: Yes

Identifier

The unique identifier of the connection invitation to cancel.

Type: String

Pattern: pacinv-[A-Za-z0-9]{13}

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "ConnectionId": "string",
  "ConnectionType": "string",
  "CreatedAt": "string",
  "ExpiresAt": "string",
  "Id": "string",
  "InvitationMessage": "string",
  "InviterEmail": "string",
  "InviterName": "string",
  "OtherParticipantIdentifier": "string",
  "ParticipantType": "string",
  "Status": "string",
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the canceled connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection-invitation/pacinv-[A-Za-z0-9]{13}`

Catalog

The catalog identifier where the connection invitation was canceled.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

ConnectionType

The type of connection that was being invited for.

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

CreatedAt

The timestamp when the connection invitation was originally created.

Type: Timestamp

Id

The unique identifier of the canceled connection invitation.

Type: String

Pattern: `pacinv-[A-Za-z0-9]{13}`

InvitationMessage

The message that was included with the original connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD\n]+

InviterEmail

The email address of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: [a-zA-Z0-9. !#\$%&'*/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9]))?*

InviterName

The name of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: [\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+

OtherParticipantIdentifier

The identifier of the other participant who was invited to connect.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [a-zA-Z0-9-]+

ParticipantType

The type of participant (inviter or invitee) in the connection invitation.

Type: String

Valid Values: SENDER | RECEIVER

Status

The current status of the connection invitation (canceled).

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

UpdatedAt

The timestamp when the connection invitation was last updated (canceled).

Type: Timestamp

ConnectionId

The identifier of the connection associated with the canceled invitation.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

ExpiresAt

The timestamp when the connection invitation would have expired if not canceled.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CancelProfileUpdateTask

Service: Partner Central Account API

Cancels an in-progress profile update task, stopping any pending changes to the partner profile.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "Identifier": "string",  
  "TaskId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: (partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})

Required: Yes

TaskId

The unique identifier of the profile update task to cancel.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: pprofiletask-[A-Za-z0-9]{13}

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9-_]+

Required: No

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "EndedAt": "string",
  "ErrorDetailList": [
    {
      "Locale": "string",
      "Message": "string",
      "Reason": "string"
    }
  ],
}
```



```

    "Id": "string",
    "StartedAt": "string",
    "Status": "string",
    "TaskDetails": {
        "Description": "string",
        "DisplayName": "string",
        "IndustrySegments": [ "string" ],
        "LocalizedContents": [
            {
                "Description": "string",
                "DisplayName": "string",
                "Locale": "string",
                "LogoUrl": "string",
                "WebsiteUrl": "string"
            }
        ],
        "LogoUrl": "string",
        "PrimarySolutionType": "string",
        "TranslationSourceLocale": "string",
        "WebsiteUrl": "string"
    },
    "TaskId": "string"
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the canceled profile update task.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_-]+/partner/partner-[A-Za-z0-9]{13}`

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Id

The unique identifier of the partner account.

Type: String

Pattern: partner-[A-Za-z0-9]{13}

StartedAt

The timestamp when the profile update task was started.

Type: Timestamp

Status

The current status of the profile update task (canceled).

Type: String

Valid Values: IN_PROGRESS | CANCELED | SUCCEEDED | FAILED

TaskDetails

The details of the profile update task that was canceled.

Type: [TaskDetails](#) object

TaskId

The unique identifier of the canceled profile update task.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: pprofiletask-[A-Za-z0-9]{13}

EndedAt

The timestamp when the profile update task was ended (canceled).

Type: Timestamp

ErrorDetailList

A list of error details if any errors occurred during the profile update task.

Type: Array of [ErrorDetail](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateConnectionInvitation

Service: Partner Central Account API

Creates a new connection invitation to establish a partnership with another organization.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "ConnectionType": "string",  
  "Email": "string",  
  "Message": "string",  
  "Name": "string",  
  "ReceiverIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier where the connection invitation will be created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9- _]+

Required: Yes

ConnectionType

The type of connection being requested (e.g., reseller, distributor, technology partner).

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Required: Yes

Email

The email address of the person to send the connection invitation to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: [a-zA-Z0-9. !#\$%&' *+ /=?^` { | } ~ -] + @[a-zA-Z0-9] (?: [a-zA-Z0-9 -] {0, 61} [a-zA-Z0-9])? (?: \. [a-zA-Z0-9] (?: [a-zA-Z0-9 -] {0, 61} [a-zA-Z0-9])?) *

Required: Yes

Message

A custom message to include with the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD\n]+

Required: Yes

Name

The name of the person sending the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

ReceiverIdentifier

The identifier of the organization or partner to invite for connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "ConnectionId": "string",
  "ConnectionType": "string",
  "CreatedAt": "string",
  "ExpiresAt": "string",
  "Id": "string",
  "InvitationMessage": "string",
  "InviterEmail": "string",
  "InviterName": "string",
  "OtherParticipantIdentifier": "string",
  "ParticipantType": "string",
  "Status": "string",
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the created connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-\-]*::catalog/[a-zA-Z]+/connection-invitation/pacinv-[A-Za-z0-9]{13}`

Catalog

The catalog identifier where the connection invitation was created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

ConnectionType

The type of connection being requested in the invitation.

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

CreatedAt

The timestamp when the connection invitation was created.

Type: Timestamp

Id

The unique identifier of the created connection invitation.

Type: String

Pattern: `pacinv-[A-Za-z0-9]{13}`

InvitationMessage

The custom message included with the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD\n]+`

InviterEmail

The email address of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: `[a-zA-Z0-9.!#$%&'*/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*`

InviterName

The name of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

OtherParticipantIdentifier

The identifier of the organization or partner being invited.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[a-zA-Z0-9-]+`

ParticipantType

The type of participant (inviter or invitee) in the connection invitation.

Type: String

Valid Values: SENDER | RECEIVER

Status

The current status of the connection invitation (pending, accepted, rejected, etc.).

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

UpdatedAt

The timestamp when the connection invitation was last updated.

Type: Timestamp

ConnectionId

The identifier of the connection associated with this invitation.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

ExpiresAt

The timestamp when the connection invitation will expire if not responded to.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request was rejected because it would exceed a service quota or limit. This may occur when trying to create more resources than allowed by the service limits.

Reason

The specific reason for the service quota being exceeded.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreatePartner

Service: Partner Central Account API

Creates a new partner account in the AWS Partner Network with the specified details and configuration.

Request Syntax

```
{
  "AllianceLeadContact": {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string"
  },
  "Catalog": "string",
  "ClientToken": "string",
  "EmailVerificationCode": "string",
  "LegalName": "string",
  "PrimarySolutionType": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

AllianceLeadContact

The primary contact person for alliance and partnership matters.

Type: [AllianceLeadContact](#) object

Required: Yes

[Catalog](#)

The catalog identifier where the partner account will be created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

[EmailVerificationCode](#)

The verification code sent to the alliance lead contact's email to confirm account creation.

Type: String

Length Constraints: Fixed length of 6.

Pattern: [0-9]+

Required: Yes

[LegalName](#)

The legal name of the organization becoming a partner.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: [\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+

Required: Yes

[PrimarySolutionType](#)

The primary type of solution or service the partner provides (e.g., consulting, software, managed services).

Type: String

Valid Values: SOFTWARE_PRODUCTS | CONSULTING_SERVICES | PROFESSIONAL_SERVICES | MANAGED_SERVICES | HARDWARE_PRODUCTS | COMMUNICATION_SERVICES | VALUE_ADDED_RESALE_AWS_SERVICES | TRAINING_SERVICES

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9- _]+

Required: No

Tags

A list of tags to associate with the partner account for organization and billing purposes.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "AllianceLeadContact": {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string"
  },
  "Arn": "string",
  "AwsTrainingCertificationEmailDomains": [
    {
      "DomainName": "string",
      "RegisteredAt": "string"
    }
  ]
}
```



```

],
  "Catalog": "string",
  "CreatedAt": "string",
  "Id": "string",
  "LegalName": "string",
  "Profile": {
    "Description": "string",
    "DisplayName": "string",
    "IndustrySegments": [ "string" ],
    "LocalizedContents": [
      {
        "Description": "string",
        "DisplayName": "string",
        "Locale": "string",
        "LogoUrl": "string",
        "WebsiteUrl": "string"
      }
    ],
    "LogoUrl": "string",
    "PrimarySolutionType": "string",
    "ProfileId": "string",
    "TranslationSourceLocale": "string",
    "WebsiteUrl": "string"
  }
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[AllianceLeadContact](#)

The alliance lead contact information for the partner account.

Type: [AllianceLeadContact](#) object

[Arn](#)

The Amazon Resource Name (ARN) of the created partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_-]+/partner/partner-[A-Za-z0-9]{13}`

Catalog

The catalog identifier where the partner account was created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

CreatedAt

The timestamp when the partner account was created.

Type: Timestamp

Id

The unique identifier of the created partner account.

Type: String

Pattern: `partner-[A-Za-z0-9]{13}`

LegalName

The legal name of the partner organization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Profile

The partner profile information including display name, description, and other public details.

Type: [PartnerProfile](#) object

AwsTrainingCertificationEmailDomains

The list of verified email domains associated with AWS training and certification credentials for the partner organization.

Type: Array of [PartnerDomain](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateAwsTrainingCertificationEmailDomain

Service: Partner Central Account API

Removes the association between an email domain and AWS training and certification for the partner account.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "DomainName": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

DomainName

The domain name to disassociate from AWS training and certification.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `[a-zA-Z0-9]([a-zA-Z0-9]{0,61}[a-zA-Z0-9])?(\.[a-zA-Z0-9]([a-zA-Z0-9]{0,61}[a-zA-Z0-9])?)*`

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `(partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})`

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9-_]+`

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAllianceLeadContact

Service: Partner Central Account API

Retrieves the alliance lead contact information for a partner account.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: (partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})

Required: Yes

Response Syntax

```
{
  "AllianceLeadContact": {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string"
  },
  "Arn": "string",
  "Catalog": "string",
  "Id": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AllianceLeadContact

The alliance lead contact information including name, email, and business title.

Type: [AllianceLeadContact](#) object

Arn

The Amazon Resource Name (ARN) of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13}

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Id

The unique identifier of the partner account.

Type: String

Pattern: partner-[A-Za-z0-9]{13}

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetConnection

Service: Partner Central Account API

Retrieves detailed information about a specific connection between partners.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier where the connection exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the connection to retrieve.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "ConnectionTypes": {
    "string" : {
      "CanceledAt": "string",
      "CanceledBy": "string",
      "CreatedAt": "string",
      "InviterEmail": "string",
      "InviterName": "string",
      "OtherParticipant": { ... },
      "Status": "string"
    }
  },
  "Id": "string",
  "OtherParticipantAccountId": "string",
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection/pac-[A-Za-z0-9]{13}`

Catalog

The catalog identifier where the connection exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

ConnectionTypes

The list of connection types active between the partners.

Type: String to [ConnectionTypeDetail](#) object map

Valid Keys: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Id

The unique identifier of the connection.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

OtherParticipantAccountId

The AWS account ID of the other participant in the connection.

Type: String

Pattern: [0-9]{12}

UpdatedAt

The timestamp when the connection was last updated.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetConnectionInvitation

Service: Partner Central Account API

Retrieves detailed information about a specific connection invitation.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier where the connection invitation exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the connection invitation to retrieve.

Type: String

Pattern: pacinv-[A-Za-z0-9]{13}

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "ConnectionId": "string",
  "ConnectionType": "string",
  "CreatedAt": "string",
  "ExpiresAt": "string",
  "Id": "string",
  "InvitationMessage": "string",
  "InviterEmail": "string",
  "InviterName": "string",
  "OtherParticipantIdentifier": "string",
  "ParticipantType": "string",
  "Status": "string",
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection-invitation/pacinv-[A-Za-z0-9]{13}`

Catalog

The catalog identifier where the connection invitation exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

ConnectionType

The type of connection being requested in the invitation.

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

CreatedAt

The timestamp when the connection invitation was created.

Type: Timestamp

Id

The unique identifier of the connection invitation.

Type: String

Pattern: pacinv-[A-Za-z0-9]{13}

InvitationMessage

The custom message included with the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD\n]+

InviterEmail

The email address of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: [a-zA-Z0-9. !#\$%&'*/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*

InviterName

The name of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

OtherParticipantIdentifier

The identifier of the other participant in the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[a-zA-Z0-9-]+`

ParticipantType

The type of participant (inviter or invitee) in the connection invitation.

Type: String

Valid Values: SENDER | RECEIVER

Status

The current status of the connection invitation.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

UpdatedAt

The timestamp when the connection invitation was last updated.

Type: Timestamp

ConnectionId

The identifier of the connection associated with this invitation.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

ExpiresAt

The timestamp when the connection invitation will expire.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetConnectionPreferences

Service: Partner Central Account API

Retrieves the connection preferences for a partner account, including access settings and exclusions.

Request Syntax

```
{  
  "Catalog": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Response Syntax

```
{  
  "AccessType": "string",  
  "Arn": "string",  
}
```

```
"Catalog": "string",  
"ExcludedParticipantIds": [ "string" ],  
"Revision": number,  
"UpdatedAt": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AccessType

The access type setting for connections (e.g., open, restricted, invitation-only).

Type: String

Valid Values: ALLOW_ALL | DENY_ALL | ALLOW_BY_DEFAULT_DENY_SOME

Arn

The Amazon Resource Name (ARN) of the connection preferences.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*:]{12}:catalog/[a-zA-Z]+/connection-preferences`

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Revision

The revision number of the connection preferences for optimistic locking.

Type: Long

UpdatedAt

The timestamp when the connection preferences were last updated.

Type: Timestamp

ExcludedParticipantIds

A list of participant IDs that are excluded from connection requests or interactions.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [a-zA-Z0-9-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetPartner

Service: Partner Central Account API

Retrieves detailed information about a specific partner account.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the partner account to retrieve.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: (partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "AwsTrainingCertificationEmailDomains": [
    {
      "DomainName": "string",
      "RegisteredAt": "string"
    }
  ],
  "Catalog": "string",
  "CreatedAt": "string",
  "Id": "string",
  "LegalName": "string",
  "Profile": {
    "Description": "string",
    "DisplayName": "string",
    "IndustrySegments": [ "string" ],
    "LocalizedContents": [
      {
        "Description": "string",
        "DisplayName": "string",
        "Locale": "string",
        "LogoUrl": "string",
        "WebsiteUrl": "string"
      }
    ],
    "LogoUrl": "string",
    "PrimarySolutionType": "string",
    "ProfileId": "string",
    "TranslationSourceLocale": "string",
    "WebsiteUrl": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_-]+/partner/partner-[A-Za-z0-9]{13}`

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

CreatedAt

The timestamp when the partner account was created.

Type: Timestamp

Id

The unique identifier of the partner account.

Type: String

Pattern: `partner-[A-Za-z0-9]{13}`

LegalName

The legal name of the partner organization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Profile

The partner profile information including display name, description, and other public details.

Type: [PartnerProfile](#) object

AwsTrainingCertificationEmailDomains

The list of verified email domains associated with AWS training and certification credentials for the partner organization.

Type: Array of [PartnerDomain](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetProfileUpdateTask

Service: Partner Central Account API

Retrieves information about a specific profile update task.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: (partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "EndedAt": "string",
  "ErrorDetailList": [
    {
      "Locale": "string",
      "Message": "string",
      "Reason": "string"
    }
  ],
  "Id": "string",
  "StartedAt": "string",
  "Status": "string",
  "TaskDetails": {
    "Description": "string",
    "DisplayName": "string",
    "IndustrySegments": [ "string" ],
    "LocalizedContents": [
      {
        "Description": "string",
        "DisplayName": "string",
        "Locale": "string",
        "LogoUrl": "string",
        "WebsiteUrl": "string"
      }
    ],
    "LogoUrl": "string",
    "PrimarySolutionType": "string",
    "TranslationSourceLocale": "string",
    "WebsiteUrl": "string"
  },
  "TaskId": "string"
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the profile update task.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_-]+/partner/partner-[A-Za-z0-9]{13}`

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Id

The unique identifier of the partner account.

Type: String

Pattern: `partner-[A-Za-z0-9]{13}`

StartedAt

The timestamp when the profile update task was started.

Type: Timestamp

Status

The current status of the profile update task (in progress, completed, failed, etc.).

Type: String

Valid Values: IN_PROGRESS | CANCELED | SUCCEEDED | FAILED

TaskDetails

The details of the profile update task including what changes are being made.

Type: [TaskDetails](#) object

TaskId

The unique identifier of the profile update task.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: pprofiletask-[A-Za-z0-9]{13}

EndedAt

The timestamp when the profile update task was completed or failed.

Type: Timestamp

ErrorDetailList

A list of error details if any errors occurred during the profile update task.

Type: Array of [ErrorDetail](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetProfileVisibility

Service: Partner Central Account API

Retrieves the visibility settings for a partner profile, determining who can see the profile information.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: (partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "Id": "string",
  "ProfileId": "string",
  "Visibility": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13}

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Id

The unique identifier of the partner account.

Type: String

Pattern: partner-[A-Za-z0-9]{13}

ProfileId

The unique identifier of the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: pprofile-[A-Za-z0-9]{13}

Visibility

The visibility setting for the partner profile (public, private, restricted, etc.).

Type: String

Valid Values: PRIVATE | PUBLIC

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetVerification

Service: Partner Central Account API

Retrieves the current status and details of a verification process for a partner account. This operation allows partners to check the progress and results of business or registrant verification processes.

Request Syntax

```
{  
  "VerificationType": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

VerificationType

The type of verification to retrieve information for. Valid values include business verification for company registration details and registrant verification for individual identity confirmation.

Type: String

Valid Values: BUSINESS_VERIFICATION | REGISTRANT_VERIFICATION

Required: Yes

Response Syntax

```
{  
  "CompletedAt": "string",  
  "StartedAt": "string",  
}
```

```
"VerificationResponseDetails": { ... },  
"VerificationStatus": "string",  
"VerificationStatusReason": "string",  
"VerificationType": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

StartedAt

The timestamp when the verification process was initiated.

Type: Timestamp

VerificationResponseDetails

Detailed response information specific to the type of verification performed, including any verification-specific data or results.

Type: [VerificationResponseDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

VerificationStatus

The current status of the verification process. Possible values include pending, in-progress, completed, failed, or expired.

Type: String

Valid Values: PENDING_CUSTOMER_ACTION | IN_PROGRESS | FAILED | SUCCEEDED | REJECTED

VerificationType

The type of verification that was requested and processed.

Type: String

Valid Values: BUSINESS_VERIFICATION | REGISTRANT_VERIFICATION

CompletedAt

The timestamp when the verification process was completed. This field is null if the verification is still in progress.

Type: Timestamp

VerificationStatusReason

Additional information explaining the current verification status, particularly useful when the status indicates a failure or requires additional action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFF]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListConnectionInvitations

Service: Partner Central Account API

Lists connection invitations for the partner account, with optional filtering by status, type, and other criteria.

Request Syntax

```
{
  "Catalog": "string",
  "ConnectionType": "string",
  "MaxResults": number,
  "NextToken": "string",
  "OtherParticipantIdentifiers": [ "string" ],
  "ParticipantType": "string",
  "Status": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

ConnectionType

Filter results by connection type (e.g., reseller, distributor, technology partner).

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Required: No

MaxResults

The maximum number of connection invitations to return in a single response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token for retrieving the next page of results in paginated responses.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\S]+`

Required: No

OtherParticipantIdentifiers

Filter results by specific participant identifiers.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[a-zA-Z0-9-]+`

Required: No

ParticipantType

Filter results by participant type (inviter or invitee).

Type: String

Valid Values: SENDER | RECEIVER

Required: No

Status

Filter results by invitation status (pending, accepted, rejected, canceled, expired).

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

Required: No

Response Syntax

```
{
  "ConnectionInvitationSummaries": [
    {
      "Arn": "string",
      "Catalog": "string",
      "ConnectionId": "string",
      "ConnectionType": "string",
      "CreatedAt": "string",
      "ExpiresAt": "string",
      "Id": "string",
      "OtherParticipantIdentifier": "string",
      "ParticipantType": "string",
      "Status": "string",
      "UpdatedAt": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConnectionInvitationSummaries

A list of connection invitation summaries matching the specified criteria.

Type: Array of [ConnectionInvitationSummary](#) objects

NextToken

The token for retrieving the next page of results if more results are available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\S]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListConnections

Service: Partner Central Account API

Lists active connections for the partner account, with optional filtering by connection type and participant.

Request Syntax

```
{  
  "Catalog": "string",  
  "ConnectionType": "string",  
  "MaxResults": number,  
  "NextToken": "string",  
  "OtherParticipantIdentifiers": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

ConnectionType

Filter results by connection type (e.g., reseller, distributor, technology partner).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `[a-zA-Z_-]+(:[a-zA-Z]+)?`

Required: No

MaxResults

The maximum number of connections to return in a single response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token for retrieving the next page of results in paginated responses.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\S]+`

Required: No

OtherParticipantIdentifiers

Filter results by specific participant identifiers.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[a-zA-Z0-9-]+`

Required: No

Response Syntax

```
{
```

```
"ConnectionSummaries": [  
  {  
    "Arn": "string",  
    "Catalog": "string",  
    "ConnectionTypes": {  
      "string" : {  
        "OtherParticipant": { ... },  
        "Status": "string"  
      }  
    },  
    "Id": "string",  
    "OtherParticipantAccountId": "string",  
    "UpdatedAt": "string"  
  },  
  "NextToken": "string"  
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConnectionSummaries

A list of connection summaries matching the specified criteria.

Type: Array of [ConnectionSummary](#) objects

NextToken

The token for retrieving the next page of results if more results are available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\S]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListPartners

Service: Partner Central Account API

Lists partner accounts in the catalog, providing a summary view of all partners.

Request Syntax

```
{  
  "Catalog": "string",  
  "NextToken": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier to list partners from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

NextToken

The token for retrieving the next page of results in paginated responses.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\S]+`

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "PartnerSummaryList": [
    {
      "Arn": "string",
      "Catalog": "string",
      "CreatedAt": "string",
      "Id": "string",
      "LegalName": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[PartnerSummaryList](#)

A list of partner summaries including basic information about each partner account.

Type: Array of [PartnerSummary](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

[NextToken](#)

The token for retrieving the next page of results if more results are available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\S]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Service: Partner Central Account API

Lists all tags associated with a specific AWS Partner Central Account resource.

Request Syntax

```
{  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the resource to list tags for.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:[A-Za-z0-9._:/-]+`

Required: Yes

Response Syntax

```
{  
  "ResourceArn": "string",  
  "Tags": [  
    {  
      "Key": "string",  
      "Value": "string"  
    }  
  ]  
}
```

```
    "Key": "string",  
    "Value": "string"  
  }  
]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ResourceArn

The Amazon Resource Name (ARN) of the resource that the tags are associated with.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:[A-Za-z0-9._:/-]+`

Tags

A list of tags associated with the specified resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutAllianceLeadContact

Service: Partner Central Account API

Creates or updates the alliance lead contact information for a partner account.

Request Syntax

```
{
  "AllianceLeadContact": {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string"
  },
  "Catalog": "string",
  "EmailVerificationCode": "string",
  "Identifier": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

AllianceLeadContact

The alliance lead contact information to set for the partner account.

Type: [AllianceLeadContact](#) object

Required: Yes

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: (partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})

Required: Yes

EmailVerificationCode

The verification code sent to the alliance lead contact's email to confirm the update.

Type: String

Length Constraints: Fixed length of 6.

Pattern: [0-9]+

Required: No

Response Syntax

```
{
  "AllianceLeadContact": {
    "BusinessTitle": "string",
    "Email": "string",
    "FirstName": "string",
    "LastName": "string"
  },
  "Arn": "string",
```



```
"Catalog": "string",  
"Id": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AllianceLeadContact

The updated alliance lead contact information.

Type: [AllianceLeadContact](#) object

Arn

The Amazon Resource Name (ARN) of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_-]+/partner/partner-[A-Za-z0-9]{13}`

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Id

The unique identifier of the partner account.

Type: String

Pattern: `partner-[A-Za-z0-9]{13}`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutProfileVisibility

Service: Partner Central Account API

Sets the visibility level for a partner profile, controlling who can view the profile information.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string",  
  "Visibility": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: (partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})

Required: Yes

Visibility

The visibility setting to apply to the partner profile.

Type: String

Valid Values: PRIVATE | PUBLIC

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "Id": "string",
  "ProfileId": "string",
  "Visibility": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13}

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Id

The unique identifier of the partner account.

Type: String

Pattern: partner-[A-Za-z0-9]{13}

ProfileId

The unique identifier of the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: pprofile-[A-Za-z0-9]{13}

Visibility

The updated visibility setting for the partner profile.

Type: String

Valid Values: PRIVATE | PUBLIC

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RejectConnectionInvitation

Service: Partner Central Account API

Rejects a connection invitation from another partner, declining the partnership request.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "Identifier": "string",  
  "Reason": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier where the connection invitation exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9- _]+

Required: Yes

Identifier

The unique identifier of the connection invitation to reject.

Type: String

Pattern: pacinv-[A-Za-z0-9]{13}

Required: Yes

Reason

The reason for rejecting the connection invitation.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "ConnectionId": "string",
  "ConnectionType": "string",
  "CreatedAt": "string",
  "ExpiresAt": "string",
  "Id": "string",
  "InvitationMessage": "string",
  "InviterEmail": "string",
  "InviterName": "string",
  "OtherParticipantIdentifier": "string",
  "ParticipantType": "string",
  "Status": "string",
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the rejected connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection-invitation/pacinv-[A-Za-z0-9]{13}`

Catalog

The catalog identifier where the connection invitation was rejected.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

ConnectionType

The type of connection that was being invited for.

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

CreatedAt

The timestamp when the connection invitation was originally created.

Type: Timestamp

Id

The unique identifier of the rejected connection invitation.

Type: String

Pattern: `pacinv-[A-Za-z0-9]{13}`

InvitationMessage

The message that was included with the original connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD\n]+`

InviterEmail

The email address of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: `[a-zA-Z0-9. !#$%&'*/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9]))?*`

InviterName

The name of the person who sent the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

OtherParticipantIdentifier

The identifier of the other participant who sent the invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[a-zA-Z0-9-]+`

ParticipantType

The type of participant (inviter or invitee) in the connection invitation.

Type: String

Valid Values: SENDER | RECEIVER

Status

The current status of the connection invitation (rejected).

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

UpdatedAt

The timestamp when the connection invitation was last updated (rejected).

Type: Timestamp

ConnectionId

The identifier of the connection associated with the rejected invitation.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

ExpiresAt

The timestamp when the connection invitation would have expired.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendEmailVerificationCode

Service: Partner Central Account API

Sends an email verification code to the specified email address for account verification purposes.

Request Syntax

```
{  
  "Catalog": "string",  
  "Email": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Email

The email address to send the verification code to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: `[a-zA-Z0-9. !#$%&'*/=?^_`{|}~ -]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*`

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ServiceQuotaExceededException

The request was rejected because it would exceed a service quota or limit. This may occur when trying to create more resources than allowed by the service limits.

Reason

The specific reason for the service quota being exceeded.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartProfileUpdateTask

Service: Partner Central Account API

Initiates a profile update task to modify partner profile information asynchronously.

Request Syntax

```
{
  "Catalog": "string",
  "ClientToken": "string",
  "Identifier": "string",
  "TaskDetails": {
    "Description": "string",
    "DisplayName": "string",
    "IndustrySegments": [ "string" ],
    "LocalizedContents": [
      {
        "Description": "string",
        "DisplayName": "string",
        "Locale": "string",
        "LogoUrl": "string",
        "WebsiteUrl": "string"
      }
    ],
    "LogoUrl": "string",
    "PrimarySolutionType": "string",
    "TranslationSourceLocale": "string",
    "WebsiteUrl": "string"
  }
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

Identifier

The unique identifier of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `(partner-[A-Za-z0-9]{13}|arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_]+/partner/partner-[A-Za-z0-9]{13})`

Required: Yes

TaskDetails

The details of the profile updates to be performed.

Type: [TaskDetails](#) object

Required: Yes

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9-_]+`

Required: No

Response Syntax

```
{
  "Arn": "string",
  "Catalog": "string",
  "EndedAt": "string",
  "ErrorDetailList": [
    {
      "Locale": "string",
      "Message": "string",
      "Reason": "string"
    }
  ],
  "Id": "string",
  "StartedAt": "string",
  "Status": "string",
  "TaskDetails": {
    "Description": "string",
    "DisplayName": "string",
    "IndustrySegments": [ "string" ],
    "LocalizedContents": [
      {
        "Description": "string",
        "DisplayName": "string",
        "Locale": "string",
        "LogoUrl": "string",
        "WebsiteUrl": "string"
      }
    ],
    "LogoUrl": "string",
    "PrimarySolutionType": "string",
    "TranslationSourceLocale": "string",
    "WebsiteUrl": "string"
  },
  "TaskId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the started profile update task.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_-]+/partner/partner-[A-Za-z0-9]{13}`

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Id

The unique identifier of the partner account.

Type: String

Pattern: `partner-[A-Za-z0-9]{13}`

StartedAt

The timestamp when the profile update task was started.

Type: Timestamp

Status

The current status of the profile update task (in progress).

Type: String

Valid Values: IN_PROGRESS | CANCELED | SUCCEEDED | FAILED

TaskDetails

The details of the profile update task that was started.

Type: [TaskDetails](#) object

TaskId

The unique identifier of the started profile update task.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: pprofiletask-[A-Za-z0-9]{13}

EndedAt

The timestamp when the profile update task ended (null for in-progress tasks).

Type: Timestamp

ErrorDetailList

A list of error details if any errors occurred during the profile update task.

Type: Array of [ErrorDetail](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartVerification

Service: Partner Central Account API

Initiates a new verification process for a partner account. This operation begins the verification workflow for either business registration or individual registrant identity verification as required by AWS Partner Central.

Request Syntax

```
{
  "ClientToken": "string",
  "VerificationDetails": { ... }
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. This prevents duplicate verification processes from being started accidentally.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9-__]+

Required: No

VerificationDetails

The specific details required for the verification process, including business information for business verification or personal information for registrant verification.

Type: [VerificationDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

Response Syntax

```
{
  "CompletedAt": "string",
  "StartedAt": "string",
  "VerificationResponseDetails": { ... },
  "VerificationStatus": "string",
  "VerificationStatusReason": "string",
  "VerificationType": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[StartedAt](#)

The timestamp when the verification process was successfully initiated.

Type: Timestamp

[VerificationResponseDetails](#)

Initial response details specific to the type of verification started, which may include next steps or additional requirements.

Type: [VerificationResponseDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

[VerificationStatus](#)

The initial status of the verification process after it has been started. Typically this will be pending or in-progress.

Type: String

Valid Values: PENDING_CUSTOMER_ACTION | IN_PROGRESS | FAILED | SUCCEEDED | REJECTED

VerificationType

The type of verification that was started based on the provided verification details.

Type: String

Valid Values: BUSINESS_VERIFICATION | REGISTRANT_VERIFICATION

CompletedAt

The timestamp when the verification process was completed. This field is typically null for newly started verifications unless they complete immediately.

Type: Timestamp

VerificationStatusReason

Additional information about the initial verification status, including any immediate feedback about the submitted verification details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ServiceQuotaExceededException

The request was rejected because it would exceed a service quota or limit. This may occur when trying to create more resources than allowed by the service limits.

Reason

The specific reason for the service quota being exceeded.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Service: Partner Central Account API

Adds or updates tags for a specified AWS Partner Central Account resource.

Request Syntax

```
{
  "ResourceArn": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

ResourceArn

The Amazon Resource Name (ARN) of the resource to tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:[A-Za-z0-9._:/-]+`

Required: Yes

Tags

A list of tags to add or update for the specified resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Service: Partner Central Account API

Removes specified tags from an AWS Partner Central Account resource.

Request Syntax

```
{  
  "ResourceArn": "string",  
  "TagKeys": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the resource to remove tags from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:[A-Za-z0-9._:/-]+`

Required: Yes

[TagKeys](#)

A list of tag keys to remove from the specified resource.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource could not be found. This may occur when referencing a resource that does not exist or has been deleted.

Reason

The specific reason why the resource was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateConnectionPreferences

Service: Partner Central Account API

Updates the connection preferences for a partner account, modifying access settings and exclusions.

Request Syntax

```
{  
  "AccessType": "string",  
  "Catalog": "string",  
  "ExcludedParticipantIdentifiers": [ "string" ],  
  "Revision": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

AccessType

The access type setting for connections (e.g., open, restricted, invitation-only).

Type: String

Valid Values: ALLOW_ALL | DENY_ALL | ALLOW_BY_DEFAULT_DENY_SOME

Required: Yes

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Revision

The revision number of the connection preferences for optimistic locking.

Type: Long

Required: Yes

ExcludedParticipantIdentifiers

The updated list of participant identifiers to exclude from connections.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [a-zA-Z0-9-]+

Required: No

Response Syntax

```
{
  "AccessType": "string",
  "Arn": "string",
  "Catalog": "string",
  "ExcludedParticipantIds": [ "string" ],
  "Revision": number,
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AccessType

The updated access type setting for connections.

Type: String

Valid Values: ALLOW_ALL | DENY_ALL | ALLOW_BY_DEFAULT_DENY_SOME

Arn

The Amazon Resource Name (ARN) of the updated connection preferences.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*:]{12}:catalog/[a-zA-Z]+/connection-preferences`

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Revision

The updated revision number of the connection preferences.

Type: Long

UpdatedAt

The timestamp when the connection preferences were last updated.

Type: Timestamp

ExcludedParticipantIds

A list of participant IDs that are excluded from connection requests or interactions.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [a-zA-Z0-9-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions. The caller does not have the required permissions to perform this operation.

Reason

The specific reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource. This typically occurs when trying to create a resource that already exists or modify a resource that has been changed by another process.

Reason

The specific reason for the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request. This is typically a temporary condition and the request may be retried.

HTTP Status Code: 500

ThrottlingException

The request was throttled due to too many requests being sent in a short period of time. The client should implement exponential backoff and retry the request.

QuotaCode

The quota code associated with the throttling error.

ServiceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation. One or more input parameters are invalid, missing, or do not meet the required format or constraints.

ErrorDetails

A list of detailed validation errors that occurred during request processing.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Partner Central Benefits API

The following actions are supported by Partner Central Benefits API:

- [AmendBenefitApplication](#)
- [AssociateBenefitApplicationResource](#)
- [CancelBenefitApplication](#)
- [CreateBenefitApplication](#)
- [DisassociateBenefitApplicationResource](#)
- [GetBenefit](#)
- [GetBenefitAllocation](#)
- [GetBenefitApplication](#)
- [ListBenefitAllocations](#)
- [ListBenefitApplications](#)
- [ListBenefits](#)
- [ListTagsForResource](#)
- [RecallBenefitApplication](#)
- [SubmitBenefitApplication](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateBenefitApplication](#)

AmendBenefitApplication

Service: Partner Central Benefits API

Modifies an existing benefit application by applying amendments to specific fields while maintaining revision control. The following fields paths can be modified using this API based on benefit program type.

For MAP and POC Programs: \$.AccountId

For ISVWMP Programs: \$.IsvWmpSecondTrancheConsentCaptured

Request Syntax

```
{
  "AmendmentReason": "string",
  "Amendments": [
    {
      "FieldPath": "string",
      "NewValue": "string"
    }
  ],
  "Catalog": "string",
  "ClientToken": "string",
  "Identifier": "string",
  "Revision": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

AmendmentReason

A descriptive reason explaining why the benefit application is being amended.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: Yes

Amendments

A list of specific field amendments to apply to the benefit application.

Type: Array of [Amendment](#) objects

Required: Yes

Catalog

The catalog identifier that specifies which benefit catalog the application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier to ensure idempotent processing of the amendment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Identifier

The unique identifier of the benefit application to be amended.

Type: String

Pattern: (arn: .+|benappl-[0-9a-z]{14})

Required: Yes

Revision

The current revision number of the benefit application to ensure optimistic concurrency control.

Type: String

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

AssociateBenefitApplicationResource

Service: Partner Central Benefits API

Links an AWS resource to an existing benefit application for tracking and management purposes.

Request Syntax

```
{  
  "BenefitApplicationIdentifier": "string",  
  "Catalog": "string",  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

[BenefitApplicationIdentifier](#)

The unique identifier of the benefit application to associate the resource with.

Type: String

Pattern: (arn: .+|benappl-[0-9a-z]{14})

Required: Yes

[Catalog](#)

The catalog identifier that specifies which benefit catalog the application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

ResourceArn

The Amazon Resource Name (ARN) of the AWS resource to associate with the benefit application.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1600.

Pattern: `arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:`
`(\d{12})?:(.+)`

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Id": "string",
  "Revision": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the benefit application after the resource association.

Type: String

Id

The unique identifier of the benefit application after the resource association.

Type: String

Pattern: `benapp1-[0-9a-z]{14}`

Revision

The updated revision number of the benefit application after the resource association.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CancelBenefitApplication

Service: Partner Central Benefits API

Cancels a benefit application that is currently in progress, preventing further processing.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "Identifier": "string",  
  "Reason": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier that specifies which benefit catalog the application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier to ensure idempotent processing of the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Identifier

The unique identifier of the benefit application to cancel.

Type: String

Pattern: (arn:.*|benappl-[0-9a-z]{14})

Required: Yes

Reason

A descriptive reason explaining why the benefit application is being cancelled.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: [\\s\\S]{1,1000}

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateBenefitApplication

Service: Partner Central Benefits API

Creates a new benefit application for a partner to request access to AWS benefits and programs.

Request Syntax

```
{
  "AssociatedResources": [ "string" ],
  "BenefitApplicationDetails": JSON value,
  "BenefitIdentifier": "string",
  "Catalog": "string",
  "ClientToken": "string",
  "Description": "string",
  "FileDetails": [
    {
      "BusinessUseCase": "string",
      "FileURI": "string"
    }
  ],
  "FulfillmentTypes": [ "string" ],
  "Name": "string",
  "PartnerContacts": [
    {
      "BusinessTitle": "string",
      "Email": "string",
      "FirstName": "string",
      "LastName": "string",
      "Phone": "string"
    }
  ],
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

 Note

In the following list, the required parameters are described first.

BenefitIdentifier

The unique identifier of the benefit being requested in this application.

Type: String

Pattern: (arn: .+|ben-[0-9a-z]{14})

Required: Yes

Catalog

The catalog identifier that specifies which benefit catalog to create the application in.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

ClientToken

A unique, case-sensitive identifier to ensure idempotent processing of the creation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]{1,64}

Required: Yes

AssociatedResources

AWS resources that are associated with this benefit application.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Pattern: `arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+\d{1})?:`
`(\d{12})?:(.+)`

Required: No

BenefitApplicationDetails

Detailed information and requirements specific to the benefit being requested. To retrieve the detailed specifications for any benefit, make a `GetBenefit` API call using the benefit identifier.

Type: JSON value

Required: No

Description

A detailed description of the benefit application and its intended use.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

FileDetails

Supporting documents and files attached to the benefit application.

Type: Array of [FileInput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 30 items.

Required: No

FulfillmentTypes

The types of fulfillment requested for this benefit application (e.g., credits, access, disbursement).

Type: Array of strings

Valid Values: CREDITS | CASH | ACCESS

Required: No

Name

A human-readable name for the benefit application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

PartnerContacts

Contact information for partner representatives responsible for this benefit application.

Type: Array of [Contact](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

Tags

Key-value pairs to categorize and organize the benefit application.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "Arn": "string",
  "Id": "string",
  "Revision": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the newly created benefit application.

Type: String

Id

The unique identifier assigned to the newly created benefit application.

Type: String

Pattern: `benappl-[0-9a-z]{14}`

Revision

The initial revision number of the newly created benefit application.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateBenefitApplicationResource

Service: Partner Central Benefits API

Removes the association between an AWS resource and a benefit application.

Request Syntax

```
{  
  "BenefitApplicationIdentifier": "string",  
  "Catalog": "string",  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

[BenefitApplicationIdentifier](#)

The unique identifier of the benefit application to disassociate the resource from.

Type: String

Pattern: (arn: .+|benappl-[0-9a-z]{14})

Required: Yes

[Catalog](#)

The catalog identifier that specifies which benefit catalog the application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

ResourceArn

The Amazon Resource Name (ARN) of the AWS resource to disassociate from the benefit application.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1600.

Pattern: `arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+\d{1})?:`
`(\d{12})?:(.+)`

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "Id": "string",
  "Revision": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the benefit application after the resource disassociation.

Type: String

Id

The unique identifier of the benefit application after the resource disassociation.

Type: String

Pattern: `benapp1-[0-9a-z]{14}`

Revision

The updated revision number of the benefit application after the resource disassociation.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetBenefit

Service: Partner Central Benefits API

Retrieves detailed information about a specific benefit available in the partner catalog.

Request Syntax

```
{
  "Catalog": "string",
  "Identifier": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier that specifies which benefit catalog to query.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

Identifier

The unique identifier of the benefit to retrieve.

Type: String

Pattern: (arn: .+|ben-[0-9a-z]{14})

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "BenefitRequestSchema": JSON value,
  "Catalog": "string",
  "Description": "string",
  "FulfillmentTypes": [ "string" ],
  "Id": "string",
  "Name": "string",
  "Programs": [ "string" ],
  "Status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the benefit.

Type: String

BenefitRequestSchema

The schema definition that describes the required fields for requesting this benefit.

Type: JSON value

Catalog

The catalog identifier that the benefit belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Description

A detailed description of the benefit and its purpose.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

FulfillmentTypes

The available fulfillment types for this benefit (e.g., credits, access, disbursement).

Type: Array of strings

Valid Values: CREDITS | CASH | ACCESS

Id

The unique identifier of the benefit.

Type: String

Pattern: ben-[0-9a-z]{14}

Name

The human-readable name of the benefit.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Programs

The AWS partner programs that this benefit is associated with.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [A-Za-z0-9_-]+

Status

The current status of the benefit (e.g., active, inactive, deprecated).

Type: String

Valid Values: ACTIVE | INACTIVE

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetBenefitAllocation

Service: Partner Central Benefits API

Retrieves detailed information about a specific benefit allocation that has been granted to a partner.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier that specifies which benefit catalog to query.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

Identifier

The unique identifier of the benefit allocation to retrieve.

Type: String

Pattern: (arn:.*|benalloc-[0-9a-z]{14})

Required: Yes

Response Syntax

```
{
  "ApplicableBenefitIds": [ "string" ],
  "Arn": "string",
  "BenefitApplicationId": "string",
  "BenefitId": "string",
  "Catalog": "string",
  "CreatedAt": "string",
  "Description": "string",
  "ExpiresAt": "string",
  "FulfillmentDetail": { ... },
  "FulfillmentType": "string",
  "Id": "string",
  "Name": "string",
  "StartsAt": "string",
  "Status": "string",
  "StatusReason": "string",
  "UpdatedAt": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ApplicableBenefitIds

A list of benefit identifiers that this allocation can be applied to.

Type: Array of strings

Pattern: (arn: .+|ben-[0-9a-z]{14})

Arn

The Amazon Resource Name (ARN) of the benefit allocation.

Type: String

Pattern: (arn:..+benalloc-[0-9a-z]{14})

BenefitApplicationId

The identifier of the benefit application that resulted in this allocation.

Type: String

Pattern: benappl-[0-9a-z]{14}

BenefitId

The identifier of the benefit that this allocation is based on.

Type: String

Pattern: (arn:..+|ben-[0-9a-z]{14})

Catalog

The catalog identifier that the benefit allocation belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

CreatedAt

The timestamp when the benefit allocation was created.

Type: Timestamp

Description

A detailed description of the benefit allocation.

Type: String

ExpiresAt

The timestamp when the benefit allocation expires and is no longer usable.

Type: Timestamp

FulfillmentDetail

Detailed information about how the benefit allocation is fulfilled.

Type: [FulfillmentDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

[FulfillmentType](#)

The fulfillment type used for this benefit allocation.

Type: String

Valid Values: CREDITS | CASH | ACCESS

[Id](#)

The unique identifier of the benefit allocation.

Type: String

Pattern: benalloc-[0-9a-z]{14}

[Name](#)

The human-readable name of the benefit allocation.

Type: String

[StartsAt](#)

The timestamp when the benefit allocation becomes active and usable.

Type: Timestamp

[Status](#)

The current status of the benefit allocation (e.g., active, expired, consumed).

Type: String

Valid Values: ACTIVE | INACTIVE | FULFILLED

[StatusReason](#)

Additional information explaining the current status of the benefit allocation.

Type: String

[UpdatedAt](#)

The timestamp when the benefit allocation was last updated.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

InternalServerError

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetBenefitApplication

Service: Partner Central Benefits API

Retrieves detailed information about a specific benefit application.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier that specifies which benefit catalog to query.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

Identifier

The unique identifier of the benefit application to retrieve.

Type: String

Pattern: (arn: .+|benappl-[0-9a-z]{14})

Required: Yes

Response Syntax

```
{
  "Arn": "string",
  "AssociatedResources": [ "string" ],
  "BenefitApplicationDetails": JSON value,
  "BenefitId": "string",
  "Catalog": "string",
  "CreatedAt": "string",
  "Description": "string",
  "FileDetails": [
    {
      "BusinessUseCase": "string",
      "CreatedAt": "string",
      "CreatedBy": "string",
      "FileName": "string",
      "FileStatus": "string",
      "FileStatusReason": "string",
      "FileType": "string",
      "FileURI": "string"
    }
  ],
  "FulfillmentTypes": [ "string" ],
  "Id": "string",
  "Name": "string",
  "PartnerContacts": [
    {
      "BusinessTitle": "string",
      "Email": "string",
      "FirstName": "string",
      "LastName": "string",
      "Phone": "string"
    }
  ],
  "Programs": [ "string" ],
  "Revision": "string",
  "Stage": "string",
  "Status": "string",
  "StatusReason": "string",
  "StatusReasonCode": "string",
  "StatusReasonCodes": [ "string" ],
```

```
"UpdatedAt": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Arn

The Amazon Resource Name (ARN) of the benefit application.

Type: String

Pattern: `arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:`
`(\d{12})?:(.+)`

AssociatedResources

AWS resources that are associated with this benefit application.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Pattern: `arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:`
`(\d{12})?:(.+)`

BenefitApplicationDetails

Detailed information and requirements specific to the benefit being requested.

Type: JSON value

BenefitId

The identifier of the benefit being requested in this application.

Type: String

Pattern: `(arn:..+|ben-[0-9a-z]{14})`

Catalog

The catalog identifier that the benefit application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

CreatedAt

The timestamp when the benefit application was created.

Type: Timestamp

Description

A detailed description of the benefit application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

FileDetails

Supporting documents and files attached to the benefit application.

Type: Array of [FileDetail](#) objects

Array Members: Minimum number of 0 items. Maximum number of 30 items.

FulfillmentTypes

The fulfillment types requested for this benefit application.

Type: Array of strings

Valid Values: CREDITS | CASH | ACCESS

Id

The unique identifier of the benefit application.

Type: String

Pattern: benappl-[0-9a-z]{14}

Name

The human-readable name of the benefit application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

PartnerContacts

Contact information for partner representatives responsible for this benefit application.

Type: Array of [Contact](#) objects

Programs

The AWS partner programs associated with this benefit application.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [A-Za-z0-9_-]+

Revision

The current revision number of the benefit application.

Type: String

Stage

The current stage in the benefit application processing workflow.

Type: String

Status

The current processing status of the benefit application.

Type: String

Valid Values: PENDING_SUBMISSION | IN_REVIEW | ACTION_REQUIRED | APPROVED | REJECTED | CANCELED

StatusReason

Additional information explaining the current status of the benefit application.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

StatusReasonCode

This parameter has been deprecated.

A standardized code representing the reason for the current status.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

StatusReasonCodes

The list of standardized codes representing the reason for the current status.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

UpdatedAt

The timestamp when the benefit application was last updated.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListBenefitAllocations

Service: Partner Central Benefits API

Retrieves a paginated list of benefit allocations based on specified filter criteria.

Request Syntax

```
{  
  "BenefitApplicationIdentifiers": [ "string" ],  
  "BenefitIdentifiers": [ "string" ],  
  "Catalog": "string",  
  "FulfillmentTypes": [ "string" ],  
  "MaxResults": number,  
  "NextToken": "string",  
  "Status": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier to filter benefit allocations by catalog.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

BenefitApplicationIdentifiers

Filter benefit allocations by specific benefit application identifiers.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Pattern: (arn: .+ |benappl-[0-9a-z]{14})

Required: No

BenefitIdentifiers

Filter benefit allocations by specific benefit identifiers.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Pattern: (arn: .+ |ben-[0-9a-z]{14})

Required: No

FulfillmentTypes

Filter benefit allocations by specific fulfillment types.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: CREDITS | CASH | ACCESS

Required: No

MaxResults

The maximum number of benefit allocations to return in a single response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

A pagination token to retrieve the next set of results from a previous request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\s\S]*`

Required: No

Status

Filter benefit allocations by their current status.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Valid Values: ACTIVE | INACTIVE | FULFILLED

Required: No

Response Syntax

```
{
  "BenefitAllocationSummaries": [
    {
      "ApplicableBenefitIds": [ "string" ],
      "Arn": "string",
      "BenefitApplicationId": "string",
      "BenefitId": "string",
      "Catalog": "string",
      "CreatedAt": "string",
      "ExpiresAt": "string",
      "FulfillmentTypes": [ "string" ],
      "Id": "string",
      "Name": "string",
      "Status": "string",
      "StatusReason": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

BenefitAllocationSummaries

A list of benefit allocation summaries matching the specified criteria.

Type: Array of [BenefitAllocationSummary](#) objects

NextToken

A pagination token to retrieve the next set of results, if more results are available.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListBenefitApplications

Service: Partner Central Benefits API

Retrieves a paginated list of benefit applications based on specified filter criteria.

Request Syntax

```
{
  "AssociatedResourceArns": [ "string" ],
  "AssociatedResources": [
    {
      "ResourceArn": "string",
      "ResourceIdentifier": "string",
      "ResourceType": "string"
    }
  ],
  "BenefitIdentifiers": [ "string" ],
  "Catalog": "string",
  "FulfillmentTypes": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "Programs": [ "string" ],
  "Stages": [ "string" ],
  "Status": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier to filter benefit applications by catalog.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

AssociatedResourceArns

Filter benefit applications by specific AWS resource ARNs.

Type: Array of strings

Pattern: arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:
(\d{12})?:(.+)

Required: No

AssociatedResources

This parameter has been deprecated.

Filter benefit applications by associated AWS resources.

Type: Array of [AssociatedResource](#) objects

Required: No

BenefitIdentifiers

Filter benefit applications by specific benefit identifiers.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Pattern: (arn:.[a-z0-9-]{14})

Required: No

FulfillmentTypes

Filter benefit applications by specific fulfillment types.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: CREDITS | CASH | ACCESS

Required: No

MaxResults

The maximum number of benefit applications to return in a single response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

A pagination token to retrieve the next set of results from a previous request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\s\S]*`

Required: No

Programs

Filter benefit applications by specific AWS partner programs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[A-Za-z0-9_-]+`

Required: No

Stages

Filter benefit applications by their current processing stage.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

Status

Filter benefit applications by their current processing status.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Valid Values: PENDING_SUBMISSION | IN_REVIEW | ACTION_REQUIRED | APPROVED | REJECTED | CANCELED

Required: No

Response Syntax

```
{
  "BenefitApplicationSummaries": [
    {
      "Arn": "string",
      "AssociatedResources": [ "string" ],
      "BenefitApplicationDetails": {
        "string" : "string"
      },
      "BenefitId": "string",
      "Catalog": "string",
      "CreatedAt": "string",
      "FulfillmentTypes": [ "string" ],
      "Id": "string",
      "Name": "string",
      "Programs": [ "string" ],
      "Stage": "string",
      "Status": "string",
      "UpdatedAt": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

BenefitApplicationSummaries

A list of benefit application summaries matching the specified criteria.

Type: Array of [BenefitApplicationSummary](#) objects

NextToken

A pagination token to retrieve the next set of results, if more results are available.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListBenefits

Service: Partner Central Benefits API

Retrieves a paginated list of available benefits based on specified filter criteria.

Request Syntax

```
{  
  "Catalog": "string",  
  "FulfillmentTypes": [ "string" ],  
  "MaxResults": number,  
  "NextToken": "string",  
  "Programs": [ "string" ],  
  "Status": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier to filter benefits by catalog.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

FulfillmentTypes

Filter benefits by specific fulfillment types.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: CREDITS | CASH | ACCESS

Required: No

MaxResults

The maximum number of benefits to return in a single response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

A pagination token to retrieve the next set of results from a previous request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: [`\s\S`]*

Required: No

Programs

Filter benefits by specific AWS partner programs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [`A-Za-z0-9_-`]+

Required: No

Status

Filter benefits by their current status.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: ACTIVE | INACTIVE

Required: No

Response Syntax

```
{
  "BenefitSummaries": [
    {
      "Arn": "string",
      "Catalog": "string",
      "Description": "string",
      "FulfillmentTypes": [ "string" ],
      "Id": "string",
      "Name": "string",
      "Programs": [ "string" ],
      "Status": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

BenefitSummaries

A list of benefit summaries matching the specified criteria.

Type: Array of [BenefitSummary](#) objects

NextToken

A pagination token to retrieve the next set of results, if more results are available.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Service: Partner Central Benefits API

Retrieves all tags associated with a specific resource.

Request Syntax

```
{
  "resourceArn": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

resourceArn

The Amazon Resource Name (ARN) of the resource to list tags for.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `arn:[\w+=/, .@-]+:partnercentral:[\w+=/, .@-]*:[0-9]{12}:catalog/([a-zA-Z]+)/[\w+=/, .@-]+(/[ \w+=/, .@- ]+)*`

Required: Yes

Response Syntax

```
{
  "tags": [
    {
      "Key": "string",
```

```
    "Value": "string"  
  }  
]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

tags

A list of key-value pairs representing the tags associated with the resource.

Type: Array of [Tag](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

InternalServerError

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RecallBenefitApplication

Service: Partner Central Benefits API

Recalls a submitted benefit application, returning it to draft status for further modifications.

Request Syntax

```
{  
  "Catalog": "string",  
  "ClientToken": "string",  
  "Identifier": "string",  
  "Reason": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier that specifies which benefit catalog the application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

Identifier

The unique identifier of the benefit application to recall.

Type: String

Pattern: (arn: .+|benappl-[0-9a-z]{14})

Required: Yes

Reason

A descriptive reason explaining why the benefit application is being recalled.

Type: String

Required: Yes

ClientToken

A unique, case-sensitive identifier to ensure idempotent processing of the recall request.

Type: String

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SubmitBenefitApplication

Service: Partner Central Benefits API

Submits a benefit application for review and processing by AWS.

Request Syntax

```
{  
  "Catalog": "string",  
  "Identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier that specifies which benefit catalog the application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: Yes

Identifier

The unique identifier of the benefit application to submit.

Type: String

Pattern: (arn: .+|benappl-[0-9a-z]{14})

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Service: Partner Central Benefits API

Adds or updates tags for a specified resource.

Request Syntax

```
{
  "resourceArn": "string",
  "tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

resourceArn

The Amazon Resource Name (ARN) of the resource to add tags to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `arn:[\w+=/, .@-]+:partnercentral:[\w+=/, .@-]*:[0-9]{12}:catalog/([a-zA-Z]+)/[\w+=/, .@-]+(/[ \w+=/, .@-]+)*`

Required: Yes

tags

A list of key-value pairs to add as tags to the resource.

Type: Array of [Tag](#) objects

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ServiceQuotaExceededException

Thrown when the request would exceed the service quotas or limits for the account.

Message

A message describing the service quota exceeded error.

QuotaCode

The code identifying the specific quota that would be exceeded.

ResourceId

The identifier of the resource that would exceed the quota.

ResourceType

The type of the resource that would exceed the quota.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Service: Partner Central Benefits API

Removes specified tags from a resource.

Request Syntax

```
{  
  "resourceArn": "string",  
  "tagKeys": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

resourceArn

The Amazon Resource Name (ARN) of the resource to remove tags from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `arn:[\w+=/, .@-]+:partnercentral:[\w+=/, .@-]*:[0-9]{12}:catalog/([a-zA-Z]+)/[\w+=/, .@-]+(/[\w+=/, .@-]+)*`

Required: Yes

tagKeys

A list of tag keys to remove from the resource.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: (`[\p{L}\p{Z}\p{N}_.: /+=\ -@]*`)

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerError

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ServiceQuotaExceededException

Thrown when the request would exceed the service quotas or limits for the account.

Message

A message describing the service quota exceeded error.

QuotaCode

The code identifying the specific quota that would be exceeded.

ResourceId

The identifier of the resource that would exceed the quota.

ResourceType

The type of the resource that would exceed the quota.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateBenefitApplication

Service: Partner Central Benefits API

Updates an existing benefit application with new information while maintaining revision control.

Request Syntax

```
{
  "BenefitApplicationDetails": JSON value,
  "Catalog": "string",
  "ClientToken": "string",
  "Description": "string",
  "FileDetails": [
    {
      "BusinessUseCase": "string",
      "FileURI": "string"
    }
  ],
  "Identifier": "string",
  "Name": "string",
  "PartnerContacts": [
    {
      "BusinessTitle": "string",
      "Email": "string",
      "FirstName": "string",
      "LastName": "string",
      "Phone": "string"
    }
  ],
  "Revision": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

Catalog

The catalog identifier that specifies which benefit catalog the application belongs to.

Type: String

Pattern: `[A-Za-z0-9_-]+`

Required: Yes

ClientToken

A unique, case-sensitive identifier to ensure idempotent processing of the update request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]{1,64}`

Required: Yes

Identifier

The unique identifier of the benefit application to update.

Type: String

Pattern: `(arn:.*|benappl-[0-9a-z]{14})`

Required: Yes

Revision

The current revision number of the benefit application to ensure optimistic concurrency control.

Type: String

Required: Yes

BenefitApplicationDetails

Updated detailed information and requirements specific to the benefit being requested.

Type: JSON value

Required: No

Description

The updated detailed description of the benefit application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

FileDetails

Updated supporting documents and files attached to the benefit application.

Type: Array of [FileInput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 30 items.

Required: No

Name

The updated human-readable name for the benefit application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

PartnerContacts

Updated contact information for partner representatives responsible for this benefit application.

Type: Array of [Contact](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

Response Syntax

```
{  
  "Arn": "string",
```

```
"Id": "string",  
"Revision": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[Arn](#)

The Amazon Resource Name (ARN) of the updated benefit application.

Type: String

[Id](#)

The unique identifier of the updated benefit application.

Type: String

Pattern: benappl-[0-9a-z]{14}

[Revision](#)

The new revision number of the benefit application after the update.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

Thrown when the caller does not have sufficient permissions to perform the requested operation.

Message

A message describing the access denial.

HTTP Status Code: 400

ConflictException

Thrown when the request conflicts with the current state of the resource, such as attempting to modify a resource that has been changed by another process.

Message

A message describing the conflict.

HTTP Status Code: 400

InternalServerErrorException

Thrown when an unexpected error occurs on the server side during request processing.

Message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

Thrown when the requested resource cannot be found or does not exist.

Message

A message describing the resource not found error.

HTTP Status Code: 400

ThrottlingException

Thrown when the request rate exceeds the allowed limits and the request is being throttled.

Message

A message describing the throttling error.

HTTP Status Code: 400

ValidationException

Thrown when the request contains invalid parameters or fails input validation requirements.

FieldList

A list of fields that failed validation.

Message

A message describing the validation error.

Reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Partner Central Channel API

The following actions are supported by Partner Central Channel API:

- [AcceptChannelHandshake](#)
- [CancelChannelHandshake](#)
- [CreateChannelHandshake](#)
- [CreateProgramManagementAccount](#)
- [CreateRelationship](#)
- [DeleteProgramManagementAccount](#)

- [DeleteRelationship](#)
- [GetRelationship](#)
- [ListChannelHandshakes](#)
- [ListProgramManagementAccounts](#)
- [ListRelationships](#)
- [ListTagsForResource](#)
- [RejectChannelHandshake](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateProgramManagementAccount](#)
- [UpdateRelationship](#)

AcceptChannelHandshake

Service: Partner Central Channel API

Accepts a pending channel handshake request from another AWS account.

Request Syntax

```
{  
  "catalog": "string",  
  "identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the handshake request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the channel handshake to accept.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/channel-handshake/)?ch-[a-z0-9]{13}

Required: Yes

Response Syntax

```
{
  "channelHandshakeDetail": {
    "arn": "string",
    "id": "string",
    "status": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

channelHandshakeDetail

Details of the accepted channel handshake.

Type: [AcceptChannelHandshakeDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CancelChannelHandshake

Service: Partner Central Channel API

Cancels a pending channel handshake request.

Request Syntax

```
{  
  "catalog": "string",  
  "identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the handshake request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the channel handshake to cancel.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/channel-handshake/)?ch-[a-z0-9]{13}

Required: Yes

Response Syntax

```
{
  "channelHandshakeDetail": {
    "arn": "string",
    "id": "string",
    "status": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

channelHandshakeDetail

Details of the canceled channel handshake.

Type: [CancelChannelHandshakeDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateChannelHandshake

Service: Partner Central Channel API

Creates a new channel handshake request to establish a partnership with another AWS account.

Request Syntax

```
{
  "associatedResourceIdentifier": "string",
  "catalog": "string",
  "clientToken": "string",
  "handshakeType": "string",
  "payload": { ... },
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

associatedResourceIdentifier

The identifier of the resource associated with this handshake.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: ((arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/pma-[a-z0-9]{13}(/relationship/rs-[a-z0-9]{13})?)|(pma|rs)-[a-z0-9]{13})

Required: Yes

catalog

The catalog identifier for the handshake request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

handshakeType

The type of handshake to create (e.g., start service period, revoke service period).

Type: String

Valid Values: START_SERVICE_PERIOD | REVOKE_SERVICE_PERIOD | PROGRAM_MANAGEMENT_ACCOUNT

Required: Yes

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]*

Required: No

payload

The payload containing specific details for the handshake type.

Type: [ChannelHandshakePayload](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

[tags](#)

Key-value pairs to associate with the channel handshake.

Type: Array of [Tag](#) objects

Required: No

Response Syntax

```
{
  "channelHandshakeDetail": {
    "arn": "string",
    "id": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[channelHandshakeDetail](#)

Details of the created channel handshake.

Type: [CreateChannelHandshakeDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would exceed a service quota limit.

message

A message describing the service quota exceeded error.

quotaCode

The code identifying the specific quota that would be exceeded.

resourceId

The identifier of the resource that would exceed the quota.

resourceType

The type of the resource that would exceed the quota.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateProgramManagementAccount

Service: Partner Central Channel API

Creates a new program management account for managing partner relationships.

Request Syntax

```
{
  "accountId": "string",
  "catalog": "string",
  "clientToken": "string",
  "displayName": "string",
  "program": "string",
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

accountId

The AWS account ID to associate with the program management account.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: Yes

catalog

The catalog identifier for the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

displayName

A human-readable name for the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [^\x00-\x1F\x7F]*

Required: Yes

program

The program type for the management account.

Type: String

Valid Values: SOLUTION_PROVIDER | DISTRIBUTION | DISTRIBUTION_SELLER

Required: Yes

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]*

Required: No

tags

Key-value pairs to associate with the program management account.

Type: Array of [Tag](#) objects

Required: No

Response Syntax

```
{
  "programManagementAccountDetail": {
    "arn": "string",
    "id": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

programManagementAccountDetail

Details of the created program management account.

Type: [CreateProgramManagementAccountDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would exceed a service quota limit.

message

A message describing the service quota exceeded error.

quotaCode

The code identifying the specific quota that would be exceeded.

resourceId

The identifier of the resource that would exceed the quota.

resourceType

The type of the resource that would exceed the quota.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateRelationship

Service: Partner Central Channel API

Creates a new partner relationship between accounts.

Request Syntax

```
{
  "associatedAccountId": "string",
  "associationType": "string",
  "catalog": "string",
  "clientToken": "string",
  "displayName": "string",
  "programManagementAccountIdentifier": "string",
  "requestedSupportPlan": { ... },
  "resaleAccountModel": "string",
  "sector": "string",
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

associatedAccountId

The AWS account ID to associate in this relationship.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]*`

Required: Yes

associationType

The type of association for the relationship (e.g., reseller, distributor).

Type: String

Valid Values: `DOWNSTREAM_SELLER` | `END_CUSTOMER` | `INTERNAL`

Required: Yes

catalog

The catalog identifier for the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z]*`

Required: Yes

displayName

A human-readable name for the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[\x00-\x1F\x7F]*`

Required: Yes

programManagementAccountIdentifier

The identifier of the program management account for this relationship.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}

Required: Yes

sector

The business sector for the relationship.

Type: String

Valid Values: COMMERCIAL | GOVERNMENT | GOVERNMENT_EXCEPTION

Required: Yes

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]*

Required: No

requestedSupportPlan

The support plan requested for this relationship.

Type: [SupportPlan](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

resaleAccountModel

The resale account model for the relationship.

Type: String

Valid Values: DISTRIBUTOR | END_CUSTOMER | SOLUTION_PROVIDER

Required: No

tags

Key-value pairs to associate with the relationship.

Type: Array of [Tag](#) objects

Required: No

Response Syntax

```
{
  "relationshipDetail": {
    "arn": "string",
    "id": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

relationshipDetail

Details of the created relationship.

Type: [CreateRelationshipDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would exceed a service quota limit.

message

A message describing the service quota exceeded error.

quotaCode

The code identifying the specific quota that would be exceeded.

resourceId

The identifier of the resource that would exceed the quota.

resourceType

The type of the resource that would exceed the quota.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteProgramManagementAccount

Service: Partner Central Channel API

Deletes a program management account.

Request Syntax

```
{  
  "catalog": "string",  
  "clientToken": "string",  
  "identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the program management account to delete.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}

Required: Yes

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]*

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
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- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

DeleteRelationship

Service: Partner Central Channel API

Deletes a partner relationship.

Request Syntax

```
{  
  "catalog": "string",  
  "clientToken": "string",  
  "identifier": "string",  
  "programManagementAccountIdentifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the relationship to delete.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/pma-[a-z0-9]{13}/relationship/)?rs-[a-z0-9]{13}

Required: Yes

programManagementAccountIdentifier

The identifier of the program management account associated with the relationship.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}

Required: Yes

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]*

Required: No

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetRelationship

Service: Partner Central Channel API

Retrieves details of a specific partner relationship.

Request Syntax

```
{
  "catalog": "string",
  "identifier": "string",
  "programManagementAccountIdentifier": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the relationship to retrieve.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/pma-[a-z0-9]{13}/relationship/)?rs-[a-z0-9]{13}

Required: Yes

programManagementAccountIdIdentifier

The identifier of the program management account associated with the relationship.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}

Required: Yes

Response Syntax

```
{
  "relationshipDetail": {
    "arn": "string",
    "associatedAccountId": "string",
    "associationType": "string",
    "catalog": "string",
    "createdAt": "string",
    "displayName": "string",
    "id": "string",
    "programManagementAccountId": "string",
    "resaleAccountModel": "string",
    "revision": "string",
    "sector": "string",
    "startDate": "string",
    "updatedAt": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

relationshipDetail

Details of the requested relationship.

Type: [RelationshipDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
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- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListChannelHandshakes

Service: Partner Central Channel API

Lists channel handshakes based on specified criteria.

Request Syntax

```
{  
  "associatedResourceIdentifiers": [ "string" ],  
  "catalog": "string",  
  "handshakeType": "string",  
  "handshakeTypeFilters": { ... },  
  "handshakeTypeSort": { ... },  
  "maxResults": number,  
  "nextToken": "string",  
  "participantType": "string",  
  "statuses": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier to filter handshakes.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

handshakeType

Filter results by handshake type.

Type: String

Valid Values: START_SERVICE_PERIOD | REVOKE_SERVICE_PERIOD | PROGRAM_MANAGEMENT_ACCOUNT

Required: Yes

participantType

Filter by participant type (sender or receiver).

Type: String

Valid Values: SENDER | RECEIVER

Required: Yes

associatedResourceIdentifiers

Filter by associated resource identifiers.

Type: Array of strings

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: ((arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/pma-[a-z0-9]{13}(/relationship/rs-[a-z0-9]{13})?)|(pma|rs)-[a-z0-9]{13})

Required: No

handshakeTypeFilters

Type-specific filters for handshakes.

Type: [ListChannelHandshakesTypeFilters](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

handshakeTypeSort

Type-specific sorting options for handshakes.

Type: [ListChannelHandshakesTypeSort](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

Token for retrieving the next page of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[^\x00-\x1F\x7F\x20]*`

Required: No

statuses

Filter results by handshake status.

Type: Array of strings

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

Required: No

Response Syntax

```
{  
  "items": [  
    ...  
  ]  
}
```

```
{
  "arn": "string",
  "associatedResourceId": "string",
  "catalog": "string",
  "createdAt": "string",
  "detail": { ... },
  "handshakeType": "string",
  "id": "string",
  "ownerAccountId": "string",
  "receiverAccountId": "string",
  "senderAccountId": "string",
  "senderDisplayName": "string",
  "status": "string",
  "updatedAt": "string"
},
"nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

List of channel handshakes matching the criteria.

Type: Array of [ChannelHandshakeSummary](#) objects

nextToken

Token for retrieving the next page of results, if available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[^\x00-\x1F\x7F\x20]*`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListProgramManagementAccounts

Service: Partner Central Channel API

Lists program management accounts based on specified criteria.

Request Syntax

```
{
  "accountIds": [ "string" ],
  "catalog": "string",
  "displayNames": [ "string" ],
  "maxResults": number,
  "nextToken": "string",
  "programs": [ "string" ],
  "sort": {
    "sortBy": "string",
    "sortOrder": "string"
  },
  "statuses": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier to filter accounts.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

accountIds

Filter by AWS account IDs.

Type: Array of strings

Length Constraints: Fixed length of 12.

Pattern: `[0-9]*`

Required: No

displayNames

Filter by display names.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[\x00-\x1F\x7F]*`

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

Token for retrieving the next page of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[\x00-\x1F\x7F\x20]*`

Required: No

programs

Filter by program types.

Type: Array of strings

Valid Values: SOLUTION_PROVIDER | DISTRIBUTION | DISTRIBUTION_SELLER

Required: No

sort

Sorting options for the results.

Type: [ListProgramManagementAccountsSortBase](#) object

Required: No

statuses

Filter by program management account statuses.

Type: Array of strings

Valid Values: PENDING | ACTIVE | INACTIVE

Required: No

Response Syntax

```
{
  "items": [
    {
      "accountId": "string",
      "arn": "string",
      "catalog": "string",
      "createdAt": "string",
      "displayName": "string",
      "id": "string",
      "program": "string",
      "revision": "string",
      "startDate": "string",
      "status": "string",
      "updatedAt": "string"
    }
  ]
}
```

```
    }  
  ],  
  "nextToken": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

List of program management accounts matching the criteria.

Type: Array of [ProgramManagementAccountSummary](#) objects

nextToken

Token for retrieving the next page of results, if available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[^\x00-\x1F\x7F\x20]*`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListRelationships

Service: Partner Central Channel API

Lists partner relationships based on specified criteria.

Request Syntax

```
{
  "associatedAccountIds": [ "string" ],
  "associationTypes": [ "string" ],
  "catalog": "string",
  "displayNames": [ "string" ],
  "maxResults": number,
  "nextToken": "string",
  "programManagementAccountIdentifiers": [ "string" ],
  "sort": {
    "sortBy": "string",
    "sortOrder": "string"
  }
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier to filter relationships.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

associatedAccountIds

Filter by associated AWS account IDs.

Type: Array of strings

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

associationTypes

Filter by association types.

Type: Array of strings

Valid Values: DOWNSTREAM_SELLER | END_CUSTOMER | INTERNAL

Required: No

displayNames

Filter by display names.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [^\x00-\x1F\x7F]*

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

Token for retrieving the next page of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[^\x00-\x1F\x7F\x20]*`

Required: No

programManagementAccountIdentifiers

Filter by program management account identifiers.

Type: Array of strings

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: `(arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}`

Required: No

sort

Sorting options for the results.

Type: [ListRelationshipsSortBase](#) object

Required: No

Response Syntax

```
{
  "items": [
    {
      "arn": "string",
      "associatedAccountId": "string",
      "associationType": "string",
      "catalog": "string",
      "createdAt": "string",
      "displayName": "string",
```

```
    "id": "string",
    "programManagementAccountId": "string",
    "revision": "string",
    "sector": "string",
    "startDate": "string",
    "updatedAt": "string"
  }
],
"nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

List of relationships matching the criteria.

Type: Array of [RelationshipSummary](#) objects

nextToken

Token for retrieving the next page of results, if available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[^\x00-\x1F\x7F\x20]*`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Service: Partner Central Channel API

Lists tags associated with a specific resource.

Request Syntax

```
{  
  "resourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

resourceArn

The Amazon Resource Name (ARN) of the resource to list tags for.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/(program-management-account/pma-[a-z0-9]{13})(/relationship/rs-[a-z0-9]{13})?|channel-handshake/ch-[a-z0-9]{13})`

Required: Yes

Response Syntax

```
{  
  "tags": [  
    {  
      "key": "string",  
      "value": "string"  
    }  
  ]  
}
```

```
{
  "key": "string",
  "value": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

tags

Key-value pairs associated with the resource.

Type: Array of [Tag](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RejectChannelHandshake

Service: Partner Central Channel API

Rejects a pending channel handshake request.

Request Syntax

```
{  
  "catalog": "string",  
  "identifier": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the handshake request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the channel handshake to reject.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/channel-handshake/)?ch-[a-z0-9]{13}

Required: Yes

Response Syntax

```
{
  "channelHandshakeDetail": {
    "arn": "string",
    "id": "string",
    "status": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

channelHandshakeDetail

Details of the rejected channel handshake.

Type: [RejectChannelHandshakeDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Service: Partner Central Channel API

Adds or updates tags for a specified resource.

Request Syntax

```
{
  "resourceArn": "string",
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

resourceArn

The Amazon Resource Name (ARN) of the resource to tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/(program-management-account/pma-[a-z0-9]{13}(/relationship/rs-[a-z0-9]{13})?)|channel-handshake/ch-[a-z0-9]{13})`

Required: Yes

tags

Key-value pairs to associate with the resource.

Type: Array of [Tag](#) objects

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Service: Partner Central Channel API

Removes tags from a specified resource.

Request Syntax

```
{  
  "resourceArn": "string",  
  "tagKeys": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

resourceArn

The Amazon Resource Name (ARN) of the resource to remove tags from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/(program-management-account/pma-[a-z0-9]{13})(/relationship/rs-[a-z0-9]{13})?|channel-handshake/ch-[a-z0-9]{13})`

Required: Yes

tagKeys

The keys of the tags to remove from the resource.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: ([\p{L}\p{Z}\p{N}_.: /+=\ -@]*)

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateProgramManagementAccount

Service: Partner Central Channel API

Updates the properties of a program management account.

Request Syntax

```
{  
  "catalog": "string",  
  "displayName": "string",  
  "identifier": "string",  
  "revision": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the program management account to update.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}

Required: Yes

displayName

The new display name for the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [^\x00-\x1F\x7F]*

Required: No

revision

The current revision number of the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

Response Syntax

```
{
  "programManagementAccountDetail": {
    "arn": "string",
    "displayName": "string",
    "id": "string",
    "revision": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[programManagementAccountDetail](#)

Details of the updated program management account.

Type: [UpdateProgramManagementAccountDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerErrorException

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateRelationship

Service: Partner Central Channel API

Updates the properties of a partner relationship.

Request Syntax

```
{  
  "catalog": "string",  
  "displayName": "string",  
  "identifier": "string",  
  "programManagementAccountIdentifier": "string",  
  "requestedSupportPlan": { ... },  
  "revision": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Note

In the following list, the required parameters are described first.

catalog

The catalog identifier for the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: Yes

identifier

The unique identifier of the relationship to update.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/pma-[a-z0-9]{13}/relationship/)?rs-[a-z0-9]{13}

Required: Yes

programManagementAccountIdentifier

The identifier of the program management account associated with the relationship.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: (arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}

Required: Yes

displayName

The new display name for the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [^\x00-\x1F\x7F]*

Required: No

requestedSupportPlan

The updated support plan for the relationship.

Type: [SupportPlan](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

revision

The current revision number of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

Response Syntax

```
{
  "relationshipDetail": {
    "arn": "string",
    "displayName": "string",
    "id": "string",
    "revision": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

relationshipDetail

Details of the updated relationship.

Type: [UpdateRelationshipDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied due to insufficient permissions.

message

A message describing the access denial.

reason

The reason for the access denial.

HTTP Status Code: 400

ConflictException

The request could not be completed due to a conflict with the current state of the resource.

message

A message describing the conflict.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 400

InternalServerError

An internal server error occurred while processing the request.

message

A message describing the internal server error.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource was not found.

message

A message describing the resource not found error.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 400

ThrottlingException

The request was throttled due to too many requests being sent in a short period.

message

A message describing the throttling error.

quotaCode

The quota code associated with the throttling error.

serviceCode

The service code associated with the throttling error.

HTTP Status Code: 400

ValidationException

The request failed validation due to invalid input parameters.

fieldList

A list of fields that failed validation.

message

A message describing the validation error.

reason

The reason for the validation failure.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The following data types are supported by Partner Central Selling API:

- [Account](#)
- [AccountReceiver](#)
- [AccountSummary](#)
- [Address](#)
- [AddressSummary](#)
- [AssigneeContact](#)
- [AwsOpportunityCustomer](#)
- [AwsOpportunityInsights](#)
- [AwsOpportunityLifeCycle](#)
- [AwsOpportunityProject](#)
- [AwsOpportunityRelatedEntities](#)
- [AwsOpportunitySummaryFullView](#)
- [AwsProductDetails](#)
- [AwsProductInsights](#)
- [AwsProductOptimization](#)
- [AwsProductsSpendInsightsBySource](#)
- [AwsSubmission](#)
- [AwsTeamMember](#)
- [Contact](#)
- [CreatedDateFilter](#)
- [Customer](#)
- [CustomerProjectsContext](#)
- [CustomerSummary](#)
- [EngagementContextDetails](#)
- [EngagementContextPayload](#)
- [EngagementCustomer](#)
- [EngagementCustomerProjectDetails](#)

- [EngagementInvitationSummary](#)
- [EngagementMember](#)
- [EngagementMemberSummary](#)
- [EngagementResourceAssociationSummary](#)
- [EngagementSort](#)
- [EngagementSummary](#)
- [ExpectedContractDuration](#)
- [ExpectedCustomerSpend](#)
- [Invitation](#)
- [LastModifiedDate](#)
- [LeadContact](#)
- [LeadContext](#)
- [LeadCustomer](#)
- [LeadInteraction](#)
- [LeadInvitationCustomer](#)
- [LeadInvitationInteraction](#)
- [LeadInvitationPayload](#)
- [LifeCycle](#)
- [LifeCycleForView](#)
- [LifeCycleSummary](#)
- [ListEngagementByAcceptingInvitationTaskSummary](#)
- [ListEngagementFromOpportunityTaskSummary](#)
- [ListOpportunityFromEngagementTaskSummary](#)
- [ListTasksSortBase](#)
- [Marketing](#)
- [MonetaryValue](#)
- [NextStepsHistory](#)
- [OpportunityEngagementInvitationSort](#)
- [OpportunityInvitationPayload](#)
- [OpportunitySort](#)

- [OpportunitySummary](#)
- [OpportunitySummaryView](#)
- [Payload](#)
- [ProfileNextStepsHistory](#)
- [Project](#)
- [ProjectDetails](#)
- [ProjectSummary](#)
- [ProjectView](#)
- [Receiver](#)
- [RelatedEntityIdentifiers](#)
- [ResourceSnapshotJobSummary](#)
- [ResourceSnapshotPayload](#)
- [ResourceSnapshotSummary](#)
- [SenderContact](#)
- [SoftwareRevenue](#)
- [SolutionBase](#)
- [SolutionSort](#)
- [SortObject](#)
- [Tag](#)
- [TargetCloseDateFilter](#)
- [UpdateEngagementContextPayload](#)
- [UpdateLeadContext](#)
- [ValidationExceptionError](#)

The following data types are supported by Partner Central Account API:

- [AccountSummary](#)
- [AllianceLeadContact](#)
- [BusinessValidationError](#)
- [BusinessVerificationDetails](#)
- [BusinessVerificationResponse](#)

- [Connection](#)
- [ConnectionInvitationSummary](#)
- [ConnectionSummary](#)
- [ConnectionTypeDetail](#)
- [ConnectionTypeSummary](#)
- [ErrorDetail](#)
- [FieldValidationError](#)
- [LocalizedContent](#)
- [Participant](#)
- [PartnerDomain](#)
- [PartnerProfile](#)
- [PartnerProfileSummary](#)
- [PartnerSummary](#)
- [RegistrantVerificationDetails](#)
- [RegistrantVerificationResponse](#)
- [SellerProfileSummary](#)
- [Tag](#)
- [TaskDetails](#)
- [ValidationError](#)
- [VerificationDetails](#)
- [VerificationResponseDetails](#)

The following data types are supported by Partner Central Benefits API:

- [AccessDetails](#)
- [Amendment](#)
- [AssociatedResource](#)
- [BenefitAllocationSummary](#)
- [BenefitApplicationSummary](#)
- [BenefitSummary](#)
- [ConsumableDetails](#)

- [Contact](#)
- [CreditCode](#)
- [CreditDetails](#)
- [DisbursementDetails](#)
- [FileDetail](#)
- [FileInput](#)
- [FulfillmentDetails](#)
- [IssuanceDetail](#)
- [MonetaryValue](#)
- [Tag](#)
- [ValidationExceptionField](#)

The following data types are supported by Partner Central Channel API:

- [AcceptChannelHandshakeDetail](#)
- [CancelChannelHandshakeDetail](#)
- [ChannelHandshakePayload](#)
- [ChannelHandshakeSummary](#)
- [CreateChannelHandshakeDetail](#)
- [CreateProgramManagementAccountDetail](#)
- [CreateRelationshipDetail](#)
- [HandshakeDetail](#)
- [ListChannelHandshakesTypeFilters](#)
- [ListChannelHandshakesTypeSort](#)
- [ListProgramManagementAccountsSortBase](#)
- [ListRelationshipsSortBase](#)
- [PartnerLedSupport](#)
- [ProgramManagementAccountHandshakeDetail](#)
- [ProgramManagementAccountSummary](#)
- [ProgramManagementAccountTypeFilters](#)
- [ProgramManagementAccountTypeSort](#)

- [RejectChannelHandshakeDetail](#)
- [RelationshipDetail](#)
- [RelationshipSummary](#)
- [ResoldEnterprise](#)
- [ResoldUnifiedOperations](#)
- [RevokeServicePeriodHandshakeDetail](#)
- [RevokeServicePeriodPayload](#)
- [RevokeServicePeriodTypeFilters](#)
- [RevokeServicePeriodTypeSort](#)
- [StartServicePeriodHandshakeDetail](#)
- [StartServicePeriodPayload](#)
- [StartServicePeriodTypeFilters](#)
- [StartServicePeriodTypeSort](#)
- [SupportPlan](#)
- [Tag](#)
- [UpdateProgramManagementAccountDetail](#)
- [UpdateRelationshipDetail](#)
- [ValidationExceptionField](#)

Partner Central Selling API

The following data types are supported by Partner Central Selling API:

- [Account](#)
- [AccountReceiver](#)
- [AccountSummary](#)
- [Address](#)
- [AddressSummary](#)
- [AssigneeContact](#)
- [AwsOpportunityCustomer](#)
- [AwsOpportunityInsights](#)

- [AwsOpportunityLifeCycle](#)
- [AwsOpportunityProject](#)
- [AwsOpportunityRelatedEntities](#)
- [AwsOpportunitySummaryFullView](#)
- [AwsProductDetails](#)
- [AwsProductInsights](#)
- [AwsProductOptimization](#)
- [AwsProductsSpendInsightsBySource](#)
- [AwsSubmission](#)
- [AwsTeamMember](#)
- [Contact](#)
- [CreatedDateFilter](#)
- [Customer](#)
- [CustomerProjectsContext](#)
- [CustomerSummary](#)
- [EngagementContextDetails](#)
- [EngagementContextPayload](#)
- [EngagementCustomer](#)
- [EngagementCustomerProjectDetails](#)
- [EngagementInvitationSummary](#)
- [EngagementMember](#)
- [EngagementMemberSummary](#)
- [EngagementResourceAssociationSummary](#)
- [EngagementSort](#)
- [EngagementSummary](#)
- [ExpectedContractDuration](#)
- [ExpectedCustomerSpend](#)
- [Invitation](#)
- [LastModifiedDate](#)
- [LeadContact](#)

- [LeadContext](#)
- [LeadCustomer](#)
- [LeadInteraction](#)
- [LeadInvitationCustomer](#)
- [LeadInvitationInteraction](#)
- [LeadInvitationPayload](#)
- [LifeCycle](#)
- [LifeCycleForView](#)
- [LifeCycleSummary](#)
- [ListEngagementByAcceptingInvitationTaskSummary](#)
- [ListEngagementFromOpportunityTaskSummary](#)
- [ListOpportunityFromEngagementTaskSummary](#)
- [ListTasksSortBase](#)
- [Marketing](#)
- [MonetaryValue](#)
- [NextStepsHistory](#)
- [OpportunityEngagementInvitationSort](#)
- [OpportunityInvitationPayload](#)
- [OpportunitySort](#)
- [OpportunitySummary](#)
- [OpportunitySummaryView](#)
- [Payload](#)
- [ProfileNextStepsHistory](#)
- [Project](#)
- [ProjectDetails](#)
- [ProjectSummary](#)
- [ProjectView](#)
- [Receiver](#)
- [RelatedEntityIdentifiers](#)
- [ResourceSnapshotJobSummary](#)

- [ResourceSnapshotPayload](#)
- [ResourceSnapshotSummary](#)
- [SenderContact](#)
- [SoftwareRevenue](#)
- [SolutionBase](#)
- [SolutionSort](#)
- [SortObject](#)
- [Tag](#)
- [TargetCloseDateFilter](#)
- [UpdateEngagementContextPayload](#)
- [UpdateLeadContext](#)
- [ValidationExceptionError](#)

Account

Service: Partner Central Selling API

Specifies the Customer's account details associated with the Opportunity.

Contents

Note

In the following list, the required parameters are described first.

CompanyName

Specifies the end Customer's company name associated with the Opportunity.

Type: String

Pattern: `(?s){0,120}`

Required: Yes

Address

Specifies the end Customer's address details associated with the Opportunity.

Type: [Address](#) object

Required: No

AwsAccountId

Specifies the Customer AWS account ID associated with the Opportunity.

Type: String

Pattern: `([0-9]{12}|\w{1,12})`

Required: No

Duns

Indicates the Customer DUNS number, if available.

Type: String

Pattern: [0-9]{9}

Required: No

Industry

Specifies the industry the end Customer belongs to that's associated with the Opportunity. It refers to the category or sector where the customer's business operates. This is a required field.

Type: String

Valid Values: Aerospace | Agriculture | Automotive | Computers and Electronics | Consumer Goods | Education | Energy - Oil and Gas | Energy - Power and Utilities | Financial Services | Gaming | Government | Healthcare | Hospitality | Life Sciences | Manufacturing | Marketing and Advertising | Media and Entertainment | Mining | Non-Profit Organization | Professional Services | Real Estate and Construction | Retail | Software and Internet | Telecommunications | Transportation and Logistics | Travel | Wholesale and Distribution | Other

Required: No

OtherIndustry

Specifies the end Customer's industry associated with the Opportunity, when the selected value in the Industry field is Other.

Type: String

Pattern: (?s).{0,255}

Required: No

WebsiteUrl

Specifies the end customer's company website URL associated with the Opportunity. This value is crucial to map the customer within the AWS CRM system. This field is required in all cases except when the opportunity is related to national security.

Type: String

Pattern: (?s).{4,255}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AccountReceiver

Service: Partner Central Selling API

Contains the account details of the partner who received the Engagement Invitation, including the AWS account ID and company name.

Contents

Note

In the following list, the required parameters are described first.

AwsAccountId

Indicates the AWS account ID of the partner who received the Engagement Invitation. This is a unique identifier for managing engagements with specific AWS accounts.

Type: String

Pattern: ([0-9]{12} | \w{1,12})

Required: Yes

Alias

Represents the alias of the partner account receiving the Engagement Invitation, making it easier to identify and track the recipient in reports or logs.

Type: String

Pattern: (?s) . {0,80}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AccountSummary

Service: Partner Central Selling API

An object that contains an Account's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

CompanyName

Specifies the end Customer's company name associated with the Opportunity.

Type: String

Pattern: `(?s).{0,120}`

Required: Yes

Address

Specifies the end Customer's address details associated with the Opportunity.

Type: [AddressSummary](#) object

Required: No

Industry

Specifies which industry the end Customer belongs to associated with the Opportunity. It refers to the category or sector that the customer's business operates in.

To submit a value outside the picklist, use `Other`.

Conditionally mandatory if `Other` is selected for Industry Vertical in LOVs.

Type: String

Valid Values: Aerospace | Agriculture | Automotive | Computers and Electronics | Consumer Goods | Education | Energy - Oil and Gas | Energy

- Power and Utilities | Financial Services | Gaming | Government | Healthcare | Hospitality | Life Sciences | Manufacturing | Marketing and Advertising | Media and Entertainment | Mining | Non-Profit Organization | Professional Services | Real Estate and Construction | Retail | Software and Internet | Telecommunications | Transportation and Logistics | Travel | Wholesale and Distribution | Other

Required: No

OtherIndustry

Specifies the end Customer's industry associated with the Opportunity, when the selected value in the Industry field is Other. This field is relevant when the customer's industry doesn't fall under the predefined picklist values and requires a custom description.

Type: String

Pattern: (?s).{0,255}

Required: No

WebsiteUrl

Specifies the end customer's company website URL associated with the Opportunity. This value is crucial to map the customer within the AWS CRM system.

Type: String

Pattern: (?s).{4,255}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Address

Service: Partner Central Selling API

Specifies the end Customer's address details associated with the Opportunity.

Contents

Note

In the following list, the required parameters are described first.

City

Specifies the end Customer's city associated with the Opportunity.

Type: String

Pattern: `(?s){0,255}`

Required: No

CountryCode

Specifies the end Customer's country associated with the Opportunity.

Type: String

Valid Values: US | AF | AX | AL | DZ | AS | AD | AO | AI | AQ | AG | AR | AM
| AW | AU | AT | AZ | BS | BH | BD | BB | BY | BE | BZ | BJ | BM | BT |
BO | BQ | BA | BW | BV | BR | IO | BN | BG | BF | BI | KH | CM | CA | CV
| KY | CF | TD | CL | CN | CX | CC | CO | KM | CG | CK | CR | CI | HR |
CU | CW | CY | CZ | CD | DK | DJ | DM | DO | EC | EG | SV | GQ | ER | EE
| ET | FK | FO | FJ | FI | FR | GF | PF | TF | GA | GM | GE | DE | GH |
GI | GR | GL | GD | GP | GU | GT | GG | GN | GW | GY | HT | HM | VA | HN
| HK | HU | IS | IN | ID | IR | IQ | IE | IM | IL | IT | JM | JP | JE |
JO | KZ | KE | KI | KR | KW | KG | LA | LV | LB | LS | LR | LY | LI | LT
| LU | MO | MK | MG | MW | MY | MV | ML | MT | MH | MQ | MR | MU | YT |
MX | FM | MD | MC | MN | ME | MS | MA | MZ | MM | NA | NR | NP | NL | AN
| NC | NZ | NI | NE | NG | NU | NF | MP | NO | OM | PK | PW | PS | PA |
PG | PY | PE | PH | PN | PL | PT | PR | QA | RE | RO | RU | RW | BL | SH

| KN | LC | MF | PM | VC | WS | SM | ST | SA | SN | RS | SC | SL | SG |
SX | SK | SI | SB | SO | ZA | GS | SS | ES | LK | SD | SR | SJ | SZ | SE
| CH | SY | TW | TJ | TZ | TH | TL | TG | TK | TO | TT | TN | TR | TM |
TC | TV | UG | UA | AE | GB | UM | UY | UZ | VU | VE | VN | VG | VI | WF
| EH | YE | ZM | ZW

Required: No

PostalCode

Specifies the end Customer's postal code associated with the Opportunity.

Type: String

Pattern: `(?s){0,20}`

Required: No

StateOrRegion

Specifies the end Customer's state or region associated with the Opportunity.

Valid values: Alabama | Alaska | American Samoa | Arizona | Arkansas |
California | Colorado | Connecticut | Delaware | Dist. of Columbia
| Federated States of Micronesia | Florida | Georgia | Guam | Hawaii
| Idaho | Illinois | Indiana | Iowa | Kansas | Kentucky | Louisiana
| Maine | Marshall Islands | Maryland | Massachusetts | Michigan |
Minnesota | Mississippi | Missouri | Montana | Nebraska | Nevada | New
Hampshire | New Jersey | New Mexico | New York | North Carolina | North
Dakota | Northern Mariana Islands | Ohio | Oklahoma | Oregon | Palau
| Pennsylvania | Puerto Rico | Rhode Island | South Carolina | South
Dakota | Tennessee | Texas | Utah | Vermont | Virginia | Virgin Islands
| Washington | West Virginia | Wisconsin | Wyoming | APO/AE | AFO/FPO |
FPO, AP

Type: String

Required: No

StreetAddress

Specifies the end Customer's street address associated with the Opportunity.

Type: String

Pattern: (?s) . {0,255}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AddressSummary

Service: Partner Central Selling API

An object that contains an Address object's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

City

Specifies the end Customer's city associated with the Opportunity.

Type: String

Pattern: (?s){0,255}

Required: No

CountryCode

Specifies the end Customer's country associated with the Opportunity.

Type: String

Valid Values: US | AF | AX | AL | DZ | AS | AD | AO | AI | AQ | AG | AR | AM
| AW | AU | AT | AZ | BS | BH | BD | BB | BY | BE | BZ | BJ | BM | BT |
BO | BQ | BA | BW | BV | BR | IO | BN | BG | BF | BI | KH | CM | CA | CV
| KY | CF | TD | CL | CN | CX | CC | CO | KM | CG | CK | CR | CI | HR |
CU | CW | CY | CZ | CD | DK | DJ | DM | DO | EC | EG | SV | GQ | ER | EE
| ET | FK | FO | FJ | FI | FR | GF | PF | TF | GA | GM | GE | DE | GH |
GI | GR | GL | GD | GP | GU | GT | GG | GN | GW | GY | HT | HM | VA | HN
| HK | HU | IS | IN | ID | IR | IQ | IE | IM | IL | IT | JM | JP | JE |
JO | KZ | KE | KI | KR | KW | KG | LA | LV | LB | LS | LR | LY | LI | LT
| LU | MO | MK | MG | MW | MY | MV | ML | MT | MH | MQ | MR | MU | YT |
MX | FM | MD | MC | MN | ME | MS | MA | MZ | MM | NA | NR | NP | NL | AN

| NC | NZ | NI | NE | NG | NU | NF | MP | NO | OM | PK | PW | PS | PA |
PG | PY | PE | PH | PN | PL | PT | PR | QA | RE | RO | RU | RW | BL | SH
| KN | LC | MF | PM | VC | WS | SM | ST | SA | SN | RS | SC | SL | SG |
SX | SK | SI | SB | SO | ZA | GS | SS | ES | LK | SD | SR | SJ | SZ | SE
| CH | SY | TW | TJ | TZ | TH | TL | TG | TK | TO | TT | TN | TR | TM |
TC | TV | UG | UA | AE | GB | UM | UY | UZ | VU | VE | VN | VG | VI | WF
| EH | YE | ZM | ZW

Required: No

PostalCode

Specifies the end Customer's postal code associated with the Opportunity.

Type: String

Pattern: (?s){0,20}

Required: No

StateOrRegion

Specifies the end Customer's state or region associated with the Opportunity.

Valid values: Alabama | Alaska | American Samoa | Arizona | Arkansas |
California | Colorado | Connecticut | Delaware | Dist. of Columbia
| Federated States of Micronesia | Florida | Georgia | Guam | Hawaii
| Idaho | Illinois | Indiana | Iowa | Kansas | Kentucky | Louisiana
| Maine | Marshall Islands | Maryland | Massachusetts | Michigan |
Minnesota | Mississippi | Missouri | Montana | Nebraska | Nevada | New
Hampshire | New Jersey | New Mexico | New York | North Carolina | North
Dakota | Northern Mariana Islands | Ohio | Oklahoma | Oregon | Palau
| Pennsylvania | Puerto Rico | Rhode Island | South Carolina | South
Dakota | Tennessee | Texas | Utah | Vermont | Virginia | Virgin Islands
| Washington | West Virginia | Wisconsin | Wyoming | APO/AE | AFO/FPO |
FPO, AP

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssigneeContact

Service: Partner Central Selling API

Represents the contact details of the individual assigned to manage the opportunity within the partner organization. This helps to ensure that there is a point of contact for the opportunity's progress.

Contents

Note

In the following list, the required parameters are described first.

BusinessTitle

Specifies the business title of the assignee managing the opportunity. This helps clarify the individual's role and responsibilities within the organization. Use the value `PartnerAccountManager` to update details of the opportunity owner.

Type: String

Pattern: `(?s).{0,80}`

Required: Yes

Email

Provides the email address of the assignee. This email is used for communications and notifications related to the opportunity.

Type: String

Pattern: `(?=.{0,80}$)[a-z0-9!#$%&'*/=?^_`{|}~-]+(?:\. [a-z0-9!#$%&'*/=?^_`{|}~-]+)*@(?:[a-z0-9](?:[a-z0-9-]*[a-z0-9])?\.)+[a-z0-9](?:[a-z0-9-]*[a-z0-9])?`

Required: Yes

FirstName

Specifies the first name of the assignee managing the opportunity. The system automatically retrieves this value from the user profile by referencing the associated email address.

Type: String

Pattern: (?s) . {0,80}

Required: Yes

LastName

Specifies the last name of the assignee managing the opportunity. The system automatically retrieves this value from the user profile by referencing the associated email address.

Type: String

Pattern: (?s) . {0,80}

Required: Yes

Phone

Specifies the contact phone number of the assignee responsible for the opportunity or engagement. This field enables direct communication for time-sensitive matters and facilitates coordination between AWS and partner teams.

Type: String

Pattern: \+[1-9]\d{1,14}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsOpportunityCustomer

Service: Partner Central Selling API

Represents the customer associated with the AWS opportunity. This field captures key details about the customer that are necessary for managing the opportunity.

Contents

Note

In the following list, the required parameters are described first.

Contacts

Provides a list of customer contacts involved in the opportunity. These contacts may include decision makers, influencers, and other stakeholders within the customer's organization.

Type: Array of [Contact](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsOpportunityInsights

Service: Partner Central Selling API

Contains insights provided by AWS for the opportunity, offering recommendations and analysis that can help the partner optimize their engagement and strategy.

Contents

Note

In the following list, the required parameters are described first.

AwsProductsSpendInsightsBySource

Source-separated spend insights that provide independent analysis for AWS recommendations and partner estimates.

Type: [AwsProductsSpendInsightsBySource](#) object

Required: No

EngagementScore

Represents a score assigned by AWS to indicate the level of engagement and potential success for the opportunity. This score helps partners prioritize their efforts.

Type: String

Valid Values: High | Medium | Low

Required: No

NextBestActions

Provides recommendations from AWS on the next best actions to take in order to move the opportunity forward and increase the likelihood of success.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsOpportunityLifeCycle

Service: Partner Central Selling API

Tracks the lifecycle of the AWS opportunity, including stages such as qualification, validation, and closure. This field helps partners understand the current status and progression of the opportunity.

Contents

Note

In the following list, the required parameters are described first.

ClosedLostReason

Indicates the reason why an opportunity was marked as Closed Lost. This helps in understanding the context behind the lost opportunity and aids in refining future strategies.

Type: String

Valid Values: Administrative | Business Associate Agreement | Company Acquired/Dissolved | Competitive Offering | Customer Data Requirement | Customer Deficiency | Customer Experience | Delay / Cancellation of Project | Duplicate | Duplicate Opportunity | Executive Blocker | Failed Vetting | Feature Limitation | Financial/Commercial | Insufficient Amazon Value | Insufficient AWS Value | International Constraints | Legal / Tax / Regulatory | Legal Terms and Conditions | Lost to Competitor | Lost to Competitor - Google | Lost to Competitor - Microsoft | Lost to Competitor - Other | Lost to Competitor - Rackspace | Lost to Competitor - SoftLayer | Lost to Competitor - VMWare | No Customer Reference | No Integration Resources | No Opportunity | No Perceived Value of MP | No Response | Not Committed to AWS | No Update | On Premises Deployment | Other | Other (Details in Description) | Partner Gap | Past Due | People/Relationship/Governance | Platform Technology Limitation | Preference for Competitor | Price | Product/Technology | Product Not on AWS | Security / Compliance | Self-Service | Technical Limitations | Term Sheet Impasse

Required: No

NextSteps

Specifies the immediate next steps required to progress the opportunity. These steps are based on AWS guidance and the current stage of the opportunity.

Type: String

Pattern: `(?s).{0,255}`

Required: No

NextStepsHistory

Provides a historical log of previous next steps that were taken to move the opportunity forward. This helps in tracking the decision-making process and identifying any delays or obstacles encountered.

Type: Array of [ProfileNextStepsHistory](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

Stage

Represents the current stage of the opportunity in its lifecycle, such as Qualification, Validation, or Closed Won. This helps in understanding the opportunity's progress.

Type: String

Valid Values: Not Started | In Progress | Prospect | Engaged | Identified | Qualify | Research | Seller Engaged | Evaluating | Seller Registered | Term Sheet Negotiation | Contract Negotiation | Onboarding | Building Integration | Qualified | On-hold | Technical Validation | Business Validation | Committed | Launched | Deferred to Partner | Closed Lost | Completed | Closed Incomplete

Required: No

TargetCloseDate

Indicates the expected date by which the opportunity is projected to close. This field helps in planning resources and timelines for both the partner and AWS.

Type: String

Pattern: `[1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|12[0-9]|3[01])`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsOpportunityProject

Service: Partner Central Selling API

Captures details about the project associated with the opportunity, including objectives, scope, and customer requirements.

Contents

Note

In the following list, the required parameters are described first.

AwsPartition

AWS partition where the opportunity will be deployed. Possible values: `aws-eusc` for AWS European Sovereign Cloud, `null` for all other partitions.

Type: String

Valid Values: `aws-eusc`

Required: No

ExpectedCustomerSpend

Indicates the expected spending by the customer over the course of the project. This value helps partners and AWS estimate the financial impact of the opportunity. Use the [AWS Pricing Calculator](#) to create an estimate of the customer's total spend. If only annual recurring revenue (ARR) is available, distribute it across 12 months to provide an average monthly value.

Type: Array of [ExpectedCustomerSpend](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsOpportunityRelatedEntities

Service: Partner Central Selling API

Represents other entities related to the AWS opportunity, such as AWS products, partner solutions, and marketplace offers. These associations help build a complete picture of the solution being sold.

Contents

Note

In the following list, the required parameters are described first.

AwsProducts

Specifies the AWS products associated with the opportunity. This field helps track the specific products that are part of the proposed solution.

Type: Array of strings

Required: No

Solutions

Specifies the partner solutions related to the opportunity. These solutions represent the partner's offerings that are being positioned as part of the overall AWS opportunity.

Type: Array of strings

Pattern: S-[0-9]{1,19}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

AwsOpportunitySummaryFullView

Service: Partner Central Selling API

Provides a comprehensive view of AwsOpportunitySummaryFullView template.

Contents

Note

In the following list, the required parameters are described first.

Customer

Represents the customer associated with the AWS opportunity. This field captures key details about the customer that are necessary for managing the opportunity.

Type: [AwsOpportunityCustomer](#) object

Required: No

Insights

Contains insights provided by AWS for the opportunity, offering recommendations and analysis that can help the partner optimize their engagement and strategy.

Type: [AwsOpportunityInsights](#) object

Required: No

InvolvementType

Type of AWS involvement in the opportunity.

Type: String

Valid Values: For Visibility Only | Co-Sell

Required: No

InvolvementTypeChangeReason

Reason for changes in AWS involvement type for the opportunity.

Type: String

Valid Values: Expansion Opportunity | Change in Deal Information | Customer Requested | Technical Complexity | Risk Mitigation

Required: No

LifeCycle

Tracks the lifecycle of the AWS opportunity, including stages such as qualification, validation, and closure. This field helps partners understand the current status and progression of the opportunity.

Type: [AwsOpportunityLifeCycle](#) object

Required: No

OpportunityTeam

AWS team members involved in the opportunity.

Type: Array of [AwsTeamMember](#) objects

Required: No

Origin

Source origin of the AWS opportunity.

Type: String

Valid Values: AWS Referral | Partner Referral

Required: No

Project

Captures details about the project associated with the opportunity, including objectives, scope, and customer requirements.

Type: [AwsOpportunityProject](#) object

Required: No

RelatedEntityIds

Represents other entities related to the AWS opportunity, such as AWS products, partner solutions, and marketplace offers. These associations help build a complete picture of the solution being sold.

Type: [AwsOpportunityRelatedEntities](#) object

Required: No

RelatedOpportunityId

Identifier of the related partner opportunity.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

Visibility

Visibility level for the AWS opportunity.

Type: String

Valid Values: Full | Limited

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsProductDetails

Service: Partner Central Selling API

List of AWS services with program eligibility indicators (MAP, modernization pathways), cost estimates, and optimization recommendations.

Contents

Note

In the following list, the required parameters are described first.

Categories

List of program and pathway categories this product is eligible for.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: Yes

Optimizations

List of specific optimization recommendations for this product.

Type: Array of [AwsProductOptimization](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: Yes

ProductCode

AWS Partner Central product identifier used for opportunity association.

Type: String

Required: Yes

Amount

Baseline service cost before optimizations.

Type: String

Pattern: `(0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?`

Required: No

OptimizedAmount

Service cost after applying optimizations.

Type: String

Pattern: `(0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?`

Required: No

PotentialSavingsAmount

Service-specific cost reduction through optimizations.

Type: String

Pattern: `(0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?`

Required: No

ServiceCode

Pricing Calculator service code.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsProductInsights

Service: Partner Central Selling API

Comprehensive spend analysis for a single source (AWS or Partner) including total amounts, optimization savings, program category breakdowns, and detailed product-level insights.

Contents

Note

In the following list, the required parameters are described first.

AwsProducts

Product-level details including costs and optimization recommendations.

Type: Array of [AwsProductDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Required: Yes

CurrencyCode

ISO 4217 currency code. Supported values are USD and EUR. Returns EUR when the opportunity is in the aws-eusc (AWS European Sovereign Cloud) partition.

Type: String

Valid Values: USD | EUR | GBP | AUD | CAD | CNY | NZD | INR | JPY | CHF | SEK | AED | AFN | ALL | AMD | ANG | AOA | ARS | AWG | AZN | BAM | BBD | BDT | BGN | BHD | BIF | BMD | BND | BOB | BOV | BRL | BSD | BTN | BWP | BYN | BZD | CDF | CHE | CHW | CLF | CLP | COP | COU | CRC | CUC | CUP | CVE | CZK | DJF | DKK | DOP | DZD | EGP | ERN | ETB | FJD | FKP | GEL | GHS | GIP | GMD | GNF | GTQ | GYD | HKD | HNL | HRK | HTG | HUF | IDR | ILS | IQD | IRR | ISK | JMD | JOD | KES | KGS | KHR | KMF | KPW | KRW | KWD | KYD | KZT | LAK | LBP | LKR | LRD | LSL | LYD | MAD | MDL | MGA | MKD | MMK | MNT | MOP | MRU | MUR | MVR | MWK | MXN | MXV | MYR | MZN | NAD | NGN | NIO | NOK | NPR | OMR | PAB | PEN | PGK | PHP | PKR | PLN |

PYG | QAR | RON | RSD | RUB | RWF | SAR | SBD | SCR | SDG | SGD | SHP |
 SLL | SOS | SRD | SSP | STN | SVC | SYP | SZL | THB | TJS | TMT | TND |
 TOP | TRY | TTD | TWD | TZS | UAH | UGX | USN | UYI | UYU | UZS | VEF |
 VND | VUV | WST | XAF | XCD | XDR | XOF | XPF | XSU | XUA | YER | ZAR |
 ZMW | ZWL

Required: Yes

Frequency

Time period for spend amounts.

Type: String

Valid Values: Monthly

Required: Yes

TotalAmountByCategory

Spend amounts mapped to AWS programs and modernization pathways.

Type: String to string map

Value Pattern: (0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?

Required: Yes

TotalAmount

Total estimated spend for this source before optimizations.

Type: String

Pattern: (0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?

Required: No

TotalOptimizedAmount

Total estimated spend after applying recommended optimizations.

Type: String

Pattern: (0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?

Required: No

TotalPotentialSavingsAmount

Quantified savings achievable through implementing optimizations.

Type: String

Pattern: `(0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsProductOptimization

Service: Partner Central Selling API

Specific optimization strategies partners can implement to reduce costs.

Contents

Note

In the following list, the required parameters are described first.

Description

Human-readable explanation of the optimization strategy.

Type: String

Required: Yes

SavingsAmount

Quantified cost savings achievable by implementing this optimization.

Type: String

Pattern: `(0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsProductsSpendInsightsBySource

Service: Partner Central Selling API

Source-separated spend insights that provide independent analysis for AWS recommendations and partner estimates.

Contents

Note

In the following list, the required parameters are described first.

AWS

AI-generated insights including recommended products from AWS.

Type: [AwsProductInsights](#) object

Required: No

Partner

Partner-sourced insights derived from Pricing Calculator URLs.

Type: [AwsProductInsights](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsSubmission

Service: Partner Central Selling API

Indicates the level of AWS involvement in the opportunity. This field helps track AWS participation throughout the engagement, such as providing technical support, deal assistance, and sales support.

Contents

Note

In the following list, the required parameters are described first.

InvolvementType

Specifies the type of AWS involvement in the opportunity, such as coselling, deal support, or technical consultation. This helps categorize the nature of AWS participation.

Type: String

Valid Values: For Visibility Only | Co-Sell

Required: Yes

Visibility

Determines who can view AWS involvement in the opportunity. Typically, this field is set to Full for most cases, but it may be restricted based on special program requirements or confidentiality needs.

Type: String

Valid Values: Full | Limited

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AwsTeamMember

Service: Partner Central Selling API

Represents an AWS team member for the engagement. This structure includes details such as name, email, and business title.

Contents

Note

In the following list, the required parameters are described first.

BusinessTitle

Specifies the AWS team member's business title and indicates their organizational role.

Type: String

Valid Values: AWSSalesRep | AWSAccountOwner | WWSPDPM | PDM | PSM | ISVSM

Required: No

Email

Provides the AWS team member's email address.

Type: String

Pattern: `(?=.{0,80}$)[a-z0-9!#$%&'*/=?^_`{|}~-]+(?:\. [a-z0-9!#$%&'*/=?^_`{|}~-]+)*@(?:[a-z0-9](?:[a-z0-9-]*[a-z0-9])?\.)+[a-z0-9](?:[a-z0-9-]*[a-z0-9])?`

Required: No

FirstName

Provides the AWS team member's first name.

Type: String

Pattern: `(?s).{0,80}`

Required: No

LastName

Provides the AWS team member's last name.

Type: String

Pattern: `(?s) . {0,80}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Contact

Service: Partner Central Selling API

An object that contains a Customer Partner's contact details.

Contents

Note

In the following list, the required parameters are described first.

BusinessTitle

The partner contact's title (job title or role) associated with the Opportunity.
BusinessTitle supports either PartnerAccountManager or OpportunityOwner.

Type: String

Pattern: `(?s).{0,80}`

Required: No

Email

The contact's email address associated with the Opportunity.

Type: String

Pattern: `(?=.{0,80}$)[a-z0-9!#$%&'*/=?^_`{|}~-]+(?:\. [a-z0-9!#$%&'*/=?^_`{|}~-]+)*@(?:[a-z0-9](?:[a-z0-9-]*[a-z0-9])?\.)+[a-z0-9](?:[a-z0-9-]*[a-z0-9])?`

Required: No

FirstName

The contact's first name associated with the Opportunity.

Type: String

Pattern: `(?s).{0,80}`

Required: No

LastName

The contact's last name associated with the Opportunity.

Type: String

Pattern: `(?s) .{0,80}`

Required: No

Phone

The contact's phone number associated with the Opportunity.

Type: String

Pattern: `\+[1-9]\d{1,14}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CreatedDateFilter

Service: Partner Central Selling API

Filter for opportunities based on creation date range.

Contents

Note

In the following list, the required parameters are described first.

AfterCreatedDate

Filter opportunities created after this date.

Type: Timestamp

Required: No

BeforeCreatedDate

Filter opportunities created before this date.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Customer

Service: Partner Central Selling API

An object that contains the customer's Account and Contact.

Contents

Note

In the following list, the required parameters are described first.

Account

An object that contains the customer's account details.

Type: [Account](#) object

Required: No

Contacts

Represents the contact details for individuals associated with the customer of the Opportunity. This field captures relevant contacts, including decision-makers, influencers, and technical stakeholders within the customer organization. These contacts are key to progressing the opportunity.

Type: Array of [Contact](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CustomerProjectsContext

Service: Partner Central Selling API

The CustomerProjects structure in Engagements offers a flexible framework for managing customer-project relationships. It supports multiple customers per Engagement and multiple projects per customer, while also allowing for customers without projects and projects without specific customers.

All Engagement members have full visibility of customers and their associated projects, enabling the capture of relevant context even when project details are not fully defined. This structure also facilitates targeted invitations, allowing partners to focus on specific customers and their business problems when sending Engagement invitations.

Contents

Note

In the following list, the required parameters are described first.

Customer

Contains details about the customer associated with the Engagement Invitation, including company information and industry.

Type: [EngagementCustomer](#) object

Required: No

Project

Information about the customer project associated with the Engagement.

Type: [EngagementCustomerProjectDetails](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CustomerSummary

Service: Partner Central Selling API

An object that contains a Customer object's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

Account

An object that contains a customer's account details.

Type: [AccountSummary](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementContextDetails

Service: Partner Central Selling API

Provides detailed context information for an Engagement. This structure allows for specifying the type of context and its associated payload.

Contents

Note

In the following list, the required parameters are described first.

Type

Specifies the type of Engagement context. Valid values are "CustomerProject" or "Document", indicating whether the context relates to a customer project or a document respectively.

Type: String

Valid Values: CustomerProject | Lead

Required: Yes

Id

The unique identifier of the engagement context. This ID is used to reference and manage the specific context within the engagement.

Type: String

Pattern: (?s){1,3}

Required: No

Payload

Contains the specific details of the Engagement context. The structure of this payload varies depending on the Type field.

Type: [EngagementContextPayload](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementContextPayload

Service: Partner Central Selling API

Represents the payload of an Engagement context. The structure of this payload varies based on the context type specified in the EngagementContextDetails.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

CustomerProject

Contains detailed information about a customer project when the context type is "CustomerProject". This field is present only when the Type in EngagementContextDetails is set to "CustomerProject".

Type: [CustomerProjectsContext](#) object

Required: No

Lead

Contains detailed information about a lead when the context type is "Lead". This field is present only when the Type in EngagementContextDetails is set to "Lead".

Type: [LeadContext](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementCustomer

Service: Partner Central Selling API

Contains details about the customer associated with the Engagement Invitation, including company information and industry.

Contents

Note

In the following list, the required parameters are described first.

CompanyName

Represents the name of the customer's company associated with the Engagement Invitation. This field is used to identify the customer.

Type: String

Pattern: `(?s){1,120}`

Required: Yes

CountryCode

Indicates the country in which the customer's company operates. This field is useful for understanding regional requirements or compliance needs.

Type: String

Valid Values: US | AF | AX | AL | DZ | AS | AD | AO | AI | AQ | AG | AR | AM
| AW | AU | AT | AZ | BS | BH | BD | BB | BY | BE | BZ | BJ | BM | BT |
BO | BQ | BA | BW | BV | BR | IO | BN | BG | BF | BI | KH | CM | CA | CV
| KY | CF | TD | CL | CN | CX | CC | CO | KM | CG | CK | CR | CI | HR |
CU | CW | CY | CZ | CD | DK | DJ | DM | DO | EC | EG | SV | GQ | ER | EE
| ET | FK | FO | FJ | FI | FR | GF | PF | TF | GA | GM | GE | DE | GH |
GI | GR | GL | GD | GP | GU | GT | GG | GN | GW | GY | HT | HM | VA | HN
| HK | HU | IS | IN | ID | IR | IQ | IE | IM | IL | IT | JM | JP | JE |
JO | KZ | KE | KI | KR | KW | KG | LA | LV | LB | LS | LR | LY | LI | LT

| LU | MO | MK | MG | MW | MY | MV | ML | MT | MH | MQ | MR | MU | YT |
 MX | FM | MD | MC | MN | ME | MS | MA | MZ | MM | NA | NR | NP | NL | AN
 | NC | NZ | NI | NE | NG | NU | NF | MP | NO | OM | PK | PW | PS | PA |
 PG | PY | PE | PH | PN | PL | PT | PR | QA | RE | RO | RU | RW | BL | SH
 | KN | LC | MF | PM | VC | WS | SM | ST | SA | SN | RS | SC | SL | SG |
 SX | SK | SI | SB | SO | ZA | GS | SS | ES | LK | SD | SR | SJ | SZ | SE
 | CH | SY | TW | TJ | TZ | TH | TL | TG | TK | TO | TT | TN | TR | TM |
 TC | TV | UG | UA | AE | GB | UM | UY | UZ | VU | VE | VN | VG | VI | WF
 | EH | YE | ZM | ZW

Required: Yes

Industry

Specifies the industry to which the customer's company belongs. This field helps categorize the opportunity based on the customer's business sector.

Type: String

Valid Values: Aerospace | Agriculture | Automotive | Computers and Electronics | Consumer Goods | Education | Energy - Oil and Gas | Energy - Power and Utilities | Financial Services | Gaming | Government | Healthcare | Hospitality | Life Sciences | Manufacturing | Marketing and Advertising | Media and Entertainment | Mining | Non-Profit Organization | Professional Services | Real Estate and Construction | Retail | Software and Internet | Telecommunications | Transportation and Logistics | Travel | Wholesale and Distribution | Other

Required: Yes

WebsiteUrl

Provides the website URL of the customer's company. This field helps partners verify the legitimacy and size of the customer organization.

Type: String

Pattern: `(?=. {4,255}$)((http|https):/)?(www[.]?)([a-zA-Z0-9]|-)+?([.][a-zA-Z0-9(-|/|=|?)??]+)?`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementCustomerProjectDetails

Service: Partner Central Selling API

Provides comprehensive details about a customer project associated with an Engagement. This may include information such as project goals, timelines, and specific customer requirements.

Contents

Note

In the following list, the required parameters are described first.

BusinessProblem

A description of the business problem the project aims to solve.

Type: String

Pattern: `(?s).{20,2000}`

Required: Yes

TargetCompletionDate

The target completion date for the customer's project.

Type: String

Pattern: `[1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])`

Required: Yes

Title

The title of the project.

Type: String

Pattern: `(?s).{1,255}`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementInvitationSummary

Service: Partner Central Selling API

Provides a summarized view of the Engagement Invitation, including details like the identifier, status, and sender. This summary helps partners track and manage AWS originated opportunities.

Contents

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which the Engagement Invitation resides. This can be either the AWS or Sandbox catalog, indicating whether the opportunity is live or being tested.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

Id

Represents the unique identifier of the Engagement Invitation. This identifier is used to track the invitation and to manage responses like acceptance or rejection.

Type: String

Pattern: `(?=.{1,255}$)(arn:.*|engi-[0-9a-z]{13})`

Required: Yes

Arn

The Amazon Resource Name (ARN) of the Engagement Invitation. The ARN is a unique identifier that allows partners to reference the invitation in their system and manage its lifecycle.

Type: String

Required: No

EngagementId

The identifier of the Engagement associated with this invitation. This links the invitation to its parent Engagement.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: No

EngagementTitle

Provides a short title or description of the Engagement Invitation. This title helps partners quickly identify and differentiate between multiple engagement opportunities.

Type: String

Pattern: (?s).{1,40}

Required: No

ExpirationDate

Indicates the date and time when the Engagement Invitation will expire. After this date, the invitation can no longer be accepted, and the opportunity will be unavailable to the partner.

Type: Timestamp

Required: No

InvitationDate

Indicates the date when the Engagement Invitation was sent to the partner. This provides context for when the opportunity was shared and helps in tracking the timeline for engagement.

Type: Timestamp

Required: No

ParticipantType

Identifies the role of the caller in the engagement invitation.

Type: String

Valid Values: SENDER | RECEIVER

Required: No

PayloadType

Describes the type of payload associated with the Engagement Invitation, such as Opportunity or MarketplaceOffer. This helps partners understand the nature of the engagement request from AWS.

Type: String

Valid Values: OpportunityInvitation | LeadInvitation

Required: No

Receiver

Specifies the partner company or individual that received the Engagement Invitation. This field is important for tracking who the invitation was sent to within the partner organization.

Type: [Receiver](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

SenderAwsAccountId

Specifies the AWS account ID of the sender who initiated the Engagement Invitation. This allows the partner to identify the AWS entity or representative responsible for sharing the opportunity.

Type: String

Pattern: (`[0-9]{12}`|\w{1,12})

Required: No

SenderCompanyName

Indicates the name of the company or AWS division that sent the Engagement Invitation. This information is useful for partners to know which part of AWS is requesting engagement.

Type: String

Pattern: (?s) . {0,120}

Required: No

Status

Represents the current status of the Engagement Invitation, such as Pending, Accepted, or Rejected. The status helps track the progress and response to the invitation.

Type: String

Valid Values: ACCEPTED | PENDING | REJECTED | EXPIRED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementMember

Service: Partner Central Selling API

Engagement members are the participants in an Engagement, which is likely a collaborative project or business opportunity within the AWS partner network. Members can be different partner organizations or AWS accounts that are working together on a specific engagement.

Each member is represented by their AWS Account ID, Company Name, and associated details. Members have a status within the Engagement (PENDING, ACCEPTED, REJECTED, or WITHDRAWN), indicating their current state of participation. Only existing members of an Engagement can view the list of other members. This implies a level of privacy and access control within the Engagement structure.

Contents

Note

In the following list, the required parameters are described first.

AccountId

This is the unique identifier for the AWS account associated with the member organization. It's used for AWS-related operations and identity verification.

Type: String

Pattern: (`[0-9]{12}`|\w{1,12})

Required: No

CompanyName

The official name of the member's company or organization.

Type: String

Pattern: (?s)\.{1,120}

Required: No

WebsiteUrl

The URL of the member company's website. This offers a way to find more information about the member organization and serves as an additional identifier.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementMemberSummary

Service: Partner Central Selling API

The EngagementMemberSummary provides a snapshot of essential information about participants in an AWS Partner Central Engagement. This compact data structure encapsulates key details of each member, facilitating efficient collaboration and management within the Engagement.

Contents

Note

In the following list, the required parameters are described first.

CompanyName

The official name of the member's company or organization.

Type: String

Pattern: `(?s){1,120}`

Required: No

WebsiteUrl

The URL of the member company's website. This offers a way to find more information about the member organization and serves as an additional identifier.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

EngagementResourceAssociationSummary

Service: Partner Central Selling API

This provide a streamlined view of the relationships between engagements and resources. These summaries offer a crucial link between collaborative engagements and the specific resources involved, such as opportunities. These summaries are particularly valuable for partners navigating complex engagements with multiple resources. They enable quick insights into resource distribution across engagements, support efficient resource management, and help maintain a clear overview of collaborative activities.

Contents

Note

In the following list, the required parameters are described first.

Catalog

Indicates the environment in which the resource and engagement exist.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

CreatedBy

The AWS account ID of the entity that owns the resource. Identifies the account responsible for or having primary control over the resource.

Type: String

Pattern: ([0-9]{12}|\w{1,12})

Required: No

EngagementId

A unique identifier for the engagement associated with the resource.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: No

ResourceId

A unique identifier for the specific resource. Varies depending on the resource type.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

ResourceType

Categorizes the type of resource associated with the engagement.

Type: String

Valid Values: Opportunity

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementSort

Service: Partner Central Selling API

Specifies the sorting parameters for listing Engagements.

Contents

Note

In the following list, the required parameters are described first.

SortBy

The field by which to sort the results.

Type: String

Valid Values: CreatedDate

Required: Yes

SortOrder

The order in which to sort the results.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EngagementSummary

Service: Partner Central Selling API

An object that contains an Engagement's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) of the created Engagement.

Type: String

Pattern: `arn:.*`

Required: No

ContextTypes

An array of context types associated with the engagement, such as "CustomerProject" or "Lead". This provides a quick overview of the types of contexts included in the engagement.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Valid Values: `CustomerProject` | `Lead`

Required: No

CreatedAt

The date and time when the Engagement was created.

Type: Timestamp

Required: No

CreatedBy

The AWS Account ID of the Engagement creator.

Type: String

Pattern: ([0-9]{12}|\w{1,12})

Required: No

Id

The unique identifier for the Engagement.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: No

MemberCount

The number of members in the Engagement.

Type: Integer

Required: No

ModifiedAt

The timestamp indicating when the engagement was last modified, in ISO 8601 format (UTC).
Example: "2023-05-01T20:37:46Z".

Type: Timestamp

Required: No

ModifiedBy

The AWS account ID of the user who last modified the engagement. This field helps track who made the most recent changes to the engagement.

Type: String

Pattern: ([0-9]{12}|\w{1,12})

Required: No

Title

The title of the Engagement.

Type: String

Pattern: `(?s) . {1,40}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ExpectedContractDuration

Service: Partner Central Selling API

The expected duration of a partner's contract with the customer. Used to convert Total Contract Value (TCV) to Monthly Recurring Revenue (MRR) for opportunity dealsizing calculations.

Contents

Note

In the following list, the required parameters are described first.

Term

The unit of measurement for the contract duration value. Currently accepts only Months.

Type: String

Valid Values: Months

Required: Yes

Value

A String representation of the contract duration as an integer, expressed in the unit defined by Term. Valid values range from 1 to 144.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ExpectedCustomerSpend

Service: Partner Central Selling API

Provides an estimate of the revenue that the partner is expected to generate from the opportunity. This information helps partners assess the financial value of the project.

Contents

Note

In the following list, the required parameters are described first.

CurrencyCode

Indicates the currency in which the revenue estimate is provided. This helps in understanding the financial impact across different markets. Accepted values are USD (US Dollars) and EUR (Euros). If the AWS Partition is `aws-eusc` (AWS European Sovereign Cloud), the currency code must be EUR.

Type: String

Valid Values: USD | EUR | GBP | AUD | CAD | CNY | NZD | INR | JPY | CHF | SEK | AED | AFN | ALL | AMD | ANG | AOA | ARS | AWG | AZN | BAM | BBD | BDT | BGN | BHD | BIF | BMD | BND | BOB | BOV | BRL | BSD | BTN | BWP | BYN | BZD | CDF | CHE | CHW | CLF | CLP | COP | COU | CRC | CUC | CUP | CVE | CZK | DJF | DKK | DOP | DZD | EGP | ERN | ETB | FJD | FKP | GEL | GHS | GIP | GMD | GNF | GTQ | GYD | HKD | HNL | HRK | HTG | HUF | IDR | ILS | IQD | IRR | ISK | JMD | JOD | KES | KGS | KHR | KMF | KPW | KRW | KWD | KYD | KZT | LAK | LBP | LKR | LRD | LSL | LYD | MAD | MDL | MGA | MKD | MMK | MNT | MOP | MRU | MUR | MVR | MWK | MXN | MXV | MYR | MZN | NAD | NGN | NIO | NOK | NPR | OMR | PAB | PEN | PGK | PHP | PKR | PLN | PYG | QAR | RON | RSD | RUB | RWF | SAR | SBD | SCR | SDG | SGD | SHP | SLL | SOS | SRD | SSP | STN | SVC | SYP | SZL | THB | TJS | TMT | TND | TOP | TRY | TTD | TWD | TZS | UAH | UGX | USN | UYI | UYU | UZS | VEF | VND | VUV | WST | XAF | XCD | XDR | XOF | XPF | XSU | XUA | YER | ZAR | ZMW | ZWL

Required: Yes

Frequency

Indicates how frequently the customer is expected to spend the projected amount. Use `Monthly` for recurring monthly spend (required for `TargetCompany`: "AWS" entries). Use `None` for one-time deal value entries (required for `TargetCompany`: "Self" entries when providing Total Contract Value).

Type: String

Valid Values: `Monthly`

Required: Yes

TargetCompany

Specifies the entity associated with this spend entry. Use `AWS` for the system's AWS Monthly Recurring Revenue (MRR) estimate. Use `Self` for the partner's own deal value entry when providing Total Contract Value (TCV) for automatic MRR conversion. When `ExpectedContractDuration` is present on the Project, only `AWS` and `Self` are accepted. When `ExpectedContractDuration` is not present, only `AWS` is accepted and any other value will be automatically set to `AWS`.

Type: String

Pattern: `(?s){1,80}`

Required: Yes

Amount

Represents the estimated monthly revenue that the partner expects to earn from the opportunity. This helps in forecasting financial returns.

Type: String

Pattern: `((0|([1-9][0-9]{0,30}))(\.[0-9]{0,2}))??`

Required: No

EstimationUrl

A URL providing additional information or context about the spend estimation.

Type: String

Pattern: `https://(calculator\.aws|pricing\.calculator\.aws\.eu)/#/estimate\n?id=[a-f0-9]{32,64}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Invitation

Service: Partner Central Selling API

The Invitation structure represents an invitation exchanged between partners and AWS. It includes a message, receiver information, and a payload providing context for the invitation.

Contents

Note

In the following list, the required parameters are described first.

Message

A message accompanying the invitation.

Type: String

Pattern: `(?s).{1,255}`

Required: Yes

Payload

Contains the data payload associated with the Engagement Invitation. This payload includes essential details related to the AWS opportunity and is used by partners to evaluate whether to accept or reject the engagement.

Type: [Payload](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

Receiver

Represents the entity that received the Engagement Invitation, including account and company details. This field is essential for tracking the partner who is being invited to collaborate.

Type: [Receiver](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LastModifiedDate

Service: Partner Central Selling API

Defines a filter to retrieve opportunities based on the last modified date. This filter is useful for tracking changes or updates to opportunities over time.

Contents

Note

In the following list, the required parameters are described first.

AfterLastModifiedDate

Specifies the date after which the opportunities were modified. Use this filter to retrieve only those opportunities that were modified after a given timestamp.

Type: Timestamp

Required: No

BeforeLastModifiedDate

Specifies the date before which the opportunities were modified. Use this filter to retrieve only those opportunities that were modified before a given timestamp.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LeadContact

Service: Partner Central Selling API

An object that contains a lead contact's details associated with the engagement. This provides contact information for individuals involved in lead-related activities.

Contents

Note

In the following list, the required parameters are described first.

BusinessTitle

The lead contact's business title or job role associated with the engagement.

Type: String

Pattern: `(?s) . {0,80}`

Required: Yes

Email

The lead contact's email address associated with the engagement.

Type: String

Pattern: `(?=.{0,80}$)[a-z0-9!#$%&'*/=?^_`{|}~-]+(?:\. [a-z0-9!#$%&'*/=?^_`{|}~-]+)*@(?:[a-z0-9](?:[a-z0-9-]*[a-z0-9])?\.)+[a-z0-9](?:[a-z0-9-]*[a-z0-9])?`

Required: Yes

FirstName

The lead contact's first name associated with the engagement.

Type: String

Pattern: `(?s) . {0,80}`

Required: Yes

LastName

The lead contact's last name associated with the engagement.

Type: String

Pattern: `(?s){0,80}`

Required: Yes

Phone

The lead contact's phone number associated with the engagement.

Type: String

Pattern: `\+[1-9]\d{1,14}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LeadContext

Service: Partner Central Selling API

Provides comprehensive details about a lead associated with an engagement. This structure contains information about lead qualification status, customer details, and interaction history to facilitate lead management and tracking within the engagement.

Contents

Note

In the following list, the required parameters are described first.

Customer

Contains detailed information about the customer associated with the lead, including company information, contact details, and other relevant customer data.

Type: [LeadCustomer](#) object

Required: Yes

Interactions

An array of interactions that have occurred with the lead, providing a history of communications, meetings, and other engagement activities related to the lead.

Type: Array of [LeadInteraction](#) objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: Yes

QualificationStatus

Indicates the current qualification status of the lead, such as whether it has been qualified, disqualified, or is still under evaluation. This helps track the lead's progression through the qualification process.

Type: String

Pattern: (?s) . {1,255}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LeadCustomer

Service: Partner Central Selling API

Contains detailed information about the customer associated with the lead, including company details, industry classification, and AWS maturity level. This information helps qualify and categorize the lead for appropriate engagement strategies.

Contents

Note

In the following list, the required parameters are described first.

Address

An object that contains an Address object's subset of fields.

Type: [AddressSummary](#) object

Required: Yes

CompanyName

The name of the lead customer's company. This field is essential for identifying and tracking the customer organization associated with the lead.

Type: String

Pattern: `(?s) . {1,120}`

Required: Yes

AwsMaturity

Indicates the customer's level of experience and adoption with AWS services. This assessment helps determine the appropriate engagement approach and solution complexity.

Type: String

Pattern: `(?s) . {1,20}`

Required: No

Industry

Specifies the industry sector to which the lead customer's company belongs. This categorization helps in understanding the customer's business context and tailoring appropriate solutions.

Type: String

Valid Values: Aerospace | Agriculture | Automotive | Computers and Electronics | Consumer Goods | Education | Energy - Oil and Gas | Energy - Power and Utilities | Financial Services | Gaming | Government | Healthcare | Hospitality | Life Sciences | Manufacturing | Marketing and Advertising | Media and Entertainment | Mining | Non-Profit Organization | Professional Services | Real Estate and Construction | Retail | Software and Internet | Telecommunications | Transportation and Logistics | Travel | Wholesale and Distribution | Other

Required: No

MarketSegment

Specifies the market segment classification of the lead customer, such as enterprise, mid-market, or small business. This segmentation helps in targeting appropriate solutions and engagement strategies.

Type: String

Valid Values: Enterprise | Large | Medium | Small | Micro

Required: No

WebsiteUrl

The website URL of the lead customer's company. This provides additional context about the customer organization and helps verify company legitimacy and size.

Type: String

Pattern: `(?=. {4,255}$)((http|https)://)??(www[.])?([a-zA-Z0-9]|-)+?([.][a-zA-Z0-9(-|/|=|?)??]+?)?`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LeadInteraction

Service: Partner Central Selling API

Represents a specific interaction or touchpoint with a lead customer. This structure captures details about communications, meetings, or other engagement activities that help track the lead's progression and engagement history.

Contents

Note

In the following list, the required parameters are described first.

Contact

Contains contact information for the customer representative involved in the lead interaction, including their name, title, and contact details.

Type: [LeadContact](#) object

Required: Yes

CustomerAction

Describes the action taken by the customer during or as a result of the interaction, such as requesting information, scheduling a meeting, or expressing interest in a solution.

Type: String

Pattern: `(?s) . {1,255}`

Required: Yes

SourceId

The unique identifier of the specific source that generated the lead interaction. This ID provides traceability back to the original lead generation activity.

Type: String

Pattern: `(?s) . {1,255}`

Required: Yes

SourceName

The descriptive name of the source that generated the lead interaction, providing a human-readable identifier for the lead generation channel or activity.

Type: String

Pattern: (?s) . {1,255}

Required: Yes

SourceType

Specifies the type of source that generated the lead interaction, such as "Event", "Website", "Referral", or "Campaign". This categorization helps track lead generation effectiveness across different channels.

Type: String

Pattern: (?s) . {1,255}

Required: Yes

BusinessProblem

Describes the business problem or challenge that the customer discussed during the interaction. This information helps qualify the lead and identify appropriate solutions.

Type: String

Pattern: (?s) . {20,2000}

Required: No

InteractionDate

The date and time when the lead interaction occurred, in ISO 8601 format (UTC). This timestamp helps track the chronology of lead engagement activities.

Type: Timestamp

Required: No

Usecase

Describes the specific use case or business scenario discussed during the lead interaction. This helps categorize the customer's interests and potential solutions.

Type: String

Pattern: `(?s) . {1,255}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LeadInvitationCustomer

Service: Partner Central Selling API

Contains customer information included in a lead invitation payload. This structure provides essential details about the customer to help partners evaluate the lead opportunity and determine their interest in engagement.

Contents

Note

In the following list, the required parameters are described first.

CompanyName

The name of the customer company associated with the lead invitation. This field identifies the target organization for the lead engagement opportunity.

Type: String

Pattern: `(?s){1,120}`

Required: Yes

CountryCode

The country code indicating the geographic location of the customer company. This information helps partners understand regional requirements and assess their ability to serve the customer effectively.

Type: String

Valid Values: US | AF | AX | AL | DZ | AS | AD | AO | AI | AQ | AG | AR | AM
| AW | AU | AT | AZ | BS | BH | BD | BB | BY | BE | BZ | BJ | BM | BT |
BO | BQ | BA | BW | BV | BR | IO | BN | BG | BF | BI | KH | CM | CA | CV
| KY | CF | TD | CL | CN | CX | CC | CO | KM | CG | CK | CR | CI | HR |
CU | CW | CY | CZ | CD | DK | DJ | DM | DO | EC | EG | SV | GQ | ER | EE
| ET | FK | FO | FJ | FI | FR | GF | PF | TF | GA | GM | GE | DE | GH |
GI | GR | GL | GD | GP | GU | GT | GG | GN | GW | GY | HT | HM | VA | HN
| HK | HU | IS | IN | ID | IR | IQ | IE | IM | IL | IT | JM | JP | JE |

JO | KZ | KE | KI | KR | KW | KG | LA | LV | LB | LS | LR | LY | LI | LT
 | LU | MO | MK | MG | MW | MY | MV | ML | MT | MH | MQ | MR | MU | YT |
 MX | FM | MD | MC | MN | ME | MS | MA | MZ | MM | NA | NR | NP | NL | AN
 | NC | NZ | NI | NE | NG | NU | NF | MP | NO | OM | PK | PW | PS | PA |
 PG | PY | PE | PH | PN | PL | PT | PR | QA | RE | RO | RU | RW | BL | SH
 | KN | LC | MF | PM | VC | WS | SM | ST | SA | SN | RS | SC | SL | SG |
 SX | SK | SI | SB | SO | ZA | GS | SS | ES | LK | SD | SR | SJ | SZ | SE
 | CH | SY | TW | TJ | TZ | TH | TL | TG | TK | TO | TT | TN | TR | TM |
 TC | TV | UG | UA | AE | GB | UM | UY | UZ | VU | VE | VN | VG | VI | WF
 | EH | YE | ZM | ZW

Required: Yes

AwsMaturity

Indicates the customer's level of experience and adoption with AWS services. This assessment helps partners understand the customer's cloud maturity and tailor their engagement approach accordingly.

Type: String

Pattern: (?s).{1,20}

Required: No

Industry

Specifies the industry sector of the customer company associated with the lead invitation. This categorization helps partners understand the customer's business context and assess solution fit.

Type: String

Valid Values: Aerospace | Agriculture | Automotive | Computers and Electronics | Consumer Goods | Education | Energy - Oil and Gas | Energy - Power and Utilities | Financial Services | Gaming | Government | Healthcare | Hospitality | Life Sciences | Manufacturing | Marketing and Advertising | Media and Entertainment | Mining | Non-Profit Organization | Professional Services | Real Estate and Construction | Retail | Software and Internet | Telecommunications | Transportation and Logistics | Travel | Wholesale and Distribution | Other

Required: No

MarketSegment

Specifies the market segment classification of the customer, such as enterprise, mid-market, or small business. This segmentation helps partners determine the appropriate solution complexity and engagement strategy.

Type: String

Valid Values: Enterprise | Large | Medium | Small | Micro

Required: No

WebsiteUrl

The website URL of the customer company. This provides additional context about the customer organization and helps partners verify company details and assess business size and legitimacy.

Type: String

Pattern: `(?=. {4,255}$)((http|https)://)??(www[.])?([a-zA-Z0-9]|-)+?([.][a-zA-Z0-9(-|/|=|?)??]+)?`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LeadInvitationInteraction

Service: Partner Central Selling API

Represents interaction details included in a lead invitation payload. This structure provides context about how the lead was generated and the customer's engagement history to help partners assess the opportunity quality.

Contents

Note

In the following list, the required parameters are described first.

ContactBusinessTitle

The business title or job role of the customer contact involved in the lead interaction. This helps partners identify the decision-making level and engagement approach for the lead.

Type: String

Pattern: `(?s){0,80}`

Required: Yes

SourceId

The unique identifier of the specific source that generated the lead interaction. This provides traceability to the original lead generation activity for reference and follow-up purposes.

Type: String

Pattern: `(?s){1,255}`

Required: Yes

SourceName

The descriptive name of the source that generated the lead interaction. This human-readable identifier helps partners understand the specific lead generation channel or campaign that created the opportunity.

Type: String

Pattern: (?s) . {1,255}

Required: Yes

SourceType

Specifies the type of source that generated the lead interaction, such as "Event", "Website", or "Campaign". This helps partners understand the lead generation channel and assess lead quality based on the source type.

Type: String

Pattern: (?s) . {1,255}

Required: Yes

Usecase

Describes the specific use case or business scenario associated with the lead interaction. This information helps partners understand the customer's interests and potential solution requirements.

Type: String

Pattern: (?s) . {1,255}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LeadInvitationPayload

Service: Partner Central Selling API

Represents the data payload of an engagement invitation for a lead opportunity. This contains detailed information about the customer and interaction history that partners use to evaluate whether to accept the lead engagement invitation.

Contents

Note

In the following list, the required parameters are described first.

Customer

Contains information about the customer associated with the lead invitation. This data helps partners understand the customer's profile, industry, and business context to assess the lead opportunity.

Type: [LeadInvitationCustomer](#) object

Required: Yes

Interaction

Describes the interaction details associated with the lead, including the source of the lead generation and customer engagement information. This context helps partners evaluate the lead quality and engagement approach.

Type: [LeadInvitationInteraction](#) object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LifeCycle

Service: Partner Central Selling API

An object that contains the Opportunity lifecycle's details.

Contents

Note

In the following list, the required parameters are described first.

ClosedLostReason

Specifies the reason code when an opportunity is marked as *Closed Lost*. When you select an appropriate reason code, you communicate the context for closing the Opportunity, and aid in accurate reports and analysis of opportunity outcomes. The possible values are:

- Customer Deficiency: The customer lacked necessary resources or capabilities.
- Delay/Cancellation of Project: The project was delayed or canceled.
- Legal/Tax/Regulatory: Legal, tax, or regulatory issues prevented progress.
- Lost to Competitor—Google: The opportunity was lost to Google.
- Lost to Competitor—Microsoft: The opportunity was lost to Microsoft.
- Lost to Competitor—SoftLayer: The opportunity was lost to SoftLayer.
- Lost to Competitor—VMWare: The opportunity was lost to VMWare.
- Lost to Competitor—Other: The opportunity was lost to a competitor not listed above.
- No Opportunity: There was no opportunity to pursue.
- On Premises Deployment: The customer chose an on-premises solution.
- Partner Gap: The partner lacked necessary resources or capabilities.
- Price: The price was not competitive or acceptable to the customer.
- Security/Compliance: Security or compliance issues prevented progress.
- Technical Limitations: Technical limitations prevented progress.
- Customer Experience: Issues related to the customer's experience impacted the decision.
- Other: Any reason not covered by the other values.
- People/Relationship/Governance: Issues related to people, relationships, or governance.

- **Product/Technology:** Issues related to the product or technology.
- **Financial/Commercial:** Financial or commercial issues impacted the decision.

Type: String

Valid Values: Customer Deficiency | Delay / Cancellation of Project | Legal / Tax / Regulatory | Lost to Competitor - Google | Lost to Competitor - Microsoft | Lost to Competitor - SoftLayer | Lost to Competitor - VMWare | Lost to Competitor - Other | No Opportunity | On Premises Deployment | Partner Gap | Price | Security / Compliance | Technical Limitations | Customer Experience | Other | People/Relationship/Governance | Product/Technology | Financial/Commercial

Required: No

NextSteps

Specifies the upcoming actions or tasks for the Opportunity. Use this field to communicate with AWS about the next actions required for the Opportunity.

Type: String

Pattern: `(?s).{0,255}`

Required: No

NextStepsHistory

Captures a chronological record of the next steps or actions planned or taken for the current opportunity, along with the timestamp.

Type: Array of [NextStepsHistory](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

ReviewComments

Contains detailed feedback from AWS when requesting additional information from partners. Provides specific guidance on what partners need to provide or clarify for opportunity validation, complementing the ReviewStatusReason field.

Type: String

Required: No

ReviewStatus

Indicates the review status of an opportunity referred by a partner. This field is read-only and only applicable for partner referrals. The possible values are:

- Pending Submission: Not submitted for validation (editable).
- Submitted: Submitted for validation, and AWS hasn't reviewed it (read-only).
- In Review: AWS is validating (read-only).
- Action Required: Issues that AWS highlights need to be addressed. Partners should use the UpdateOpportunity API action to update the opportunity and helps to ensure that all required changes are made. Only the following fields are editable when the Lifecycle.ReviewStatus is Action Required:
 - Customer.Account.Address.City
 - Customer.Account.Address.CountryCode
 - Customer.Account.Address.PostalCode
 - Customer.Account.Address.StateOrRegion
 - Customer.Account.Address.StreetAddress
 - Customer.Account.WebsiteUrl
 - LifeCycle.TargetCloseDate
 - Project.ExpectedMonthlyAWSRevenue.Amount
 - Project.ExpectedMonthlyAWSRevenue.CurrencyCode
 - Project.CustomerBusinessProblem
 - PartnerOpportunityIdentifier

After updates, the opportunity re-enters the validation phase. This process repeats until all issues are resolved, and the opportunity's Lifecycle.ReviewStatus is set to Approved or Rejected.

- Approved: Validated and converted into the AWS seller's pipeline (editable).
- Rejected: Disqualified (read-only).

Type: String

Valid Values: Pending Submission | Submitted | In review | Approved | Rejected | Action Required

Required: No

ReviewStatusReason

Code indicating the validation decision during the AWS opportunity review. Applies when status is `Rejected` or `Action Required`. Used to document validation results for AWS Partner Referrals and indicate when additional information is needed from partners as part of the APN Customer Engagement (ACE) program.

Type: String

Required: No

Stage

Specifies the current stage of the Opportunity's lifecycle as it maps to AWS stages from the current stage in the partner CRM. This field provides a translated value of the stage, and offers insight into the Opportunity's progression in the sales cycle, according to AWS definitions.

Note

A lead and a prospect must be further matured to a `Qualified` opportunity before submission. Opportunities that were closed/lost before submission aren't suitable for submission.

The descriptions of each sales stage are:

- **Prospect:** AWS identifies the opportunity. It can be active (Comes directly from the end customer through a lead) or latent (Your account team believes it exists based on research, account plans, sales plays).
- **Qualified:** Your account team engaged with the customer to discuss viability and requirements. The customer agreed that the opportunity is real, of interest, and may solve business/technical needs.
- **Technical Validation:** All parties understand the implementation plan.
- **Business Validation:** Pricing was proposed, and all parties agree to the steps to close.
- **Committed:** The customer signed the contract, but AWS hasn't started billing.
- **Launched:** The workload is complete, and AWS has started billing.
- **Closed Lost:** The opportunity is lost, and there are no steps to move forward.

Type: String

Valid Values: Prospect | Qualified | Technical Validation | Business Validation | Committed | Launched | Closed Lost

Required: No

TargetCloseDate

Specifies the date when AWS expects to start significant billing, when the project finishes, and when it moves into production. This field informs the AWS seller about when the opportunity launches and starts to incur AWS usage.

Ensure the Target Close Date isn't in the past.

Type: String

Pattern: [1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LifeCycleForView

Service: Partner Central Selling API

Provides the lifecycle view of an opportunity resource shared through a snapshot.

Contents

Note

In the following list, the required parameters are described first.

NextSteps

Describes the next steps for the opportunity shared through a snapshot.

Type: String

Pattern: `(?s).{0,255}`

Required: No

ReviewStatus

Defines the approval status of the opportunity shared through a snapshot.

Type: String

Valid Values: Pending Submission | Submitted | In review | Approved | Rejected | Action Required

Required: No

Stage

Defines the current stage of the opportunity shared through a snapshot.

Type: String

Valid Values: Prospect | Qualified | Technical Validation | Business Validation | Committed | Launched | Closed Lost

Required: No

TargetCloseDate

The projected launch date of the opportunity shared through a snapshot.

Type: String

Pattern: `[1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LifeCycleSummary

Service: Partner Central Selling API

An object that contains a `LifeCycle` object's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

ClosedLostReason

Specifies the reason code when an opportunity is marked as *Closed Lost*. When you select an appropriate reason code, you communicate the context for closing the Opportunity, and aid in accurate reports and analysis of opportunity outcomes.

Type: String

Valid Values: Customer Deficiency | Delay / Cancellation of Project | Legal / Tax / Regulatory | Lost to Competitor - Google | Lost to Competitor - Microsoft | Lost to Competitor - SoftLayer | Lost to Competitor - VMWare | Lost to Competitor - Other | No Opportunity | On Premises Deployment | Partner Gap | Price | Security / Compliance | Technical Limitations | Customer Experience | Other | People/Relationship/Governance | Product/Technology | Financial/Commercial

Required: No

NextSteps

Specifies the upcoming actions or tasks for the Opportunity. This field is utilized to communicate to AWS the next actions required for the Opportunity.

Type: String

Pattern: `(?s).{0,255}`

Required: No

ReviewComments

Indicates why an opportunity was sent back for further details. Partners must take corrective action based on the ReviewComments.

Type: String

Required: No

ReviewStatus

Indicates the review status of a partner referred opportunity. This field is read-only and only applicable for partner referrals. Valid values:

- Pending Submission: Not submitted for validation (editable).
- Submitted: Submitted for validation and not yet AWS reviewed (read-only).
- In Review: Undergoing AWS validation (read-only).
- Action Required: Address any issues AWS highlights. Use the UpdateOpportunity API action to update the opportunity, and ensure you make all required changes. Only these fields are editable when the Lifecycle.ReviewStatus is Action Required:
 - Customer.Account.Address.City
 - Customer.Account.Address.CountryCode
 - Customer.Account.Address.PostalCode
 - Customer.Account.Address.StateOrRegion
 - Customer.Account.Address.StreetAddress
 - Customer.Account.WebsiteUrl
 - LifeCycle.TargetCloseDate
 - Project.ExpectedCustomerSpend.Amount
 - Project.ExpectedCustomerSpend.CurrencyCode
 - Project.CustomerBusinessProblem
 - PartnerOpportunityIdentifier

After updates, the opportunity re-enters the validation phase. This process repeats until all issues are resolved, and the opportunity's Lifecycle.ReviewStatus is set to Approved or Rejected.

- Approved: Validated and converted into the AWS seller's pipeline (editable).
- Rejected: Disqualified (read-only).

Type: String

Valid Values: Pending Submission | Submitted | In review | Approved | Rejected | Action Required

Required: No

ReviewStatusReason

Indicates the reason a specific decision was taken during the opportunity review process. This field combines the reasons for both disqualified and action required statuses, and provides clarity for why an opportunity was disqualified or required further action.

Type: String

Required: No

Stage

Specifies the current stage of the Opportunity's lifecycle as it maps to AWS stages from the current stage in the partner CRM. This field provides a translated value of the stage, and offers insight into the Opportunity's progression in the sales cycle, according to AWS definitions.

Note

A lead and a prospect must be further matured to a Qualified opportunity before submission. Opportunities that were closed/lost before submission aren't suitable for submission.

The descriptions of each sales stage are:

- **Prospect:** AWS identifies the opportunity. It can be active (Comes directly from the end customer through a lead) or latent (Your account team believes it exists based on research, account plans, sales plays).
- **Qualified:** Your account team engaged with the customer to discuss viability and understand requirements. The customer agreed that the opportunity is real, of interest, and may solve business/technical needs.
- **Technical Validation:** All parties understand the implementation plan.
- **Business Validation:** Pricing was proposed, and all parties agree to the steps to close.
- **Committed:** The customer signed the contract, but AWS hasn't started billing.

- **Launched:** The workload is complete, and AWS has started billing.
- **Closed Lost:** The opportunity is lost, and there are no steps to move forward.

Type: String

Valid Values: Prospect | Qualified | Technical Validation | Business Validation | Committed | Launched | Closed Lost

Required: No

TargetCloseDate

Specifies the date when AWS expects to start significant billing, when the project finishes, and when it moves into production. This field informs the AWS seller about when the opportunity launches and starts to incur AWS usage.

Ensure the Target Close Date isn't in the past.

Type: String

Pattern: [1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListEngagementByAcceptingInvitationTaskSummary

Service: Partner Central Selling API

Specifies a subset of fields associated with tasks related to accepting an engagement invitation.

Contents

Note

In the following list, the required parameters are described first.

EngagementInvitationId

The unique identifier of the engagement invitation that was accepted.

Type: String

Pattern: `engi-[0-9,a-z]{13}`

Required: No

Message

Detailed message describing the failure and possible recovery steps.

Type: String

Required: No

OpportunityId

Unique identifier of opportunity that was created.

Type: String

Pattern: `0[0-9]{1,19}`

Required: No

ReasonCode

A code pointing to the specific reason for the failure.

Type: String

Valid Values: InvitationAccessDenied | InvitationValidationFailed
| EngagementAccessDenied | OpportunityAccessDenied |
ResourceSnapshotJobAccessDenied | ResourceSnapshotJobValidationFailed
| ResourceSnapshotJobConflict | EngagementValidationFailed
| EngagementConflict | OpportunitySubmissionFailed
| EngagementInvitationConflict | InternalError |
OpportunityValidationFailed | OpportunityConflict |
ResourceSnapshotAccessDenied | ResourceSnapshotValidationFailed |
ResourceSnapshotConflict | ServiceQuotaExceeded | RequestThrottled
| ContextNotFound | CustomerProjectContextNotPermitted |
DisqualifiedLeadNotPermitted

Required: No

ResourceSnapshotJobId

Unique identifier of the resource snapshot job that was created.

Type: String

Pattern: job-[0-9a-z]{13}

Required: No

StartTime

Task start timestamp.

Type: Timestamp

Required: No

TaskArn

The Amazon Resource Name (ARN) that uniquely identifies the task.

Type: String

Pattern: arn:.*

Required: No

TaskId

Unique identifier of the task.

Type: String

Pattern: `.*task-[0-9a-z]{13}`

Required: No

TaskStatus

Status of the task.

Type: String

Valid Values: IN_PROGRESS | COMPLETE | FAILED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListEngagementFromOpportunityTaskSummary

Service: Partner Central Selling API

Provides a summary of a task related to creating an engagement from an opportunity. This structure contains key information about the task's status, associated identifiers, and any failure details.

Contents

Note

In the following list, the required parameters are described first.

EngagementId

The unique identifier of the engagement created as a result of the task. This field is populated when the task is completed successfully.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: No

EngagementInvitationId

The unique identifier of the Engagement Invitation.

Type: String

Pattern: engi-[0-9,a-z]{13}

Required: No

Message

A detailed message providing additional information about the task, especially useful in case of failures. This field may contain error details or other relevant information about the task's execution

Type: String

Required: No

OpportunityId

The unique identifier of the original Opportunity from which the Engagement is being created. This field helps track the source of the Engagement creation task.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

ReasonCode

A code indicating the specific reason for a task failure. This field is populated when the task status is FAILED and provides a categorized reason for the failure.

Type: String

Valid Values: InvitationAccessDenied | InvitationValidationFailed
| EngagementAccessDenied | OpportunityAccessDenied |
ResourceSnapshotJobAccessDenied | ResourceSnapshotJobValidationFailed
| ResourceSnapshotJobConflict | EngagementValidationFailed
| EngagementConflict | OpportunitySubmissionFailed
| EngagementInvitationConflict | InternalError |
OpportunityValidationFailed | OpportunityConflict |
ResourceSnapshotAccessDenied | ResourceSnapshotValidationFailed |
ResourceSnapshotConflict | ServiceQuotaExceeded | RequestThrottled
| ContextNotFound | CustomerProjectContextNotPermitted |
DisqualifiedLeadNotPermitted

Required: No

ResourceSnapshotJobId

The identifier of the resource snapshot job associated with this task, if a snapshot was created as part of the Engagement creation process.

Type: String

Pattern: job-[0-9a-z]{13}

Required: No

StartTime

The timestamp indicating when the task was initiated, in RFC 3339 5.6 date-time format.

Type: Timestamp

Required: No

TaskArn

The Amazon Resource Name (ARN) uniquely identifying this task within AWS. This ARN can be used for referencing the task in other AWS services or APIs.

Type: String

Pattern: `arn:.*`

Required: No

TaskId

A unique identifier for a specific task.

Type: String

Pattern: `.*task-[0-9a-z]{13}`

Required: No

TaskStatus

The current status of the task.

Type: String

Valid Values: `IN_PROGRESS` | `COMPLETE` | `FAILED`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListOpportunityFromEngagementTaskSummary

Service: Partner Central Selling API

Provides a summary of a task related to creating an opportunity from an engagement. This structure contains key information about the task's status, associated identifiers, and any failure details for opportunity creation processes.

Contents

Note

In the following list, the required parameters are described first.

ContextId

The unique identifier of the engagement context associated with the opportunity creation task. This links the task to specific contextual information within the engagement.

Type: String

Pattern: [1-9][0-9]*

Required: No

EngagementId

The unique identifier of the engagement from which the opportunity is being created. This field helps track the source of the opportunity creation task.

Type: String

Pattern: eng-[0-9a-z]{14}

Required: No

Message

A detailed message providing additional information about the task, especially useful in case of failures. This field may contain error details or other relevant information about the task's execution.

Type: String

Required: No

OpportunityId

The unique identifier of the opportunity created as a result of the task. This field is populated when the task is completed successfully.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

ReasonCode

A code indicating the specific reason for a task failure. This field is populated when the task status is FAILED and provides a categorized reason for the failure.

Type: String

Valid Values: InvitationAccessDenied | InvitationValidationFailed
| EngagementAccessDenied | OpportunityAccessDenied |
ResourceSnapshotJobAccessDenied | ResourceSnapshotJobValidationFailed
| ResourceSnapshotJobConflict | EngagementValidationFailed
| EngagementConflict | OpportunitySubmissionFailed
| EngagementInvitationConflict | InternalError |
OpportunityValidationFailed | OpportunityConflict |
ResourceSnapshotAccessDenied | ResourceSnapshotValidationFailed |
ResourceSnapshotConflict | ServiceQuotaExceeded | RequestThrottled
| ContextNotFound | CustomerProjectContextNotPermitted |
DisqualifiedLeadNotPermitted

Required: No

ResourceSnapshotJobId

The identifier of the resource snapshot job associated with this task, if a snapshot was created as part of the opportunity creation process.

Type: String

Pattern: job-[0-9a-z]{13}

Required: No

StartTime

The timestamp indicating when the task was initiated, in RFC 3339 format.

Type: Timestamp

Required: No

TaskArn

The Amazon Resource Name (ARN) that uniquely identifies the task within AWS. This ARN can be used for referencing the task in other AWS services or APIs.

Type: String

Pattern: `arn:.*`

Required: No

TaskId

The unique identifier of the task for creating an opportunity from an engagement.

Type: String

Pattern: `.*task-[0-9a-z]{13}`

Required: No

TaskStatus

The current status of the task. Valid values are COMPLETE, INPROGRESS, or FAILED.

Type: String

Valid Values: IN_PROGRESS | COMPLETE | FAILED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListTasksSortBase

Service: Partner Central Selling API

Defines the sorting parameters for listing tasks. This structure allows for specifying the field to sort by and the order of sorting.

Contents

Note

In the following list, the required parameters are described first.

SortBy

Specifies the field by which the task list should be sorted.

Type: String

Valid Values: StartTime

Required: Yes

SortOrder

Determines the order in which the sorted results are presented.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Marketing

Service: Partner Central Selling API

An object that contains marketing details for the Opportunity.

Contents

Note

In the following list, the required parameters are described first.

AwsFundingUsed

Indicates if the Opportunity is a marketing development fund (MDF) funded activity.

Type: String

Valid Values: Yes | No

Required: No

CampaignName

Specifies the Opportunity marketing campaign code. The AWS campaign code is a reference to specific marketing initiatives, promotions, or activities. This field captures the identifier used to track and categorize the Opportunity within marketing campaigns. If you don't have a campaign code, contact your AWS point of contact to obtain one.

Type: String

Required: No

Channels

Specifies the Opportunity's channel that the marketing activity is associated with or was contacted through. This field provides information about the specific marketing channel that contributed to the generation of the lead or contact.

Type: Array of strings

Valid Values: AWS Marketing Central | Content Syndication | Display | Email | Live Event | Out Of Home (OOH) | Print | Search | Social | Telemarketing | TV | Video | Virtual Event

Required: No

Source

Indicates if the Opportunity was sourced from an AWS marketing activity. Use the value `Marketing Activity`. Use `None` if it's not associated with an AWS marketing activity. This field helps AWS track the return on marketing investments and enables better distribution of marketing budgets among partners.

Type: String

Valid Values: `Marketing Activity` | `None`

Required: No

UseCases

Specifies the marketing activity use case or purpose that led to the Opportunity's creation or contact. This field captures the context or marketing activity's execution's intention and the direct correlation to the generated opportunity or contact. Must be empty when `Marketing.AWSFundingUsed = No`.

Valid values: `AI/ML` | `Analytics` | `Application Integration` | `Blockchain` | `Business Applications` | `Cloud Financial Management` | `Compute` | `Containers` | `Customer Engagement` | `Databases` | `Developer Tools` | `End User Computing` | `Front End Web & Mobile` | `Game Tech` | `IoT` | `Management & Governance` | `Media Services` | `Migration & Transfer` | `Networking & Content Delivery` | `Quantum Technologies` | `Robotics` | `Satellite` | `Security` | `Serverless` | `Storage` | `VR & AR`

Type: Array of strings

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

MonetaryValue

Service: Partner Central Selling API

Specifies payments details.

Contents

Note

In the following list, the required parameters are described first.

Amount

Specifies the payment amount.

Type: String

Pattern: `(0|([1-9][0-9]{0,30}))(\.[0-9]{0,2})?`

Required: Yes

CurrencyCode

Specifies the payment currency. Accepted values are USD (US Dollars) and EUR (Euros). If the AWS Partition is `aws-eusc` (AWS European Sovereign Cloud), the currency code must be EUR.

Type: String

Valid Values: USD | EUR | GBP | AUD | CAD | CNY | NZD | INR | JPY | CHF | SEK | AED | AFN | ALL | AMD | ANG | AOA | ARS | AWG | AZN | BAM | BBD | BDT | BGN | BHD | BIF | BMD | BND | BOB | BOV | BRL | BSD | BTN | BWP | BYN | BZD | CDF | CHE | CHW | CLF | CLP | COP | COU | CRC | CUC | CUP | CVE | CZK | DJF | DKK | DOP | DZD | EGP | ERN | ETB | FJD | FKP | GEL | GHS | GIP | GMD | GNF | GTQ | GYD | HKD | HNL | HRK | HTG | HUF | IDR | ILS | IQD | IRR | ISK | JMD | JOD | KES | KGS | KHR | KMF | KPW | KRW | KWD | KYD | KZT | LAK | LBP | LKR | LRD | LSL | LYD | MAD | MDL | MGA | MKD | MMK | MNT | MOP | MRU | MUR | MVR | MWK | MXN | MXV | MYR | MZN | NAD | NGN | NIO | NOK | NPR | OMR | PAB | PEN | PGK | PHP | PKR | PLN | PYG | QAR | RON | RSD | RUB | RWF | SAR | SBD | SCR | SDG | SGD | SHP |

SLL | SOS | SRD | SSP | STN | SVC | SYP | SZL | THB | TJS | TMT | TND |
TOP | TRY | TTD | TWD | TZS | UAH | UGX | USN | UYI | UYU | UZS | VEF |
VND | VUV | WST | XAF | XCD | XDR | XOF | XPF | XSU | XUA | YER | ZAR |
ZMW | ZWL

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NextStepsHistory

Service: Partner Central Selling API

Read-only; shows the last 50 values and change dates for the NextSteps field.

Contents

Note

In the following list, the required parameters are described first.

Time

Indicates the step execution time.

Type: Timestamp

Required: Yes

Value

Indicates the step's execution details.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OpportunityEngagementInvitationSort

Service: Partner Central Selling API

Defines sorting options for retrieving Engagement Invitations. Sorting can be done based on various criteria like the invitation date or status.

Contents

Note

In the following list, the required parameters are described first.

SortBy

Specifies the field by which the Engagement Invitations are sorted. Common values include `InvitationDate` and `Status`.

Type: String

Valid Values: `InvitationDate`

Required: Yes

SortOrder

Defines the order in which the Engagement Invitations are sorted. The values can be `ASC` (ascending) or `DESC` (descending).

Type: String

Valid Values: `ASCENDING` | `DESCENDING`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OpportunityInvitationPayload

Service: Partner Central Selling API

Represents the data payload of an Engagement Invitation for a specific opportunity. This contains detailed information that partners use to evaluate the engagement.

Contents

Note

In the following list, the required parameters are described first.

Customer

Contains information about the customer related to the opportunity in the Engagement Invitation. This data helps partners understand the customer's profile and requirements.

Type: [EngagementCustomer](#) object

Required: Yes

Project

Describes the project details associated with the opportunity, including the customer's needs and the scope of work expected to be performed.

Type: [ProjectDetails](#) object

Required: Yes

ReceiverResponsibilities

Outlines the responsibilities or expectations of the receiver in the context of the invitation.

Type: Array of strings

Valid Values: Distributor | Reseller | Hardware Partner | Managed Service Provider | Software Partner | Services Partner | Training Partner | Co-Sell Facilitator | Facilitator

Required: Yes

SenderContacts

Represents the contact details of the AWS representatives involved in sending the Engagement Invitation. These contacts are opportunity stakeholders.

Type: Array of [SenderContact](#) objects

Array Members: Minimum number of 1 item. Maximum number of 3 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OpportunitySort

Service: Partner Central Selling API

Object that configures response sorting.

Contents

Note

In the following list, the required parameters are described first.

SortBy

Field name to sort by.

Type: String

Valid Values: LastModifiedDate | Identifier | CustomerCompanyName |
CreatedDate | TargetCloseDate

Required: Yes

SortOrder

Sort order.

Default: Descending

Type: String

Valid Values: ASCENDING | DESCENDING

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OpportunitySummary

Service: Partner Central Selling API

An object that contains an Opportunity's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog associated with the opportunity, either AWS or Sandbox. This indicates the environment in which the opportunity is managed.

Type: String

Pattern: `[a-zA-Z]+`

Required: Yes

Arn

The Amazon Resource Name (ARN) for the opportunity. This globally unique identifier can be used for IAM policies and cross-service references.

Type: String

Pattern: `arn:.*`

Required: No

CreatedDate

DateTime when the Opportunity was last created.

Type: Timestamp

Required: No

Customer

An object that contains the Opportunity's customer details.

Type: [CustomerSummary](#) object

Required: No

Id

Read-only, system-generated Opportunity unique identifier.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

LastModifiedDate

DateTime when the Opportunity was last modified.

Type: Timestamp

Required: No

LifeCycle

An object that contains the Opportunity's lifecycle details.

Type: [LifeCycleSummary](#) object

Required: No

OpportunityType

Specifies opportunity type as a renewal, new, or expansion.

Opportunity types:

- **New Opportunity:** Represents a new business opportunity with a potential customer that's not previously engaged with your solutions or services.
- **Renewal Opportunity:** Represents an opportunity to renew an existing contract or subscription with a current customer, ensuring continuity of service.
- **Expansion Opportunity:** Represents an opportunity to expand the scope of an existing contract or subscription, either by adding new services or increasing the volume of existing services for a current customer.

Type: String

Valid Values: Net New Business | Flat Renewal | Expansion

Required: No

PartnerOpportunityIdentifier

Specifies the Opportunity's unique identifier in the partner's CRM system. This value is essential to track and reconcile because it's included in the outbound payload sent back to the partner. It allows partners to link an opportunity to their CRM.

Type: String

Required: No

Project

An object that contains the Opportunity's project details summary.

Type: [ProjectSummary](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OpportunitySummaryView

Service: Partner Central Selling API

Provides a comprehensive view of an opportunity summary, including lifecycle information, team details, opportunity type, primary needs from AWS, and associated project information.

Contents

Note

In the following list, the required parameters are described first.

Customer

An object that contains the customer's Account and Contact.

Type: [Customer](#) object

Required: No

Lifecycle

Contains information about the opportunity's lifecycle, including its current stage, status, and important dates such as creation and last modification times.

Type: [LifeCycleForView](#) object

Required: No

OpportunityTeam

Represents the internal team handling the opportunity. Specify the members involved in collaborating on an opportunity within the partner's organization.

Type: Array of [Contact](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

OpportunityType

Specifies the opportunity type.

Type: String

Valid Values: Net New Business | Flat Renewal | Expansion

Required: No

PrimaryNeedsFromAws

Identifies the type of support the partner needs from AWS.

Type: Array of strings

Valid Values: Co-Sell - Architectural Validation | Co-Sell - Business Presentation | Co-Sell - Competitive Information | Co-Sell - Pricing Assistance | Co-Sell - Technical Consultation | Co-Sell - Total Cost of Ownership Evaluation | Co-Sell - Deal Support | Co-Sell - Support for Public Tender / RFx

Required: No

Project

Contains summary information about the project associated with the opportunity, including project name, description, timeline, and other relevant details.

Type: [ProjectView](#) object

Required: No

RelatedEntityIdentifiers

This field provides the associations' information for other entities with the opportunity. These entities include identifiers for AWSProducts, Partner Solutions, and AWSMarketplaceOffers.

Type: [RelatedEntityIdentifiers](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Payload

Service: Partner Central Selling API

Contains the data payload associated with the Engagement Invitation. This payload includes essential details related to the AWS opportunity and is used by partners to evaluate whether to accept or reject the engagement.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

LeadInvitation

Specifies the details of the lead invitation within the Engagement Invitation payload. This data helps partners understand the lead context, customer information, and interaction history for the lead opportunity from AWS.

Type: [LeadInvitationPayload](#) object

Required: No

OpportunityInvitation

Specifies the details of the opportunity invitation within the Engagement Invitation payload. This data helps partners understand the context, scope, and expected involvement for the opportunity from AWS.

Type: [OpportunityInvitationPayload](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileNextStepsHistory

Service: Partner Central Selling API

Tracks the history of next steps associated with the opportunity. This field captures the actions planned for the future and their timeline.

Contents

Note

In the following list, the required parameters are described first.

Time

Indicates the date and time when a particular next step was recorded or planned. This helps in managing the timeline for the opportunity.

Type: Timestamp

Required: Yes

Value

Represents the details of the next step recorded, such as follow-up actions or decisions made. This field helps in tracking progress and ensuring alignment with project goals.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Project

Service: Partner Central Selling API

An object that contains the Opportunity's project details.

Contents

Note

In the following list, the required parameters are described first.

AdditionalComments

Captures additional comments or information for the Opportunity that weren't captured in other fields.

Type: String

Pattern: `(?s).{1,255}`

Required: No

ApnPrograms

Specifies the Amazon Partner Network (APN) program that influenced the Opportunity. APN programs refer to specific partner programs or initiatives that can impact the Opportunity.

Valid values: APN Immersion Days | APN Solution Space | AT0 (Authority to Operate) | AWS Marketplace Campaign | IS Immersion Day SFID Program | ISV Workload Migration | Migration Acceleration Program | P3 | Partner Launch Initiative | Partner Opportunity Acceleration Funded | The Next Smart | VMware Cloud on AWS | Well-Architected | Windows | Workspaces/AppStream Accelerator Program | WWPS NDPP

Type: Array of strings

Required: No

AwsPartition

AWS partition where the opportunity will be deployed. Possible values: `aws-eusc` for AWS European Sovereign Cloud, `null` for all other partitions.

Type: String

Valid Values: aws-eusc

Required: No

CompetitorName

Name of the Opportunity's competitor (if any). Use Other to submit a value not in the picklist.

Type: String

Valid Values: Oracle Cloud | On-Prem | Co-location | Akamai | AliCloud | Google Cloud Platform | IBM Softlayer | Microsoft Azure | Other- Cost Optimization | No Competition | *Other

Required: No

CustomerBusinessProblem

Describes the problem the end customer has, and how the partner is helping. Utilize this field to provide a concise narrative that outlines the customer's business challenge or issue. Elaborate on how the partner's solution or offerings align to resolve the customer's business problem. Include relevant information about the partner's value proposition, unique selling points, and expertise to tackle the issue. Offer insights on how the proposed solution meets the customer's needs and provides value. Use concise language and precise descriptions to convey the context and significance of the Opportunity. The content in this field helps AWS understand the nature of the Opportunity and the strategic fit of the partner's solution.

Type: String

Pattern: (?s){20,2000}

Required: No

CustomerUseCase

Specifies the proposed solution focus or type of workload for the Opportunity. This field captures the primary use case or objective of the proposed solution, and provides context and clarity to the addressed workload.

Valid values: AI Machine Learning and Analytics | Archiving | Big Data: Data Warehouse/Data Integration/ETL/Data Lake/BI | Blockchain | Business

Applications: Mainframe Modernization | Business Applications & Contact Center | Business Applications & SAP Production | Centralized Operations Management | Cloud Management Tools | Cloud Management Tools & DevOps with Continuous Integration & Continuous Delivery (CI/CD) | Configuration, Compliance & Auditing | Connected Services | Containers & Serverless | Content Delivery & Edge Services | Database | Edge Computing/End User Computing | Energy | Enterprise Governance & Controls | Enterprise Resource Planning | Financial Services | Healthcare and Life Sciences | High Performance Computing | Hybrid Application Platform | Industrial Software | IOT | Manufacturing, Supply Chain and Operations | Media & High performance computing (HPC) | Migration/ Database Migration | Monitoring, logging and performance | Monitoring & Observability | Networking | Outpost | SAP | Security & Compliance | Storage & Backup | Training | VMC | VMWare | Web development & DevOps

Type: String

Required: No

DeliveryModels

Specifies the deployment or consumption model for your solution or service in the Opportunity's context. You can select multiple options.

Options' descriptions from the Delivery Model field are:

- SaaS or PaaS: Your AWS based solution deployed as SaaS or PaaS in your AWS environment.
- BYOL or AMI: Your AWS based solution deployed as BYOL or AMI in the end customer's AWS environment.
- Managed Services: The end customer's AWS business management (For example: Consulting, design, implementation, billing support, cost optimization, technical support).
- Professional Services: Offerings to help enterprise end customers achieve specific business outcomes for enterprise cloud adoption (For example: Advisory or transformation planning).
- Resell: AWS accounts and billing management for your customers.
- Other: Delivery model not described above.

Type: Array of strings

Valid Values: SaaS or PaaS | BYOL or AMI | Managed Services | Professional Services | Resell | Other

Required: No

ExpectedContractDuration

Optional. The expected duration of the contract associated with this opportunity. Partners use this value alongside expected customer spend to convert Total Contract Value (TCV) into Monthly Recurring Revenue (MRR).

Type: [ExpectedContractDuration](#) object

Required: No

ExpectedCustomerSpend

Represents the estimated amount that the customer is expected to spend on AWS services related to the opportunity. This helps in evaluating the potential financial value of the opportunity for AWS.

Type: Array of [ExpectedCustomerSpend](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

OtherCompetitorNames

Only allowed when CompetitorNames has Other selected.

Type: String

Pattern: `(?s).{0,255}`

Required: No

OtherSolutionDescription

Specifies the offered solution for the customer's business problem when the RelatedEntityIdentifiers.Solutions field value is Other.

Type: String

Pattern: `(?s).{0,255}`

Required: No

RelatedOpportunityIdentifier

Specifies the current opportunity's parent opportunity identifier.

Type: String

Pattern: 0[0-9]{1,19}

Required: No

SalesActivities

Specifies the Opportunity's sales activities conducted with the end customer. These activities help drive AWS assignment priority.

Valid values:

- **Initialized discussions with customer:** Initial conversations with the customer to understand their needs and introduce your solution.
- **Customer has shown interest in solution:** After initial discussions, the customer is interested in your solution.
- **Conducted POC/demo:** You conducted a proof of concept (POC) or demonstration of the solution for the customer.
- **In evaluation/planning stage:** The customer is evaluating the solution and planning potential implementation.
- **Agreed on solution to Business Problem:** Both parties agree on how the solution addresses the customer's business problem.
- **Completed Action Plan:** A detailed action plan is complete and outlines the steps for implementation.
- **Finalized Deployment Need:** Both parties agree with and finalized the deployment needs.
- **SOW Signed:** Both parties signed a statement of work (SOW), and formalize the agreement and detail the project scope and deliverables.

Type: Array of strings

Valid Values: Initialized discussions with customer | Customer has shown interest in solution | Conducted POC / Demo | In evaluation / planning stage | Agreed on solution to Business Problem | Completed Action Plan | Finalized Deployment Need | SOW Signed

Required: No

Title

Specifies the Opportunity's title or name.

Type: String

Pattern: `(?s) . {0,255}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProjectDetails

Service: Partner Central Selling API

Contains details about the project associated with the Engagement Invitation, including the business problem and expected outcomes.

Contents

Note

In the following list, the required parameters are described first.

BusinessProblem

Describes the business problem that the project aims to solve. This information is crucial for understanding the project's goals and objectives.

Type: String

Pattern: `(?s) . {20,2000}`

Required: Yes

ExpectedCustomerSpend

Contains revenue estimates for the partner related to the project. This field provides an idea of the financial potential of the opportunity for the partner.

Type: Array of [ExpectedCustomerSpend](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: Yes

TargetCompletionDate

Specifies the estimated date of project completion. This field helps track the project timeline and manage expectations.

Type: String

Pattern: `[1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])`

Required: Yes

Title

Specifies the title of the project. This title helps partners quickly identify and understand the focus of the project.

Type: String

Pattern: `(?s){1,255}`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProjectSummary

Service: Partner Central Selling API

An object that contains a `Project` object's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

DeliveryModels

Specifies your solution or service's deployment or consumption model in the Opportunity's context. You can select multiple options.

Options' descriptions from the `Delivery Model` field are:

- **SaaS or PaaS:** Your AWS based solution deployed as SaaS or PaaS in your AWS environment.
- **BYOL or AMI:** Your AWS based solution deployed as BYOL or AMI in the end customer's AWS environment.
- **Managed Services:** The end customer's AWS business management (For example: Consulting, design, implementation, billing support, cost optimization, technical support).
- **Professional Services:** Offerings to help enterprise end customers achieve specific business outcomes for enterprise cloud adoption (For example: Advisory or transformation planning).
- **Resell:** AWS accounts and billing management for your customers.
- **Other:** Delivery model not described above.

Type: Array of strings

Valid Values: `SaaS` or `PaaS` | `BYOL` or `AMI` | `Managed Services` | `Professional Services` | `Resell` | `Other`

Required: No

ExpectedContractDuration

Optional. The expected contract duration for this opportunity, representing the anticipated length of the contract in the unit specified by `Term`.

Type: [ExpectedContractDuration](#) object

Required: No

ExpectedCustomerSpend

Provides a summary of the expected customer spend for the project, offering a high-level view of the potential financial impact.

Type: Array of [ExpectedCustomerSpend](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProjectView

Service: Partner Central Selling API

Provides the project view of an opportunity resource shared through a snapshot.

Contents

Note

In the following list, the required parameters are described first.

CustomerUseCase

Specifies the proposed solution focus or type of workload for the project.

Type: String

Required: No

DeliveryModels

Describes the deployment or consumption model for the partner solution or offering. This field indicates how the project's solution will be delivered or implemented for the customer.

Type: Array of strings

Valid Values: SaaS or PaaS | BYOL or AMI | Managed Services | Professional Services | Resell | Other

Required: No

ExpectedContractDuration

Optional. The expected contract duration for this opportunity, representing the anticipated length of the contract in the unit specified by Term.

Type: [ExpectedContractDuration](#) object

Required: No

ExpectedCustomerSpend

Provides information about the anticipated customer spend related to this project. This may include details such as amount, frequency, and currency of expected expenditure.

Type: Array of [ExpectedCustomerSpend](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

OtherSolutionDescription

Offers a description of other solutions if the standard solutions do not adequately cover the project's scope.

Type: String

Pattern: `(?s).{0,255}`

Required: No

SalesActivities

Lists the pre-sales activities that have occurred with the end-customer related to the opportunity. This field is conditionally mandatory when the project is qualified for Co-Sell and helps drive assignment priority on the AWS side. It provides insight into the engagement level with the customer.

Type: Array of strings

Valid Values: Initialized discussions with customer | Customer has shown interest in solution | Conducted POC / Demo | In evaluation / planning stage | Agreed on solution to Business Problem | Completed Action Plan | Finalized Deployment Need | SOW Signed

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Receiver

Service: Partner Central Selling API

Represents the entity that received the Engagement Invitation, including account and company details. This field is essential for tracking the partner who is being invited to collaborate.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

Account

Specifies the AWS account of the partner who received the Engagement Invitation. This field is used to track the invitation recipient within the AWS ecosystem.

Type: [AccountReceiver](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RelatedEntityIdentifiers

Service: Partner Central Selling API

This field provides the associations' information for other entities with the opportunity. These entities include identifiers for `AWSPRODUCTS`, `PARTNER SOLUTIONS`, and `AWSMARKETPLACEOFFERS`.

Contents

Note

In the following list, the required parameters are described first.

`AWSMarketplaceOffers`

Takes one value per opportunity. Each value is an Amazon Resource Name (ARN), in this format: `"offers": ["arn:aws:aws-marketplace:us-east-1:999999999999:AWSMarketplace/Offer/offer-sampleOffer32"]`.

Use the [ListEntities](#) action in the Marketplace Catalog APIs for a list of offers in the associated Marketplace seller account.

Type: Array of strings

Pattern: `arn:aws:aws-marketplace:[a-z]{1,2}-[a-z]*-\d+:\d{12}:AWSMarketplace/Offer/.*`

Required: No

`AWSMarketplaceOfferSets`

Enables the association of AWS Marketplace offer sets with the Opportunity. Offer sets allow grouping multiple related marketplace offers together for comprehensive solution packaging. Each value is an Amazon Resource Name (ARN) in this format: `arn:aws:aws-marketplace:us-east-1:999999999999:AWSMarketplace/OfferSet/offerset-sampleOfferSet32`.

Type: Array of strings

Pattern: `arn:aws:aws-marketplace:[a-z]{1,2}-[a-z]*-\d+:\d{12}:AWSMarketplace/OfferSet/offerset-.*`

Required: No

AwsProducts

Enables the association of specific AWS products with the Opportunity. Partners can indicate the relevant AWS products for the Opportunity's solution and align with the customer's needs. Returns multiple values separated by commas. For example, "AWSProducts" : ["AmazonRedshift", "AWSAppFabric", "AWSCleanRooms"].

Use the file with the list of AWS products hosted on GitHub: [AWS products](#).

Type: Array of strings

Required: No

Solutions

Enables partner solutions or offerings' association with an opportunity. To associate a solution, provide the solution's unique identifier, which you can obtain with the `ListSolutions` operation.

If the specific solution identifier is not available, you can use the value `Other` and provide details about the solution in the `otherSolutionOffered` field. But when the opportunity reaches the `Committed` stage or beyond, the `Other` value cannot be used, and a valid solution identifier must be provided.

By associating the relevant solutions with the opportunity, you can communicate the offerings that are being considered or implemented to address the customer's business problem.

Type: Array of strings

Pattern: S-[0-9]{1,19}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

ResourceSnapshotJobSummary

Service: Partner Central Selling API

An object that contains a Resource Snapshot Job's subset of fields.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) for the resource snapshot job.

Type: String

Pattern: `arn:.*`

Required: No

EngagementId

The unique identifier of the Engagement.

Type: String

Pattern: `eng-[0-9a-z]{14}`

Required: No

Id

The unique identifier for the resource snapshot job within the AWS Partner Central system. This ID is used for direct references to the job within the service.

Type: String

Pattern: `job-[0-9a-z]{13}`

Required: No

Status

The current status of the snapshot job.

Valid values:

- STOPPED: The job is not currently running.
- RUNNING: The job is actively executing.

Type: String

Valid Values: Running | Stopped

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ResourceSnapshotPayload

Service: Partner Central Selling API

Represents the payload of a resource snapshot. This structure is designed to accommodate different types of resource snapshots, currently supporting opportunity summaries.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

AwsOpportunitySummaryFullView

Provides a comprehensive view of AwsOpportunitySummaryFullView template.

Type: [AwsOpportunitySummaryFullView](#) object

Required: No

OpportunitySummary

An object that contains an opportunity's subset of fields.

Type: [OpportunitySummaryView](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ResourceSnapshotSummary

Service: Partner Central Selling API

Provides a concise summary of a resource snapshot, including its unique identifier and version information. This structure is used to quickly reference and identify specific versions of resource snapshots.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) of the snapshot. This globally unique identifier can be used for cross-service references and in IAM policies.

Type: String

Pattern: `arn:.*`

Required: No

CreatedBy

The AWS account ID of the entity that owns the resource from which the snapshot was created.

Type: String

Pattern: `([0-9]{12}|\w{1,12})`

Required: No

ResourceId

The identifier of the specific resource snapshot. The format might vary depending on the ResourceType.

Type: String

Pattern: `0[0-9]{1,19}`

Required: No

ResourceSnapshotTemplateName

The name of the template used to create the snapshot.

Type: String

Pattern: `[a-zA-Z0-9]{3,80}`

Required: No

ResourceType

The type of resource snapshot.

Type: String

Valid Values: Opportunity

Required: No

Revision

The revision number of the snapshot. This integer value is incremented each time the snapshot is updated, allowing for version tracking of the resource snapshot.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SenderContact

Service: Partner Central Selling API

An object that contains the details of the sender-provided contact person for the `EngagementInvitation`.

Contents

Note

In the following list, the required parameters are described first.

Email

The sender-provided contact's email address associated with the `EngagementInvitation`.

Type: String

Pattern: `(?=.{1,80}$)[a-zA-Z0-9.!#$%&'*/=?^_{}~]+@[a-zA-Z0-9-]+(?:.[a-zA-Z0-9-]+)*`

Required: Yes

BusinessTitle

The sender-provided contact's title (job title or role) associated with the `EngagementInvitation`.

Type: String

Pattern: `(?s).{0,80}`

Required: No

FirstName

The sender-provided contact's last name associated with the `EngagementInvitation`.

Type: String

Pattern: `(?s).{0,80}`

Required: No

LastName

The sender-provided contact's first name associated with the EngagementInvitation.

Type: String

Pattern: `(?s).{0,80}`

Required: No

Phone

The sender-provided contact's phone number associated with the EngagementInvitation.

Type: String

Pattern: `\+[1-9]\d{1,14}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SoftwareRevenue

Service: Partner Central Selling API

Specifies a customer's procurement terms details. Required only for partners in eligible programs.

Contents

Note

In the following list, the required parameters are described first.

DeliveryModel

Specifies the customer's intended payment type agreement or procurement method to acquire the solution or service outlined in the Opportunity.

Type: String

Valid Values: Contract | Pay-as-you-go | Subscription

Required: No

EffectiveDate

Specifies the Opportunity's customer engagement start date for the contract's effectiveness.

Type: String

Pattern: [1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])

Required: No

ExpirationDate

Specifies the expiration date for the contract between the customer and AWS partner. It signifies the termination date of the agreed-upon engagement period between both parties.

Type: String

Pattern: [1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])

Required: No

Value

Specifies the payment value (amount and currency).

Type: [MonetaryValue](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SolutionBase

Service: Partner Central Selling API

Specifies minimal information for the solution offered to solve the customer's business problem.

Contents

Note

In the following list, the required parameters are described first.

Catalog

Specifies the catalog in which the solution is hosted, either AWS or Sandbox. This helps partners differentiate between live solutions and those in testing environments.

Type: String

Pattern: [a-zA-Z]+

Required: Yes

Category

Specifies the solution category, which helps to categorize and organize the solutions partners offer. Valid values: Software Product | Consulting Service | Hardware Product | Communications Product | Professional Service | Managed Service | Value-Added Resale AWS Service | Distribution Service | Training Service | Merger and Acquisition Advising Service.

Type: String

Required: Yes

CreatedDate

Indicates the solution creation date. This is useful to track and audit.

Type: Timestamp

Required: Yes

Id

Enables the association of solutions (offerings) to opportunities.

Type: String

Pattern: S-[0-9]{1,19}

Required: Yes

Name

Specifies the solution name.

Type: String

Required: Yes

Status

Specifies the solution's current status, which indicates its state in the system. Valid values: Active | Inactive | Draft. The status helps partners and AWS track the solution's lifecycle and availability. Filter for Active solutions for association to an opportunity.

Type: String

Valid Values: Active | Inactive | Draft

Required: Yes

Arn

The SolutionBase structure provides essential information about a solution.

Type: String

Pattern: S-[0-9]{1,19}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SolutionSort

Service: Partner Central Selling API

Configures the solutions' response sorting that enables partners to order solutions based on specified attributes.

Contents

Note

In the following list, the required parameters are described first.

SortBy

Specifies the attribute to sort by, such as Name, CreatedDate, or Status.

Type: String

Valid Values: Identifier | Name | Status | Category | CreatedDate

Required: Yes

SortOrder

Specifies the sorting order, either Ascending or Descending. The default is Descending.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SortObject

Service: Partner Central Selling API

Defines the sorting parameters for listing resource snapshot jobs. This structure allows you to specify the field to sort by and the order of sorting.

Contents

Note

In the following list, the required parameters are described first.

SortBy

Specifies the field by which to sort the resource snapshot jobs.

Type: String

Valid Values: CreatedDate

Required: No

SortOrder

Determines the order in which the sorted results are presented.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tag

Service: Partner Central Selling API

The key-value pair assigned to a specified resource.

Contents

Note

In the following list, the required parameters are described first.

Key

The key in the tag.

Type: String

Pattern: `(?=.{1,128}$)([\\p{L}\\p{Z}\\p{N}_.:/=+\\-@]*)`

Required: Yes

Value

The value in the tag.

Type: String

Pattern: `(?=.{0,256}$)([\\p{L}\\p{Z}\\p{N}_.:/=+\\-@]*)`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TargetCloseDateFilter

Service: Partner Central Selling API

Filters opportunities based on their target close date.

Contents

Note

In the following list, the required parameters are described first.

AfterTargetCloseDate

Filters opportunities with a target close date after this date. Use the YYYY-MM-DD format.

Type: String

Pattern: `[1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])`

Required: No

BeforeTargetCloseDate

Filters opportunities with a target close date before this date. Use the YYYY-MM-DD format.

Type: String

Pattern: `[1-9][0-9]{3}-(0[1-9]|1[012])-(0[1-9]|[12][0-9]|3[01])`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdateEngagementContextPayload

Service: Partner Central Selling API

Represents the updated payload of an engagement context. The structure of this payload varies based on the context type being updated.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

CustomerProject

The CustomerProjects structure in Engagements offers a flexible framework for managing customer-project relationships. It supports multiple customers per Engagement and multiple projects per customer, while also allowing for customers without projects and projects without specific customers.

All Engagement members have full visibility of customers and their associated projects, enabling the capture of relevant context even when project details are not fully defined. This structure also facilitates targeted invitations, allowing partners to focus on specific customers and their business problems when sending Engagement invitations.

Type: [CustomerProjectsContext](#) object

Required: No

Lead

Contains updated information about a lead when the context type is "Lead". This field is present only when updating a lead context within the engagement.

Type: [UpdateLeadContext](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdateLeadContext

Service: Partner Central Selling API

Updates the context information for a lead with qualification status, customer details, and interaction data.

Contents

Note

In the following list, the required parameters are described first.

Customer

Updated customer information associated with the lead.

Type: [LeadCustomer](#) object

Required: Yes

Interaction

Updated interaction details for the lead context.

Type: [LeadInteraction](#) object

Required: No

QualificationStatus

The updated qualification status of the lead.

Type: String

Pattern: (?s) . {1,255}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionError

Service: Partner Central Selling API

Indicates an invalid value for a field.

- *REQUIRED_FIELD_MISSING*: The request is missing a required field.

Fix: Verify your request payload includes all required fields.

- *INVALID_ENUM_VALUE*: The enum field value isn't an accepted values.

Fix: Check the documentation for the list of valid enum values, and update your request with a valid value.

- *INVALID_STRING_FORMAT*: The string format is invalid.

Fix: Confirm that the string is in the expected format (For example: email address, date).

- *INVALID_VALUE*: The value isn't valid.

Fix: Confirm that the value meets the expected criteria and is within the allowable range or set.

- *TOO_MANY_VALUES*: There are too many values in a field that expects fewer entries.

Fix: Reduce the number of values to match the expected limit.

- *NOT_ENOUGH_VALUES*: There are not enough values in a field that expects more entries.

Fix: Increase the number of values to match the expected threshold.

- *ACTION_NOT_PERMITTED*: The action isn't permitted due to current state or permissions.

Fix: Verify that the action is appropriate for the current state, and that you have the necessary permissions to perform it.

- *DUPLICATE_KEY_VALUE*: The value in a field duplicates a value that must be unique.

Fix: Verify that the value is unique and doesn't duplicate an existing value in the system.

Contents

Note

In the following list, the required parameters are described first.

Code

Specifies the error code for the invalid field value.

Type: String

Valid Values: REQUIRED_FIELD_MISSING | INVALID_ENUM_VALUE |
INVALID_STRING_FORMAT | INVALID_VALUE | NOT_ENOUGH_VALUES |
TOO_MANY_VALUES | INVALID_RESOURCE_STATE | DUPLICATE_KEY_VALUE |
VALUE_OUT_OF_RANGE | ACTION_NOT_PERMITTED

Required: Yes

Message

Specifies the detailed error message for the invalid field value.

Type: String

Required: Yes

FieldName

Specifies the field name with the invalid value.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Partner Central Account API

The following data types are supported by Partner Central Account API:

- [AccountSummary](#)
- [AllianceLeadContact](#)
- [BusinessValidationError](#)
- [BusinessVerificationDetails](#)
- [BusinessVerificationResponse](#)
- [Connection](#)
- [ConnectionInvitationSummary](#)
- [ConnectionSummary](#)
- [ConnectionTypeDetail](#)
- [ConnectionTypeSummary](#)
- [ErrorDetail](#)
- [FieldValidationError](#)
- [LocalizedContent](#)
- [Participant](#)
- [PartnerDomain](#)
- [PartnerProfile](#)
- [PartnerProfileSummary](#)
- [PartnerSummary](#)
- [RegistrantVerificationDetails](#)
- [RegistrantVerificationResponse](#)
- [SellerProfileSummary](#)
- [Tag](#)
- [TaskDetails](#)
- [ValidationError](#)
- [VerificationDetails](#)
- [VerificationResponseDetails](#)

AccountSummary

Service: Partner Central Account API

Summary information about an AWS account.

Contents

Note

In the following list, the required parameters are described first.

Name

The name associated with the AWS account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AllianceLeadContact

Service: Partner Central Account API

Contains contact information for the primary alliance lead responsible for partnership activities.

Contents

Note

In the following list, the required parameters are described first.

BusinessTitle

The business title or role of the alliance lead contact person.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

Email

The email address of the alliance lead contact person.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: `[a-zA-Z0-9. !#$%&' *+/?^_` { | } ~ -] +@[a-zA-Z0-9] (?: [a-zA-Z0-9 -] {0,61} [a-zA-Z0-9])? (?: \. [a-zA-Z0-9] (?: [a-zA-Z0-9 -] {0,61} [a-zA-Z0-9])?) *`

Required: Yes

FirstName

The first name of the alliance lead contact person.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

LastName

The last name of the alliance lead contact person.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BusinessValidationError

Service: Partner Central Account API

Contains information about a business rule validation error that occurred during an operation.

Contents

Note

In the following list, the required parameters are described first.

Code

A code identifying the specific business validation error.

Type: String

Valid Values: INCOMPATIBLE_CONNECTION_INVITATION_REQUEST |
INCOMPATIBLE_LEGAL_NAME | INCOMPATIBLE_KNOW_YOUR_BUSINESS_STATUS
| INCOMPATIBLE_IDENTITY_VERIFICATION_STATUS |
INVALID_ACCOUNT_LINKING_STATUS | INVALID_ACCOUNT_STATE |
INCOMPATIBLE_DOMAIN

Required: Yes

Message

A description of the business validation error.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

BusinessVerificationDetails

Service: Partner Central Account API

Contains the business information required for verifying a company's legal status and registration details within AWS Partner Central.

Contents

Note

In the following list, the required parameters are described first.

CountryCode

The ISO 3166-1 alpha-2 country code where the business is legally registered and operates.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

LegalName

The official legal name of the business as registered with the appropriate government authorities.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: [\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+

Required: Yes

RegistrationId

The unique business registration identifier assigned by the government or regulatory authority, such as a company registration number or tax identification number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

JurisdictionOfIncorporation

The specific legal jurisdiction or state where the business was incorporated or registered, providing additional location context beyond the country code.

Type: String

Length Constraints: Fixed length of 2.

Pattern: `[A-Z0-9]{2}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BusinessVerificationResponse

Service: Partner Central Account API

Contains the response information and results from a business verification process, including any verification-specific data returned by the verification service.

Contents

Note

In the following list, the required parameters are described first.

BusinessVerificationDetails

The business verification details that were processed and verified, potentially including additional information discovered during the verification process.

Type: [BusinessVerificationDetails](#) object

Required: Yes

CompletionUrl

A secure URL where the registrant can complete additional verification steps, such as document upload or identity confirmation through a third-party verification service.

Type: String

Required: No

CompletionUrlExpiresAt

The timestamp when the completion URL expires and is no longer valid for accessing the verification workflow.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Connection

Service: Partner Central Account API

Base structure containing common connection properties.

Contents

Note

In the following list, the required parameters are described first.

Arn

The AWS Resource Name (ARN) of the connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection/pac-[A-Za-z0-9]{13}`

Required: Yes

Catalog

The catalog identifier that the connection belongs to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

ConnectionTypes

The type of connection.

Type: String to [ConnectionTypeDetail](#) object map

Valid Keys: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Required: Yes

Id

The unique identifier of the connection.

Type: String

Pattern: `pac-[A-Za-z0-9]{13}`

Required: Yes

OtherParticipantAccountId

The AWS account ID of the other participant in the connection.

Type: String

Pattern: `[0-9]{12}`

Required: Yes

UpdatedAt

The timestamp when the connection was last updated.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConnectionInvitationSummary

Service: Partner Central Account API

A summary view of a connection invitation containing key information without full details.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) of the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection-invitation/pacinv-[A-Za-z0-9]{13}`

Required: Yes

Catalog

The catalog identifier where the connection invitation exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

ConnectionType

The type of connection being requested in the invitation.

Type: String

Valid Values: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Required: Yes

CreatedAt

The timestamp when the connection invitation was created.

Type: Timestamp

Required: Yes

Id

The unique identifier of the connection invitation.

Type: String

Pattern: `pacinv-[A-Za-z0-9]{13}`

Required: Yes

OtherParticipantIdentifier

The identifier of the other participant in the connection invitation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

ParticipantType

The type of participant (inviter or invitee) in the connection invitation.

Type: String

Valid Values: SENDER | RECEIVER

Required: Yes

Status

The current status of the connection invitation.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

Required: Yes

UpdatedAt

The timestamp when the connection invitation was last updated.

Type: Timestamp

Required: Yes

ConnectionId

The identifier of the connection associated with this invitation.

Type: String

Pattern: pac-[A-Za-z0-9]{13}

Required: No

ExpiresAt

The timestamp when the connection invitation will expire.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConnectionSummary

Service: Partner Central Account API

A summary view of an active connection between partners containing key information.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) of the connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-zA-Z0-9-]+:partnercentral:[a-z0-9\-*::catalog/[a-zA-Z]+/connection/pac-[A-Za-z0-9]{13}`

Required: Yes

Catalog

The catalog identifier where the connection exists.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

ConnectionTypes

A map of connection types and their summary information for this connection.

Type: String to [ConnectionTypeSummary](#) object map

Valid Keys: OPPORTUNITY_COLLABORATION | SUBSIDIARY

Required: Yes

Id

The unique identifier of the connection.

Type: String

Pattern: `pac-[A-Za-z0-9]{13}`

Required: Yes

OtherParticipantAccountId

The AWS account ID of the other participant in the connection.

Type: String

Pattern: `[0-9]{12}`

Required: Yes

UpdatedAt

The timestamp when the connection was last updated.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConnectionTypeDetail

Service: Partner Central Account API

Detailed information about a specific connection type within a connection.

Contents

Note

In the following list, the required parameters are described first.

CreatedAt

The timestamp when this connection type was created.

Type: Timestamp

Required: Yes

InviterEmail

The email address of the person who initiated this connection type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Pattern: `[a-zA-Z0-9. !#$%&'*/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*`

Required: Yes

InviterName

The name of the person who initiated this connection type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

OtherParticipant

Information about the other participant in this connection type.

Type: [Participant](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

Status

The current status of this connection type.

Type: String

Valid Values: ACTIVE | CANCELED

Required: Yes

CanceledAt

The timestamp when this connection type was cancelled, if applicable.

Type: Timestamp

Required: No

CanceledBy

The AWS account ID of the participant who cancelled this connection type.

Type: String

Pattern: [0-9]{12}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConnectionTypeSummary

Service: Partner Central Account API

Summary information about a specific connection type between partners.

Contents

Note

In the following list, the required parameters are described first.

OtherParticipant

Information about the other participant in this connection type.

Type: [Participant](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

Status

The current status of this connection type (active, canceled, etc.).

Type: String

Valid Values: ACTIVE | CANCELED

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ErrorDetail

Service: Partner Central Account API

Contains detailed information about an error that occurred during an operation.

Contents

Note

In the following list, the required parameters are described first.

Locale

The locale or language code for the error message.

Type: String

Required: Yes

Message

A human-readable description of the error.

Type: String

Required: Yes

Reason

A machine-readable code or reason for the error.

Type: String

Valid Values: INVALID_CONTENT | DUPLICATE_PROFILE | INVALID_LOGO
| INVALID_LOGO_URL | INVALID_LOGO_FILE | INVALID_LOGO_SIZE |
INVALID_WEBSITE_URL

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

FieldValidationError

Service: Partner Central Account API

Contains information about a field-level validation error that occurred during an operation.

Contents

Note

In the following list, the required parameters are described first.

Code

A code identifying the specific field validation error.

Type: String

Valid Values: REQUIRED_FIELD_MISSING | DUPLICATE_VALUE | INVALID_VALUE
| INVALID_STRING_FORMAT | TOO_MANY_VALUES | ACTION_NOT_PERMITTED |
INVALID_ENUM_VALUE

Required: Yes

Message

A description of the field validation error.

Type: String

Required: Yes

Name

The name of the field that failed validation.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LocalizedContent

Service: Partner Central Account API

Contains localized content for a partner profile in a specific language or locale.

Contents

Note

In the following list, the required parameters are described first.

Description

The localized description of the partner's business and services.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 600.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

DisplayName

The localized display name for the partner.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

Locale

The locale or language code for the localized content.

Type: String

Pattern: `[a-z]{2}-[A-Z]{2}`

Required: Yes

LogoUrl

The URL to the partner's logo image for this locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: (https|HTTPS):\\/[^\s]+(\\S*)?

Required: Yes

WebsiteUrl

The localized website URL for the partner.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: (https|HTTPS):\\/[^\s]+(\\S*)?

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Participant

Service: Partner Central Account API

Represents a participant in a partner connection, containing their profile and account information.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

Account

The AWS account information for the participant.

Type: [AccountSummary](#) object

Required: No

PartnerProfile

The partner profile information for the participant.

Type: [PartnerProfileSummary](#) object

Required: No

SellerProfile

The seller profile information for the participant.

Type: [SellerProfileSummary](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PartnerDomain

Service: Partner Central Account API

Represents a verified domain associated with a partner account.

Contents

Note

In the following list, the required parameters are described first.

DomainName

The domain name that has been verified for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `[a-zA-Z0-9]([a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(\.[a-zA-Z0-9]([a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*`

Required: Yes

RegisteredAt

The timestamp when the domain was registered and verified for the partner account.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PartnerProfile

Service: Partner Central Account API

Contains comprehensive profile information for a partner including public-facing details.

Contents

Note

In the following list, the required parameters are described first.

Description

A description of the partner's business, services, and capabilities.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 600.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

DisplayName

The public display name for the partner organization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

IndustrySegments

The industry segments or verticals that the partner serves.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 3 items.

Valid Values: AGRICULTURE_MINING | BIOTECHNOLOGY | BUSINESS_CONSUMER_SERVICES | BUSINESS_SERV | COMMUNICATIONS | COMPUTER_HARDWARE | COMPUTERS_ELECTRONICS | COMPUTER_SOFTWARE | CONSUMER_GOODS | CONSUMER_RELATED | EDUCATION | ENERGY_UTILITIES | FINANCIAL_SERVICES | GAMING | GOVERNMENT | GOVERNMENT_EDUCATION_PUBLIC_SERVICES | HEALTHCARE | HEALTHCARE_PHARMACEUTICALS_BIOTECH | INDUSTRIAL_ENERGY | INTERNET_SPECIFIC | LIFE_SCIENCES | MANUFACTURING | MEDIA_ENTERTAINMENT_LEISURE | MEDIA_ENTERTAINMENT | MEDICAL_HEALTH | NON_PROFIT_ORGANIZATION | OTHER | PROFESSIONAL_SERVICES | REAL_ESTATE_CONSTRUCTION | RETAIL | RETAIL_WHOLESALE_DISTRIBUTION | SEMICONDUCTOR_ELECTR | SOFTWARE_INTERNET | TELECOMMUNICATIONS | TRANSPORTATION_LOGISTICS | TRAVEL_HOSPITALITY | WHOLESALE_DISTRIBUTION

Required: Yes

LogoUrl

The URL to the partner's logo image.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: (https|HTTPS):\\/[^\s]+(\\S*)?

Required: Yes

PrimarySolutionType

The primary type of solution or service the partner provides.

Type: String

Valid Values: SOFTWARE_PRODUCTS | CONSULTING_SERVICES | PROFESSIONAL_SERVICES | MANAGED_SERVICES | HARDWARE_PRODUCTS | COMMUNICATION_SERVICES | VALUE_ADDED_RESALE_AWS_SERVICES | TRAINING_SERVICES

Required: Yes

TranslationSourceLocale

The source locale used for automatic translation of profile content.

Type: String

Pattern: [a-z]{2}-[A-Z]{2}

Required: Yes

WebsiteUrl

The partner's primary website URL.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: (https|HTTPS):\\/[^\s]+(\\S*)?

Required: Yes

LocalizedContents

A list of localized content versions for different languages and regions.

Type: Array of [LocalizedContent](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

ProfileId

The unique identifier of the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: pprofile-[A-Za-z0-9]{13}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PartnerProfileSummary

Service: Partner Central Account API

A summary view of a partner profile containing basic identifying information.

Contents

Note

In the following list, the required parameters are described first.

Id

The unique identifier of the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `pprofile-[A-Za-z0-9]{13}`

Required: Yes

Name

The display name of the partner.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PartnerSummary

Service: Partner Central Account API

A summary view of a partner account containing basic information for listing purposes.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) of the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[A-Za-z-_-]+/partner/partner-[A-Za-z0-9]{13}`

Required: Yes

Catalog

The catalog identifier for the partner account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

CreatedAt

The timestamp when the partner account was created.

Type: Timestamp

Required: Yes

Id

The unique identifier of the partner account.

Type: String

Pattern: `partner-[A-Za-z0-9]{13}`

Required: Yes

LegalName

The legal name of the partner organization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrantVerificationDetails

Service: Partner Central Account API

Contains the personal information required for verifying an individual's identity as part of the partner registration process in AWS Partner Central.

Contents

Note

In the following list, the required parameters are described first.

The members of this exception structure are context-dependent.

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrantVerificationResponse

Service: Partner Central Account API

Contains the response information from a registrant verification process, including any verification-specific data and next steps for the individual verification workflow.

Contents

Note

In the following list, the required parameters are described first.

CompletionUrl

A secure URL where the registrant can complete additional verification steps, such as document upload or identity confirmation through a third-party verification service.

Type: String

Required: Yes

CompletionUrlExpiresAt

The timestamp when the completion URL expires and is no longer valid for accessing the verification workflow.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SellerProfileSummary

Service: Partner Central Account API

A summary view of a seller profile containing basic identifying information.

Contents

Note

In the following list, the required parameters are described first.

Id

The unique identifier of the seller profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: [a-zA-Z0-9-]+

Required: Yes

Name

The display name of the seller.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: [\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tag

Service: Partner Central Account API

A key-value pair used to associate metadata with AWS Partner Central Account resources.

Contents

Note

In the following list, the required parameters are described first.

Key

The key name of the tag. Tag keys are case-sensitive.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Value

The value associated with the tag key. Tag values are case-sensitive.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TaskDetails

Service: Partner Central Account API

Contains detailed information about a profile update task including the changes to be made.

Contents

Note

In the following list, the required parameters are described first.

Description

The updated description for the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 600.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

DisplayName

The updated display name for the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 80.

Pattern: `[\u0020-\u007E\u00A0-\uD7FF\uE000-\uFFFD]+`

Required: Yes

IndustrySegments

The updated industry segments for the partner profile.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 3 items.

Valid Values: AGRICULTURE_MINING | BIOTECHNOLOGY | BUSINESS_CONSUMER_SERVICES | BUSINESS_SERV | COMMUNICATIONS | COMPUTER_HARDWARE | COMPUTERS_ELECTRONICS | COMPUTER_SOFTWARE | CONSUMER_GOODS | CONSUMER_RELATED | EDUCATION | ENERGY_UTILITIES | FINANCIAL_SERVICES | GAMING | GOVERNMENT | GOVERNMENT_EDUCATION_PUBLIC_SERVICES | HEALTHCARE | HEALTHCARE_PHARMACEUTICALS_BIOTECH | INDUSTRIAL_ENERGY | INTERNET_SPECIFIC | LIFE_SCIENCES | MANUFACTURING | MEDIA_ENTERTAINMENT_LEISURE | MEDIA_ENTERTAINMENT | MEDICAL_HEALTH | NON_PROFIT_ORGANIZATION | OTHER | PROFESSIONAL_SERVICES | REAL_ESTATE_CONSTRUCTION | RETAIL | RETAIL_WHOLESALE_DISTRIBUTION | SEMICONDUCTOR_ELECTR | SOFTWARE_INTERNET | TELECOMMUNICATIONS | TRANSPORTATION_LOGISTICS | TRAVEL_HOSPITALITY | WHOLESALE_DISTRIBUTION

Required: Yes

LogoUrl

The updated logo URL for the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: (https|HTTPS):\\/[^\s]+(\\S*)?

Required: Yes

PrimarySolutionType

The updated primary solution type for the partner profile.

Type: String

Valid Values: SOFTWARE_PRODUCTS | CONSULTING_SERVICES | PROFESSIONAL_SERVICES | MANAGED_SERVICES | HARDWARE_PRODUCTS | COMMUNICATION_SERVICES | VALUE_ADDED_RESALE_AWS_SERVICES | TRAINING_SERVICES

Required: Yes

TranslationSourceLocale

The updated translation source locale for the partner profile.

Type: String

Pattern: [a-z]{2} - [A-Z]{2}

Required: Yes

WebsiteUrl

The updated website URL for the partner profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: (https|HTTPS):\\/[^\s]+(\\S*)?

Required: Yes

LocalizedContents

The updated localized content for the partner profile.

Type: Array of [LocalizedContent](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationError

Service: Partner Central Account API

Contains information about a validation error, which can be either a field-level or business rule validation error.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

BusinessValidationError

Details about a business rule validation error, if applicable.

Type: [BusinessValidationError](#) object

Required: No

FieldValidationError

Details about a field-level validation error, if applicable.

Type: [FieldValidationError](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

VerificationDetails

Service: Partner Central Account API

A union structure containing the specific details required for different types of verification processes supported by AWS Partner Central.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

BusinessVerificationDetails

The business verification details to be used when starting a business verification process.

Type: [BusinessVerificationDetails](#) object

Required: No

RegistrantVerificationDetails

The registrant verification details to be used when starting an individual identity verification process.

Type: [RegistrantVerificationDetails](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

VerificationResponseDetails

Service: Partner Central Account API

A union structure containing the response details specific to different types of verification processes, providing type-specific information and results.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

BusinessVerificationResponse

The response details from a business verification process, including verification results and any additional business information discovered.

Type: [BusinessVerificationResponse](#) object

Required: No

RegistrantVerificationResponse

The response details from a registrant verification process, including verification results and any additional steps required for identity confirmation.

Type: [RegistrantVerificationResponse](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Partner Central Benefits API

The following data types are supported by Partner Central Benefits API:

- [AccessDetails](#)
- [Amendment](#)
- [AssociatedResource](#)
- [BenefitAllocationSummary](#)
- [BenefitApplicationSummary](#)
- [BenefitSummary](#)
- [ConsumableDetails](#)
- [Contact](#)
- [CreditCode](#)
- [CreditDetails](#)
- [DisbursementDetails](#)
- [FileDetail](#)
- [FileInput](#)
- [FulfillmentDetails](#)
- [IssuanceDetail](#)
- [MonetaryValue](#)
- [Tag](#)
- [ValidationExceptionField](#)

AccessDetails

Service: Partner Central Benefits API

Contains information about access-based benefit fulfillment, such as service permissions or feature access.

Contents

Note

In the following list, the required parameters are described first.

Description

A description of the access privileges or permissions granted by this benefit.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Amendment

Service: Partner Central Benefits API

Represents a specific change to be made to a benefit application field.

Contents

Note

In the following list, the required parameters are described first.

FieldPath

The JSON path or field identifier specifying which field in the benefit application to modify.

Type: String

Required: Yes

NewValue

The new value to set for the specified field in the benefit application.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssociatedResource

Service: Partner Central Benefits API

Represents an AWS resource that is associated with a benefit application for tracking and management.

Contents

Note

In the following list, the required parameters are described first.

ResourceArn

The Amazon Resource Name (ARN) that uniquely identifies the AWS resource.

Type: String

Pattern: `arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:`
`(\d{12})?:(.+)`

Required: No

ResourceIdentifier

This member has been deprecated.

The unique identifier of the AWS resource within its service.

Type: String

Required: No

ResourceType

The type of AWS resource (e.g., EC2 instance, S3 bucket, Lambda function).

Type: String

Valid Values: OPPORTUNITY | BENEFIT_ALLOCATION

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BenefitAllocationSummary

Service: Partner Central Benefits API

A summary view of a benefit allocation containing key information for list operations.

Contents

Note

In the following list, the required parameters are described first.

ApplicableBenefitIds

The identifiers of the benefits applicable for this allocation.

Type: Array of strings

Pattern: (arn: .+|ben-[0-9a-z]{14})

Required: No

Arn

The Amazon Resource Name (ARN) of the benefit allocation.

Type: String

Required: No

BenefitApplicationId

The identifier of the benefit application that resulted in this allocation.

Type: String

Pattern: benappl-[0-9a-z]{14}

Required: No

BenefitId

The identifier of the benefit that this allocation is based on.

Type: String

Pattern: (arn: .+ | ben-[0-9a-z]{14})

Required: No

Catalog

The catalog identifier that the benefit allocation belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: No

CreatedAt

The timestamp when the benefit allocation was created.

Type: Timestamp

Required: No

ExpiresAt

The timestamp when the benefit allocation expires.

Type: Timestamp

Required: No

FulfillmentTypes

The fulfillment types used for this benefit allocation.

Type: Array of strings

Valid Values: CREDITS | CASH | ACCESS

Required: No

Id

The unique identifier of the benefit allocation.

Type: String

Pattern: `benalloc-[0-9a-z]{14}`

Required: No

Name

The human-readable name of the benefit allocation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

Status

The current status of the benefit allocation.

Type: String

Valid Values: ACTIVE | INACTIVE | FULFILLED

Required: No

StatusReason

Additional information explaining the current status of the benefit allocation.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BenefitApplicationSummary

Service: Partner Central Benefits API

A summary view of a benefit application containing key information for list operations.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) of the benefit application.

Type: String

Required: No

AssociatedResources

AWS resources that are associated with this benefit application.

Type: Array of strings

Pattern: `arn:aws:([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:`
`(\d{12})?:(.+)`

Required: No

BenefitApplicationDetails

Additional attributes and metadata associated with the benefit application.

Type: String to string map

Required: No

BenefitId

The identifier of the benefit being requested in this application.

Type: String

Pattern: (arn: .+ | ben-[0-9a-z]{14})

Required: No

Catalog

The catalog identifier that the benefit application belongs to.

Type: String

Pattern: [A-Za-z0-9_-]+

Required: No

CreatedAt

The timestamp when the benefit application was created.

Type: Timestamp

Required: No

FulfillmentTypes

The fulfillment types requested for this benefit application.

Type: Array of strings

Valid Values: CREDITS | CASH | ACCESS

Required: No

Id

The unique identifier of the benefit application.

Type: String

Pattern: benappl-[0-9a-z]{14}

Required: No

Name

The human-readable name of the benefit application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

Programs

The AWS partner programs associated with this benefit application.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [A-Za-z0-9_-]+

Required: No

Stage

The current stage in the benefit application processing workflow..

Type: String

Required: No

Status

The current processing status of the benefit application.

Type: String

Valid Values: PENDING_SUBMISSION | IN_REVIEW | ACTION_REQUIRED | APPROVED | REJECTED | CANCELED

Required: No

UpdatedAt

The timestamp when the benefit application was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BenefitSummary

Service: Partner Central Benefits API

A summary view of a benefit containing key information for list operations.

Contents

Note

In the following list, the required parameters are described first.

Arn

The Amazon Resource Name (ARN) of the benefit.

Type: String

Required: No

Catalog

The catalog identifier that the benefit belongs to.

Type: String

Pattern: `[A-Za-z0-9_-]+`

Required: No

Description

A brief description of the benefit and its purpose.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: No

FulfillmentTypes

The available fulfillment types for this benefit.

Type: Array of strings

Valid Values: CREDITS | CASH | ACCESS

Required: No

Id

The unique identifier of the benefit.

Type: String

Pattern: ben-[0-9a-z]{14}

Required: No

Name

The human-readable name of the benefit.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

Programs

The AWS partner programs that this benefit is associated with.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [A-Za-z0-9_-]+

Required: No

Status

The current status of the benefit.

Type: String

Valid Values: ACTIVE | INACTIVE

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConsumableDetails

Service: Partner Central Benefits API

Contains information about consumable benefit fulfillment, such as usage quotas or service limits.

Contents

Note

In the following list, the required parameters are described first.

AllocatedAmount

The total amount of the consumable benefit that has been allocated.

Type: [MonetaryValue](#) object

Required: No

IssuanceDetails

Detailed information about how the consumable benefit was issued and distributed.

Type: [IssuanceDetail](#) object

Required: No

RemainingAmount

The remaining amount of the consumable benefit that is still available for use.

Type: [MonetaryValue](#) object

Required: No

UtilizedAmount

The amount of the consumable benefit that has already been used.

Type: [MonetaryValue](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Contact

Service: Partner Central Benefits API

Represents contact information for a partner representative.

Contents

Note

In the following list, the required parameters are described first.

BusinessTitle

The business title or role of the contact person within the organization.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 80.

Required: No

Email

The email address of the contact person.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 80.

Pattern: `[a-z0-9!#$%&'*/+=?^_`{|}~-]+(?:\. [a-z0-9!#$%&'*/+=?^_`{|}~-]+)*@(?: [a-z0-9](?: [a-z0-9-]*[a-z0-9])?\.)+[a-z0-9](?: [a-z0-9-]*[a-z0-9])?`

Required: No

FirstName

The first name of the contact person.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 80.

Required: No

LastName

The last name of the contact person.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 80.

Required: No

Phone

The phone number of the contact person.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CreditCode

Service: Partner Central Benefits API

Represents an AWS credit code that can be applied to an AWS account for billing purposes.

Contents

Note

In the following list, the required parameters are described first.

AwsAccountId

The AWS account ID that the credit code is associated with or can be applied to.

Type: String

Required: Yes

AwsCreditCode

The actual credit code string that can be redeemed in the AWS billing console.

Type: String

Required: Yes

ExpiresAt

The timestamp when the credit code expires and can no longer be redeemed.

Type: Timestamp

Required: Yes

IssuedAt

The timestamp when the credit code was issued.

Type: Timestamp

Required: Yes

Status

The current status of the credit code (e.g., active, redeemed, expired).

Type: String

Valid Values: ACTIVE | INACTIVE | FULFILLED

Required: Yes

Value

The monetary value of the credit code.

Type: [MonetaryValue](#) object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CreditDetails

Service: Partner Central Benefits API

Contains information about credit-based benefit fulfillment, including AWS promotional credits.

Contents

Note

In the following list, the required parameters are described first.

AllocatedAmount

The total amount of credits that have been allocated for this benefit.

Type: [MonetaryValue](#) object

Required: Yes

Codes

A list of credit codes that have been generated for this benefit allocation.

Type: Array of [CreditCode](#) objects

Required: Yes

IssuedAmount

The amount of credits that have actually been issued and are available for use.

Type: [MonetaryValue](#) object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DisbursementDetails

Service: Partner Central Benefits API

Contains information about disbursement-based benefit fulfillment, such as direct payments or reimbursements.

Contents

Note

In the following list, the required parameters are described first.

DisbursedAmount

The total amount that has been disbursed for this benefit allocation.

Type: [MonetaryValue](#) object

Required: No

IssuanceDetails

Detailed information about how the disbursement was issued and processed.

Type: [IssuanceDetail](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

FileDetail

Service: Partner Central Benefits API

Represents detailed information about a file attached to a benefit application.

Contents

Note

In the following list, the required parameters are described first.

FileURI

The URI or location where the file is stored.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

Pattern: (s3://|https://).*

Required: Yes

BusinessUseCase

The business purpose or use case that this file supports in the benefit application.

Type: String

Required: No

CreatedAt

The timestamp when the file was uploaded.

Type: Timestamp

Required: No

CreatedBy

The identifier of the user who uploaded the file.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

FileName

The original name of the uploaded file.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

FileStatus

The current processing status of the file (e.g., uploaded, processing, approved, rejected).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

FileStatusReason

The reason for that particular file status.

Type: String

Required: No

FileType

The type or category of the file (e.g., document, image, spreadsheet).

Type: String

Valid Values: application/msword | application/vnd.openxmlformats-officedocument.wordprocessingml.document | application/vnd.openxmlformats-officedocument.spreadsheetml.sheet | application/vnd.openxmlformats-officedocument.presentationml.presentation | application/pdf | image/png | image/jpeg | image/svg+xml | text/csv

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

FileInput

Service: Partner Central Benefits API

Represents input information for uploading a file to a benefit application.

Contents

Note

In the following list, the required parameters are described first.

FileURI

The URI or location where the file should be stored or has been uploaded.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

Pattern: (s3://|https://).*

Required: Yes

BusinessUseCase

The business purpose or use case that this file supports in the benefit application.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

FulfillmentDetails

Service: Partner Central Benefits API

Contains comprehensive information about how a benefit allocation is fulfilled across different fulfillment types.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

AccessDetails

Details about access-based fulfillment, if applicable to this benefit allocation.

Type: [AccessDetails](#) object

Required: No

ConsumableDetails

Details about consumable-based fulfillment, if applicable to this benefit allocation.

Type: [ConsumableDetails](#) object

Required: No

CreditDetails

Details about credit-based fulfillment, if applicable to this benefit allocation.

Type: [CreditDetails](#) object

Required: No

DisbursementDetails

Details about disbursement-based fulfillment, if applicable to this benefit allocation.

Type: [DisbursementDetails](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

IssuanceDetail

Service: Partner Central Benefits API

Represents detailed information about a specific issuance of benefit value.

Contents

Note

In the following list, the required parameters are described first.

IssuanceAmount

The monetary amount or value that was issued in this specific issuance.

Type: [MonetaryValue](#) object

Required: No

IssuanceId

The unique identifier for this specific issuance.

Type: String

Required: No

IssuedAt

The timestamp when this specific issuance was processed.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MonetaryValue

Service: Partner Central Benefits API

Represents a monetary amount with its associated currency.

Contents

 Note

In the following list, the required parameters are described first.

Amount

The numeric amount of the monetary value.

Type: String

Required: Yes

CurrencyCode

The ISO 4217 currency code (e.g., USD, EUR) for the monetary amount.

Type: String

Valid Values: AED | AMD | ARS | AUD | AWG | AZN | BBD | BDT | BGN | BMD | BND | BOB | BRL | BSD | BYR | BZD | CAD | CHF | CLP | CNY | COP | CRC | CZK | DKK | DOP | EEK | EGP | EUR | GBP | GEL | GHS | GTQ | GYD | HKD | HNL | HRK | HTG | HUF | IDR | ILS | INR | ISK | JMD | JPY | KES | KHR | KRW | KYD | KZT | LBP | LKR | LTL | LVL | MAD | MNT | MOP | MUR | MVR | MXN | MYR | NAD | NGN | NIO | NOK | NZD | PAB | PEN | PHP | PKR | PLN | PYG | QAR | RON | RUB | SAR | SEK | SGD | SIT | SKK | THB | TND | TRY | TTD | TWD | TZS | UAH | USD | UYU | UZS | VND | XAF | XCD | XOF | XPF | ZAR

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tag

Service: Partner Central Benefits API

Represents a key-value pair used for categorizing and organizing AWS resources.

Contents

Note

In the following list, the required parameters are described first.

Key

The tag key, which acts as a category or label for the tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: (`[\\p{L}\\p{Z}\\p{N}_.: /+=\\-@]*`)

Required: Yes

Value

The tag value, which provides additional information or context for the tag key.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: (`[\\p{L}\\p{Z}\\p{N}_.: /+=\\-@]*`)

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionField

Service: Partner Central Benefits API

Represents a field-specific validation error with detailed information.

Contents

Note

In the following list, the required parameters are described first.

Message

A detailed message explaining why the field validation failed.

Type: String

Required: Yes

Name

The name of the field that failed validation.

Type: String

Required: Yes

Code

An error code explaining why the field validation failed.

Type: String

Valid Values: REQUIRED_FIELD_MISSING | INVALID_ENUM_VALUE |
INVALID_STRING_FORMAT | INVALID_VALUE | NOT_ENOUGH_VALUES |
TOO_MANY_VALUES | INVALID_RESOURCE_STATE | DUPLICATE_KEY_VALUE |
VALUE_OUT_OF_RANGE | ACTION_NOT_PERMITTED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Partner Central Channel API

The following data types are supported by Partner Central Channel API:

- [AcceptChannelHandshakeDetail](#)
- [CancelChannelHandshakeDetail](#)
- [ChannelHandshakePayload](#)
- [ChannelHandshakeSummary](#)
- [CreateChannelHandshakeDetail](#)
- [CreateProgramManagementAccountDetail](#)
- [CreateRelationshipDetail](#)
- [HandshakeDetail](#)
- [ListChannelHandshakesTypeFilters](#)
- [ListChannelHandshakesTypeSort](#)
- [ListProgramManagementAccountsSortBase](#)
- [ListRelationshipsSortBase](#)
- [PartnerLedSupport](#)
- [ProgramManagementAccountHandshakeDetail](#)
- [ProgramManagementAccountSummary](#)
- [ProgramManagementAccountTypeFilters](#)
- [ProgramManagementAccountTypeSort](#)
- [RejectChannelHandshakeDetail](#)
- [RelationshipDetail](#)
- [RelationshipSummary](#)

- [ResoldEnterprise](#)
- [ResoldUnifiedOperations](#)
- [RevokeServicePeriodHandshakeDetail](#)
- [RevokeServicePeriodPayload](#)
- [RevokeServicePeriodTypeFilters](#)
- [RevokeServicePeriodTypeSort](#)
- [StartServicePeriodHandshakeDetail](#)
- [StartServicePeriodPayload](#)
- [StartServicePeriodTypeFilters](#)
- [StartServicePeriodTypeSort](#)
- [SupportPlan](#)
- [Tag](#)
- [UpdateProgramManagementAccountDetail](#)
- [UpdateRelationshipDetail](#)
- [ValidationExceptionField](#)

AcceptChannelHandshakeDetail

Service: Partner Central Channel API

Contains details about an accepted channel handshake.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the accepted handshake.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

id

The unique identifier of the accepted handshake.

Type: String

Length Constraints: Fixed length of 16.

Pattern: `ch-[a-z0-9]{13}`

Required: No

status

The current status of the accepted handshake.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CancelChannelHandshakeDetail

Service: Partner Central Channel API

Contains details about a canceled channel handshake.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the canceled handshake.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

id

The unique identifier of the canceled handshake.

Type: String

Length Constraints: Fixed length of 16.

Pattern: `ch-[a-z0-9]{13}`

Required: No

status

The current status of the canceled handshake.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChannelHandshakePayload

Service: Partner Central Channel API

Contains the payload data for different types of channel handshakes.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

revokeServicePeriodPayload

Payload for revoking a service period handshake.

Type: [RevokeServicePeriodPayload](#) object

Required: No

startServicePeriodPayload

Payload for starting a service period handshake.

Type: [StartServicePeriodPayload](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChannelHandshakeSummary

Service: Partner Central Channel API

Summary information about a channel handshake.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the handshake.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

associatedResourceId

The identifier of the resource associated with the handshake.

Type: String

Length Constraints: Minimum length of 16. Maximum length of 17.

Pattern: (pma|rs)-[a-z0-9]{13}

Required: No

catalog

The catalog identifier associated with the handshake.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: No

createdAt

The timestamp when the handshake was created.

Type: Timestamp

Required: No

detail

Detailed information about the handshake.

Type: [HandshakeDetail](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

handshakeType

The type of the handshake.

Type: String

Valid Values: START_SERVICE_PERIOD | REVOKE_SERVICE_PERIOD |
PROGRAM_MANAGEMENT_ACCOUNT

Required: No

id

The unique identifier of the handshake.

Type: String

Length Constraints: Fixed length of 16.

Pattern: ch-[a-z0-9]{13}

Required: No

ownerAccountId

The AWS account ID of the handshake owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

receiverAccountId

The AWS account ID of the handshake receiver.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

senderAccountId

The AWS account ID of the handshake sender.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

senderDisplayName

The display name of the handshake sender.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 40.

Pattern: [\x00-\x7E\xA9\xAE\xA2-\xA5\u202F]+

Required: No

status

The current status of the handshake.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

Required: No

updatedAt

The timestamp when the handshake was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CreateChannelHandshakeDetail

Service: Partner Central Channel API

Contains details about a newly created channel handshake.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the created handshake.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

id

The unique identifier of the created handshake.

Type: String

Length Constraints: Fixed length of 16.

Pattern: `ch-[a-z0-9]{13}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

CreateProgramManagementAccountDetail

Service: Partner Central Channel API

Contains details about a newly created program management account.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the created program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

id

The unique identifier of the created program management account.

Type: String

Length Constraints: Fixed length of 17.

Pattern: pma-[a-z0-9]{13}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

CreateRelationshipDetail

Service: Partner Central Channel API

Contains details about a newly created relationship.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the created relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

id

The unique identifier of the created relationship.

Type: String

Length Constraints: Fixed length of 16.

Pattern: `rs-[a-z0-9]{13}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

HandshakeDetail

Service: Partner Central Channel API

Contains detailed information about different types of handshakes.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

programManagementAccountHandshakeDetail

Details for a program management account handshake.

Type: [ProgramManagementAccountHandshakeDetail](#) object

Required: No

revokeServicePeriodHandshakeDetail

Details for a revoke service period handshake.

Type: [RevokeServicePeriodHandshakeDetail](#) object

Required: No

startServicePeriodHandshakeDetail

Details for a start service period handshake.

Type: [StartServicePeriodHandshakeDetail](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListChannelHandshakesTypeFilters

Service: Partner Central Channel API

Type-specific filters for listing channel handshakes.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

programManagementAccountTypeFilters

Filters specific to program management account handshakes.

Type: [ProgramManagementAccountTypeFilters](#) object

Required: No

revokeServicePeriodTypeFilters

Filters specific to revoke service period handshakes.

Type: [RevokeServicePeriodTypeFilters](#) object

Required: No

startServicePeriodTypeFilters

Filters specific to start service period handshakes.

Type: [StartServicePeriodTypeFilters](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListChannelHandshakesTypeSort

Service: Partner Central Channel API

Type-specific sorting options for listing channel handshakes.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

programManagementAccountTypeSort

Sorting options specific to program management account handshakes.

Type: [ProgramManagementAccountTypeSort](#) object

Required: No

revokeServicePeriodTypeSort

Sorting options specific to revoke service period handshakes.

Type: [RevokeServicePeriodTypeSort](#) object

Required: No

startServicePeriodTypeSort

Sorting options specific to start service period handshakes.

Type: [StartServicePeriodTypeSort](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListProgramManagementAccountsSortBase

Service: Partner Central Channel API

Base sorting configuration for program management accounts.

Contents

Note

In the following list, the required parameters are described first.

sortBy

The field to sort by.

Type: String

Valid Values: UpdatedAt

Required: Yes

sortOrder

The sort order (ascending or descending).

Type: String

Valid Values: Ascending | Descending

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ListRelationshipsSortBase

Service: Partner Central Channel API

Base sorting configuration for relationships.

Contents

Note

In the following list, the required parameters are described first.

sortBy

The field to sort by.

Type: String

Valid Values: UpdatedAt

Required: Yes

sortOrder

The sort order (ascending or descending).

Type: String

Valid Values: Ascending | Descending

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PartnerLedSupport

Service: Partner Central Channel API

Configuration for partner-led support plans.

Contents

Note

In the following list, the required parameters are described first.

coverage

The coverage level for partner-led support.

Type: String

Valid Values: ENTIRE_ORGANIZATION | MANAGEMENT_ACCOUNT_ONLY

Required: Yes

tamLocation

The location of the Technical Account Manager (TAM).

Type: String

Required: Yes

provider

The provider of the partner-led support.

Type: String

Valid Values: DISTRIBUTOR | DISTRIBUTION_SELLER

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProgramManagementAccountHandshakeDetail

Service: Partner Central Channel API

Details specific to program management account handshakes.

Contents

Note

In the following list, the required parameters are described first.

program

The program associated with the handshake.

Type: String

Valid Values: SOLUTION_PROVIDER | DISTRIBUTION | DISTRIBUTION_SELLER

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProgramManagementAccountSummary

Service: Partner Central Channel API

Summary information about a program management account.

Contents

Note

In the following list, the required parameters are described first.

accountId

The AWS account ID associated with the program management account.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

arn

The Amazon Resource Name (ARN) of the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

catalog

The catalog identifier associated with the account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: No

createdAt

The timestamp when the account was created.

Type: Timestamp

Required: No

displayName

The display name of the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[^\x00-\x1F\x7F]*`

Required: No

id

The unique identifier of the program management account.

Type: String

Length Constraints: Fixed length of 17.

Pattern: `pma-[a-z0-9]{13}`

Required: No

program

The program type for the management account.

Type: String

Valid Values: SOLUTION_PROVIDER | DISTRIBUTION | DISTRIBUTION_SELLER

Required: No

revision

The current revision number of the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

startDate

The start date of the program management account.

Type: Timestamp

Required: No

status

The current status of the program management account.

Type: String

Valid Values: PENDING | ACTIVE | INACTIVE

Required: No

updatedAt

The timestamp when the account was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProgramManagementAccountTypeFilters

Service: Partner Central Channel API

Type-specific filters for program management accounts.

Contents

Note

In the following list, the required parameters are described first.

programs

Filter by program types.

Type: Array of strings

Valid Values: SOLUTION_PROVIDER | DISTRIBUTION | DISTRIBUTION_SELLER

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProgramManagementAccountTypeSort

Service: Partner Central Channel API

Type-specific sorting options for program management accounts.

Contents

Note

In the following list, the required parameters are described first.

sortBy

The field to sort by.

Type: String

Valid Values: UpdatedAt

Required: Yes

sortOrder

The sort order (ascending or descending).

Type: String

Valid Values: Ascending | Descending

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RejectChannelHandshakeDetail

Service: Partner Central Channel API

Contains details about a rejected channel handshake.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the rejected handshake.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

id

The unique identifier of the rejected handshake.

Type: String

Length Constraints: Fixed length of 16.

Pattern: `ch-[a-z0-9]{13}`

Required: No

status

The current status of the rejected handshake.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELED | EXPIRED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RelationshipDetail

Service: Partner Central Channel API

Detailed information about a partner relationship.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

associatedAccountId

The AWS account ID associated in this relationship.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

associationType

The type of association for the relationship.

Type: String

Valid Values: DOWNSTREAM_SELLER | END_CUSTOMER | INTERNAL

Required: No

catalog

The catalog identifier associated with the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: No

createdAt

The timestamp when the relationship was created.

Type: Timestamp

Required: No

displayName

The display name of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [^\x00-\x1F\x7F]*

Required: No

id

The unique identifier of the relationship.

Type: String

Length Constraints: Fixed length of 16.

Pattern: rs-[a-z0-9]{13}

Required: No

programManagementAccountId

The identifier of the program management account.

Type: String

Length Constraints: Fixed length of 17.

Pattern: pma - [a-z0-9]{13}

Required: No

resaleAccountModel

The resale account model for the relationship.

Type: String

Valid Values: DISTRIBUTOR | END_CUSTOMER | SOLUTION_PROVIDER

Required: No

revision

The current revision number of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

sector

The business sector for the relationship.

Type: String

Valid Values: COMMERCIAL | GOVERNMENT | GOVERNMENT_EXCEPTION

Required: No

startDate

The start date of the relationship.

Type: Timestamp

Required: No

updatedAt

The timestamp when the relationship was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RelationshipSummary

Service: Partner Central Channel API

Summary information about a partner relationship.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

associatedAccountId

The AWS account ID associated in this relationship.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

associationType

The type of association for the relationship.

Type: String

Valid Values: DOWNSTREAM_SELLER | END_CUSTOMER | INTERNAL

Required: No

catalog

The catalog identifier associated with the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [a-zA-Z]*

Required: No

createdAt

The timestamp when the relationship was created.

Type: Timestamp

Required: No

displayName

The display name of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [^\x00-\x1F\x7F]*

Required: No

id

The unique identifier of the relationship.

Type: String

Length Constraints: Fixed length of 16.

Pattern: rs-[a-z0-9]{13}

Required: No

programManagementAccountId

The identifier of the program management account.

Type: String

Length Constraints: Fixed length of 17.

Pattern: pma - [a-z0-9]{13}

Required: No

revision

The current revision number of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

sector

The business sector for the relationship.

Type: String

Valid Values: COMMERCIAL | GOVERNMENT | GOVERNMENT_EXCEPTION

Required: No

startDate

The start date of the relationship.

Type: Timestamp

Required: No

updatedAt

The timestamp when the relationship was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ResoldEnterprise

Service: Partner Central Channel API

Configuration for resold enterprise support plans.

Contents

Note

In the following list, the required parameters are described first.

coverage

The coverage level for resold enterprise support.

Type: String

Valid Values: ENTIRE_ORGANIZATION | MANAGEMENT_ACCOUNT_ONLY

Required: Yes

tamLocation

The location of the Technical Account Manager (TAM).

Type: String

Required: Yes

chargeAccountId

The AWS account ID to charge for the support plan.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ResoldUnifiedOperations

Service: Partner Central Channel API

Configuration for resold unified operations support plans.

Contents

Note

In the following list, the required parameters are described first.

coverage

The coverage level for resold unified operations support.

Type: String

Valid Values: ENTIRE_ORGANIZATION | MANAGEMENT_ACCOUNT_ONLY

Required: Yes

tamLocation

The location of the Technical Account Manager (TAM).

Type: String

Required: Yes

chargeAccountId

The AWS account ID to charge for the support plan.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]*

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RevokeServicePeriodHandshakeDetail

Service: Partner Central Channel API

Details specific to revoke service period handshakes.

Contents

Note

In the following list, the required parameters are described first.

endDate

The end date of the service period being revoked.

Type: Timestamp

Required: No

minimumNoticeDays

The minimum number of days notice required for revocation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

note

A note explaining the reason for revoking the service period.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 300.

Pattern: [^\x00-\x1F\x7F]*

Required: No

servicePeriodType

The type of service period being revoked.

Type: String

Valid Values: MINIMUM_NOTICE_PERIOD | FIXED_COMMITMENT_PERIOD

Required: No

startDate

The start date of the service period being revoked.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RevokeServicePeriodPayload

Service: Partner Central Channel API

Payload for revoke service period handshake requests.

Contents

Note

In the following list, the required parameters are described first.

programManagementAccountIdentifier

The identifier of the program management account.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: `(arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}`

Required: Yes

note

A note explaining the reason for revoking the service period.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 300.

Pattern: `[^\x00-\x1F\x7F]*`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RevokeServicePeriodTypeFilters

Service: Partner Central Channel API

Filters specific to revoke service period handshakes.

Contents

Note

In the following list, the required parameters are described first.

servicePeriodTypes

Filter by service period types.

Type: Array of strings

Valid Values: MINIMUM_NOTICE_PERIOD | FIXED_COMMITMENT_PERIOD

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RevokeServicePeriodTypeSort

Service: Partner Central Channel API

Sorting options specific to revoke service period handshakes.

Contents

Note

In the following list, the required parameters are described first.

sortBy

The field to sort by.

Type: String

Valid Values: UpdatedAt

Required: Yes

sortOrder

The sort order (ascending or descending).

Type: String

Valid Values: Ascending | Descending

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

StartServicePeriodHandshakeDetail

Service: Partner Central Channel API

Details specific to start service period handshakes.

Contents

Note

In the following list, the required parameters are described first.

endDate

The end date of the service period.

Type: Timestamp

Required: No

minimumNoticeDays

The minimum number of days notice required for changes.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

note

A note providing additional information about the service period.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 300.

Pattern: [^\x00-\x1F\x7F]*

Required: No

servicePeriodType

The type of service period being started.

Type: String

Valid Values: MINIMUM_NOTICE_PERIOD | FIXED_COMMITMENT_PERIOD

Required: No

startDate

The start date of the service period.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

StartServicePeriodPayload

Service: Partner Central Channel API

Payload for start service period handshake requests.

Contents

Note

In the following list, the required parameters are described first.

programManagementAccountIdentifier

The identifier of the program management account.

Type: String

Length Constraints: Minimum length of 17. Maximum length of 1011.

Pattern: `(arn:[a-z-]+:partnercentral:[a-z0-9-]+:[0-9]{12}:catalog/[a-zA-Z]+/program-management-account/)?pma-[a-z0-9]{13}`

Required: Yes

servicePeriodType

The type of service period being started.

Type: String

Valid Values: `MINIMUM_NOTICE_PERIOD` | `FIXED_COMMITMENT_PERIOD`

Required: Yes

endDate

The end date of the service period.

Type: Timestamp

Required: No

minimumNoticeDays

The minimum number of days notice required for changes.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

note

A note providing additional information about the service period.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 300.

Pattern: [^\x00-\x1F\x7F]*

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

StartServicePeriodTypeFilters

Service: Partner Central Channel API

Filters specific to start service period handshakes.

Contents

Note

In the following list, the required parameters are described first.

servicePeriodTypes

Filter by service period types.

Type: Array of strings

Valid Values: MINIMUM_NOTICE_PERIOD | FIXED_COMMITMENT_PERIOD

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

StartServicePeriodTypeSort

Service: Partner Central Channel API

Sorting options specific to start service period handshakes.

Contents

Note

In the following list, the required parameters are described first.

sortBy

The field to sort by.

Type: String

Valid Values: UpdatedAt

Required: Yes

sortOrder

The sort order (ascending or descending).

Type: String

Valid Values: Ascending | Descending

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SupportPlan

Service: Partner Central Channel API

Configuration for different types of support plans.

Contents

Note

In the following list, the required parameters are described first.

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

partnerLedSupport

Configuration for partner-led support plans.

Type: [PartnerLedSupport](#) object

Required: No

resoldEnterprise

Configuration for resold enterprise support plans.

Type: [ResoldEnterprise](#) object

Required: No

resoldUnifiedOperations

Configuration for resold unified operations support plans.

Type: [ResoldUnifiedOperations](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tag

Service: Partner Central Channel API

A key-value pair that can be associated with a resource.

Contents

Note

In the following list, the required parameters are described first.

key

The key of the tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: (`[\\p{L}\\p{Z}\\p{N}_.: /+=\\-@]*`)

Required: Yes

value

The value of the tag.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: (`[\\p{L}\\p{Z}\\p{N}_.: /+=\\-@]*`)

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdateProgramManagementAccountDetail

Service: Partner Central Channel API

Contains details about an updated program management account.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the updated program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

displayName

The updated display name of the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[^\x00-\x1F\x7F]*`

Required: No

id

The unique identifier of the updated program management account.

Type: String

Length Constraints: Fixed length of 17.

Pattern: `pma-[a-z0-9]{13}`

Required: No

revision

The new revision number of the program management account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdateRelationshipDetail

Service: Partner Central Channel API

Contains details about an updated relationship.

Contents

Note

In the following list, the required parameters are described first.

arn

The Amazon Resource Name (ARN) of the updated relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Required: No

displayName

The updated display name of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[\x00-\x1F\x7F]*`

Required: No

id

The unique identifier of the updated relationship.

Type: String

Length Constraints: Fixed length of 16.

Pattern: `rs-[a-z0-9]{13}`

Required: No

revision

The new revision number of the relationship.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Pattern: [0-9]*

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionField

Service: Partner Central Channel API

Information about a field that failed validation.

Contents

Note

In the following list, the required parameters are described first.

code

The validation error code for the field.

Type: String

Required: Yes

message

A descriptive message about the validation error.

Type: String

Required: Yes

name

The name of the field that failed validation.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

NotAuthorized

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

OptInRequired

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

RequestAbortedException

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

RequestEntityTooLargeException

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

RequestTimeoutException

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

ServiceUnavailable

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

ThrottlingException

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

UnknownOperationException

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

UnrecognizedClientException

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

ValidationError

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key/YYYYMMDD/region/service/aws4_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Release notes

This page contains a summary of the significant changes to the documentation for the AWS Partner Central API, starting with the most recent update.

Revision history

Change	Description	Date
RC 5.1	- EUR currency support: <code>CreateOpportunity</code> , <code>UpdateOpportunity</code> , and <code>CreateEngagementInvitation</code> now accept EUR in addition to USD for the MRR currency code. When the AWS Partition is <code>aws-eusc</code> (AWS European Sovereign Cloud), the currency code must be EUR. - EUR in read operation s: <code>GetOpportunity</code> , <code>ListOpportunities</code> , and <code>GetAwsOpportunitySummary</code> now return EUR in the <code>CurrencyCode</code> field for opportunities in the <code>aws-eusc</code> partition.	2026-03-30
RC 5	Introduced Account API: Added a new Account API to AWS Partner Central, enabling partners to manage their account information, registrat	2025-11-30

Change	Description	Date
	ion, profiles, domain management, and partner connections. • Account API reference documentation: Added comprehensive API reference documenta tion for the Account API, including partner registrat ion, profile managemen t, domain verification, and account connection workflows. • Account API logging: Added logging support and documentation for the Account API to help audit and track API usage. • Account API notifications: Added event notification support for the Account API, enabling partners to receive real-time updates on account-related activitie s including partner account connections. • Account API quotas: Added service quotas documenta tion for the Account API. • Sandbox testing for Account API: Added sandbox testing capabilit ies for the Account API, allowing partners to test	

Change	Description	Date
	account management workflows in a non-production environment. • Introduced Benefits API: Added a new Benefits API to AWS Partner Central, enabling partners to discover, apply for, and manage benefits across AWS Partner Programs through a centralized interface. • Benefits API reference documentation: Added comprehensive API reference documentation for the Benefits API, covering benefit applications, allocations, and fulfillment processes. • Benefits API logging: Added logging support and documentation for the Benefits API to help audit and track API usage. • Benefits API notifications: Added event notification support for the Benefits API, enabling partners to receive real-time updates on benefit applications and allocations.	

Change	Description	Date
	• Benefits API quotas: Added service quotas documentation for the Benefits API. • Sandbox testing for Benefits API: Added sandbox testing capabilities for the Benefits API, allowing partners to test benefit management workflows in a non-production environment. • Updated Selling API: Enhanced Selling API engagement actions to support lead management workflow. • Selling API documentation updates: Enhanced Selling API documentation with improved structure and updated workflows for lead management. • Selling API notifications updates: Enhanced event notification documentation for Engagement and Engagement Invitation events. • API structure expansion : Expanded documentation structure to support four distinct APIs (Account, Benefits, Selling, and Channel) with dedicated	

Change	Description	Date
	sections for each API's permissions, logging, notifications, quotas, and sandbox testing. • Enhanced API usage documentation: Added comprehensive usage guides for Account and Benefits APIs with detailed workflows and integration patterns. • Supported regions documentation: Added documentation for supported AWS regions for Account and Benefits APIs. • New filter for <code>ListOpportunities</code> : Added <code>TargetCloseDate</code> filter to enable filtering opportunities by their expected close date using <code>AfterTargetCloseDate</code> and <code>BeforeTargetCloseDate</code> fields in YYYY-MM-DD format.	

Change	Description	Date
RC 4	• Introduced Channel API: Added a new Channel API to AWS Partner Central, enabling partners to manage channel relationships and partner-to-partner collaborations. • Channel API reference documentation: Added comprehensive API reference documentation for the Channel API, including all available actions and data models. • Channel API permissions: Added IAM permission policies and access control documentation specific to the Channel API. • Channel API logging: Added logging support and documentation for the Channel API to help audit and track API usage. • Channel API notifications: Added event notification support for the Channel API, enabling partners to receive real-time updates on channel-related activities.	2025-11-19

Change	Description	Date
	• Channel API quotas: Added service quotas documentation for the Channel API. • Sandbox testing for Channel API: Added sandbox testing capabilities for the Channel API, allowing partners to test channel workflows in a non-production environment. • API structure reorganization: Reorganized documentation to distinguish between the Selling API and Channel API, with dedicated sections for each API's permissions, logging, notifications, and quotas. • Supported regions documentation: Added documentation for supported AWS regions for both Selling and Channel APIs.	

Change	Description	Date
RC 3	- Updated API permission policies: Policies have been updated to reflect the new actions introduced in this release. Ensure your IAM roles and permissions are adjusted accordingly. - Custom header usage details: Added details on how to use the custom header <code>X-Amzn-User-Agent</code> to help audit and measure API usage. - Replaced actions with asynchronous actions: Replaced <code>AcceptOpportunityEngagementInvitation</code> with the asynchronous action <code>StartEngagementByAcceptingInvitationTask</code> and payload format has changed with respect to RC2. - Entity and action renaming: Changed <code>OpportunityEngagementInvitation</code> to <code>EngagementInvitation</code>. The attributes for these actions have also changed to align with the new entity. The following actions were replaced:	2024-10-17

Change	Description	Date
	• <code>GetOpportunityEngagementInvitation</code> is now <code>GetEngagementInvitation</code> . Multiple attributes in the invitation have been changed, added, or removed. • <code>ListOpportunityEngagementInvitations</code> is now <code>ListEngagementInvitations</code> . • <code>RejectOpportunityEngagementInvitation</code> is now <code>RejectEngagementInvitation</code> . • <code>AssignOpportunity</code> parameter update: <code>AssignOpportunity</code> now takes <code>Assignee</code> instead of <code>AssigneeEmail</code> . Update your implementations accordingly. • <code>SubmitOpportunity</code> functionality change: <code>SubmitOpportunity</code> is now performed by the asynchronous action <code>StartEngagementFromOpportunityTask</code> .	

Change	Description	Date
	SubmitOpportunity now accepts InvolvementType and Visibility . • Attribute renaming and expansion: EstimatedAwsMonthlyRevenue changed to ExpectedCustomerSpend . ExpectedCustomerSpend now includes new attributes, such as Frequency and TargetCompany . • New action for AWS opportunity summary: Opportunity visibility is now provided through a separate action called GetAwsOpportunitySummary . • Workflow updates for working with opportunities: The workflow for <i>Working with your opportunities</i> was updated to use the new actions introduced in this release. • Workflow updates for working with opportunities: The workflow for <i>Working with opportunities</i> was updated to use EngagementInvitati	

Change	Description	Date
	ons , which improves handling opportunities provided by AWS. • Workflow updates for tracking updates: The workflow to <i>Track Updates</i> is now <i>Working with opportunity updates</i>, enhancing clarity and efficiency in monitoring opportunity status. • New filters for listing actions: New filters are available for <code>ListSolutions</code> and <code>ListOpportunities</code> actions. • For <code>ListSolutions</code> , the new filters are <code>FilterCategory</code> , <code>FilterIdentifier</code> , and <code>FilterStatus</code> . • For <code>ListOpportunities</code> , the new filters are <code>FilterCustomerCompanyName</code> , <code>FilterIdentifier</code> , <code>FilterLastModifiedDate</code> , <code>FilterLifeCycleApprovalStatus</code> , <code>FilterLifeCycleStage</code> , and <code>FilterOrigin</code> .	

Change	Description	Date
	• Removal of <code>AccessControl</code> subobject: The <code>AccessControl</code> subobject in the opportunity model was removed. <code>NationalSecurity</code> is now a top-level attribute. • Attributes relocated to <code>GetAwsOpportunitySummary</code> : Attributes such as <code>AWSOpportunityTeam</code> , <code>insights (EngagementScore , NextBestAction)</code>, <code>origin</code>, and <code>InvolvementType</code> are now available through <code>GetAwsOpportunitySummary</code> instead of <code>GetOpportunity</code> . • Introduction of <code>InvolvementType</code> field: Introduced the <code>InvolvementType</code> field to differentiate between <code>cosell</code> and <code>visibility-only</code> opportunities. • Event name updates: Events were updated with to reflect the changes. For example, <i>Opportunity engagement invitation created</i> is now <i>Engagement invitation created</i>.	

Change	Description	Date
	• Response payload updates: All response payloads now include an ID and/or ARN. • Request payload updates: All request payloads now use identifiers as input, which accept either an ID or ARN. • Engagement entity update: The title attribute in the engagement entity was renamed EngagementTitle . • Filter prefix removal: All filters no longer include the filter prefix, simplifying the filtering mechanism. • StartEngagementFromOpportunity action update: The attribute AwsInvolvement was changed to AwsSubmission . • Invitation project details update: Invitation.ProjectDetails.TargetCompletionDate was renamed Invitation.ProjectDetails.EstimatedCompletionDate . • Revenue estimate update: Invitation.Partner	

Change	Description	Date
	RevenueEstimate is now ExpectedCustomerSpend . The data type changed from one object to an array containing one object. • Receiver account update: The field ReceiverAccount was renamed AccountReceiver . • Engagement invitation new attribute: SenderContact attribute was introduced for engagement invitations. • Customer.Contact is now an array instead of an object. OpportunityOwner , PartnerAccountManager are supported values as BusinessTitle . • PartnerOpportunityTeam is now called OpportunityTeam . • APNPrograms is now ApnPrograms • Engagement invitation statuses were updated. • ListEngagementInvitations now requires ParticipantType as RECEIVER.	

Change	Description	Date
RC 2	- Introduced a new entity called OpportunityEngagementInvitation. - Introduced a new action: ListOpportunityEngagementInvitations. - Introduced a new action: GetOpportunityEngagementInvitation. - Introduced a new event: "Opportunity Engagement Invitation Created". - Replaced AcceptOpportunity with AcceptOpportunityEngagementInvitation. - Replaced RejectOpportunity with RejectOpportunityEngagementInvitation. - Replaced "Opportunity Accepted" with "Opportunity Engagement Invitation Accepted". - Replaced "Opportunity Rejected" with "Opportunity Engagement Invitation Rejected". - PrimaryNeedsFromAWS changed to PrimaryNeedsFromAws.	2024-08-07

Change	Description	Date
	• AWSOpportunityTeam changed to AwsOpportunityTeam . • AWSSalesLifeCycle changed to AwsSalesLifeCycle . • PrimaryNeedsFromAWSChangeReason changed to PrimaryNeedsFromAwsChangeReason . • AWSAccountId changed to AwsAccountId . • ExpectedMonthlyAWSRevenue changed to ExpectedMonthlyAwsRevenue . • AWSFundingUsed changed to AwsFundingUsed . • AWSMarketplaceOffers changed to AwsMarketplaceOffers . • Country changed to CountryCode . • PartnerOpportunityContact changed to PartnerOpportunityTeam . • Updated field Contact.Title to Contact.BusinessTitle .	

Change	Description	Date
	• Updated field <code>ContactInfo</code> to <code>OwnerInfo</code> . • Changed AWS Team from a map to a list. • Added details about the list of accepted <code>RejectionReasons</code>. • Provided information on how to use <code>ClientToken</code>. • Included details on how to use <code>UpdateOpportunity</code>. • Added guidance on using AWS Products and Partner Solutions. • Provided details about the <code>OpportunityEngagementInvitation</code> entity. • Updated <code>StateOrRegion</code> to include a revised list of accepted values. • Implemented multiple bug fixes to improve performance and error messaging.	

Change	Description	Date
RC 1	• [Breaking] Renaming of ApprovalStatus to ReviewStatus: We have renamed the ApprovalStatus field to ReviewStatus to better reflect its purpose. Additionally, we're introducing a new status, Pending Submission, to indicate a draft opportunity. The ReviewStatus will now accept the following values: Pending Submission, Submitted, In Review, Approved, Rejected, and Action Required. The former Draft status will be replaced by Pending Submission. • [Breaking] Introduction of SubmitOpportunity Action: A new action, SubmitOpportunity, has been introduced. Unlike the current behavior where CreateOpportunity also submits the opportunity, you can now create an opportunity in the Pending Submission state without linking a Solution or AWS Product immediately. To complete the submission, use the AssociateOpportuni	2024-06-21

Change	Description	Date
	ty action to link a solution or product, followed by SubmitOpportunity. This separation provides better API response performance and a flexible preparation phase before submission. • [Breaking] Requirement of a Catalog Parameter and Deprecation of Sandbox Endpoint: The 'gamma' endpoint (partnercentral-selling-gamma.us-east-1.amazonaws.com) will become unavailable after 7/30/2024. All API actions now require a Catalog parameter to specify whether the operation is performed on the Sandbox or AWS catalog. Notification rules will now filter on catalog instead of environmentName. • [Breaking] Renaming of OpportunityIdentifier to Identifier: Actions AssignOpportunity, AcceptOpportunity, and RejectOpportunity now take Identifier instead of OpportunityIdentifier to keep consistent with UpdateOpportunity.	

Change	Description	Date
	• Changes from type Enum to String for APNProgram CustomerUseCase, and UseCase: We will be converting Project.APNPrograms, Marketing.ActivityUseCases, and Project.CustomerUseCase from enumeration type to string type to reduce the risks associated with changing values. These fields will accept values only from predefined lists but not natively available in the SDKs. • Enhanced Error Handling: Error handling within the APIs has been significantly improved to facilitate easier debugging and quicker resolution of issues. The new error handling structures errors in two stages: 1. Request Validation Failed: Checks for data types and format, or 2. Business Validation Failed: All issues in a payload will be listed in one response, specifying the field that has errors. This consolidated feedback allows you to troubleshoot and correct errors more efficiently.	

Change	Description	Date
	Errors codes and formats have been standardized. • Client Source Identifier: Ability for partners include the X-Amzn-User-Agent header in their requests, which helps identify the source of the traffic. Use the format [Solution Name including solution provider] [Version] For Example: AWS Partner CRM Connector v2.0.1 • Bug fix, already deployed, no change to SDK] Opportunity Creation and AWS Account ID: Partners can now launch an opportunity while changing the AWS Account ID from null to a valid value without encountering errors. Previously, a bug prevented partners from performing these actions separately. • Bug fix, already deployed, no change to SDK] Solution Association with New Opportunities: Partners can associate a solution with a newly created opportunity. Before, when partners created a new opportuni	

Change	Description	Date
	ty and simultaneously associated a solution, the solution information was being lost. This issue has been resolved. • Bug fix, already deployed, no change to SDK] Opportunity Owner's Details Display: The issue where some opportunities were displaying the owner's details in a combined "LastName" field instead of the expected "Email", "FirstName", and "LastName" fields has been corrected. • Bug fix, already deployed, no change to SDK] Customer.Account.WebsiteUrl Field Optional: The Customer.Account.WebsiteUrl field has been made optional when AccessControls.NationalSecurity field is "Yes" thus aligning the API behavior with the existing UI behavior. If the AccessControls.NationalSecurity field is "No" or null, the WebsiteUrl field will be required as a business validation.	

Change	Description	Date
	• Bug fix, already deployed, no change to SDK] AWS Account ID Requirement for Consulting Partners: The inconsistency in the UI that showed the AWS Account ID field as optional for Consulting Partners has been resolved. It is now a conditional mandatory field, as per the documentation. • Bug fix, To be deployed on 6/19, no change to SDK] Stage of a Co-sell Opportunity to Closed Lost: Partners can now successfully update the Stage of a Co-sell Opportunity to Closed Lost, as long as a Closed Lost Reason is provided. This resolves the previous error stating "Missing Required Field: Closed Lost Reason is required when closing the opportunity." • Documentation] Improvements to documentation: Made several improvements to documentation to reflect the changes.	

Change	Description	Date
	• Known issues with a pending fix and list of upcoming features: • While performing AssociateOpportunity action with Solutions or Products, the error messages from Offers are shown incorrectly. • Ability to remotely create opportunities and simulate AWS validation process in Sandbox • Postal Code returns null when it is of the format XXXXX-XXXX for US. • Next Steps and Next Step History are not available for opportunities that are marked as "Do not need support from AWS." • Unable to get historical opportunities with Customer Business Problem descriptions longer than 255 characters. • Ability to delete opportunities that are pending submission. • LeadSource is not available in the data model.	

Change	Description	Date
Beta 5	• Changed LifeCycle.Approval Status to LifeCycle .ReviewStatus • Changed Insights. ReviewComments to LifeCycle.ReviewComments • Added LifeCycle.ReviewStatusReason (new attribute) • Added New Value "Pending" to PartnerAcceptance.Status • Released SDKs for dotnet, java, javascript, python, ruby. • Updated API Reference Guide to reflect the above changes.	2024-04-19

Change	Description	Date
Beta 4	- Added Sandbox Testing: Ability to test Opportunity Event notification in Sandbox. - Added Documentation: Introduced Opportunity Event notification sample rules. - Added SDK Releases: Released SDKs for Java (V2), Javascript (V2), DotNet (V3), and Python (V3). - Updated Date Format: Updated to follow ISO standards.	2024-03-04

Change	Description	Date
Beta 3	• Added Change Log File: Introduced a change log file for better tracking of updates and changes. • Updated API Reference Guide (PDF): Released a new version of the API Reference Guide in PDF format. • Updated API Reference Guide (Web Version): Updated the web version of the API Reference Guide. • Added DotNet SDK: Released the DotNet SDK, expanding our support for different programming environments. • Updated Python Boto 3 SDK (V2): Released Version 2 of the Python Boto 3 SDK, introducing new features and improvements.	2024-01-24
Beta 2	• Added API Reference Guide (Web Version): Released a new version of the API Reference Guide (Web Version). Note: This version requires a local webserver to be run after extraction for proper functionality.	2024-01-07

Change	Description	Date
Beta 1	- Added Boto3 (Initial Release): Launched the initial release of Boto3, a Python SDK for our services. - Added Beta Program Guide: Introduced a guide for participants in our Beta testing program. - Added API Reference Guide (PDF): Uploaded the first version of our API Reference Guide in PDF format, providing comprehensive documentation for our API.	2023-12-15
Beta 0	This initial release provides a suite of functionalities to manage and optimize partner engagements and opportunities in AWS Partner Central.	2023-11-15

Document history

The following is a list of documentation releases for this API reference.

Change	Description	Date
Added documentation for Partner Central MCP Server	AWS Partner central agents MCP server provides partner central tools through the Model Context Protocol (MCP).	March 16, 2026
RC 5 release	Candidate 5 version of the AWS Partner Central API released. Introduced a new Account API to AWS Partner Central, enabling partners to manage their account information, registration, profiles, domain management, and partner connections. Introduced a new Benefits API to AWS Partner Central, enabling partners to discover, apply for, and manage benefits across AWS Partner Programs through a centralized interface. Enhanced Selling API engagement actions to support lead management workflow. Added comprehensive usage guides and API documentation for Account, Benefits APIs with detailed workflows and integration patterns. Enhanced Selling	November 30, 2025

API documentation for Engagement management with Lead context.

[RC 4 release](#)

Candidate 4 version of the AWS Partner Central API released. Introduced Channel API for managing channel relationships and partner-to-partner collaborations, enabling partners to qualify for program benefits when transacting with end customers using Billing Transfer. Documentation was re-organized to support multiple AWS Partner Central APIs.

November 19, 2025

[Added documentation for multi-partner opportunities](#)

Multi-partner opportunities (in preview) is an integrated experience in AWS Partner Central that allows AWS Partners to find and connect with other Partners and co-sell together on customer deals.

December 4, 2024

[RC 3 release](#)

Candidate 3 version of the AWS Partner Central API released

October 17, 2024

[RC 2 release](#)

Candidate 2 version of the AWS Partner Central API released

August 7, 2024

RC 1 release	Candidate 1 version of the AWS Partner Central API released	June 21, 2024
Beta 5 release	Beta 5 of the AWS Partner Central API released	April 19, 2024
Beta 4 release	Beta 4 of the AWS Partner Central API released	March 4, 2024
Beta 3 release	Beta 3 of the AWS Partner Central API released	January 24, 2024
Beta 2 release	Beta 2 of the AWS Partner Central API released	January 7, 2024
Beta 1 release	Beta 1 of the AWS Partner Central API released	December 15, 2023
Beta 0 release	AWS Partner Central API initial release	November 15, 2023