



API Reference

Amazon AppIntegrations



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Amazon AppIntegrations: API Reference

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Welcome

- [Amazon AppIntegrations actions](#)
- [Amazon AppIntegrations data types](#)

The Amazon AppIntegrations service enables you to configure and reuse connections to external applications.

For information about how you can use external applications with Amazon Connect, see the following topics in the *Amazon Connect Administrator Guide*:

- [Third-party applications \(3p apps\) in the agent workspace](#)
- [Use Amazon Q in Connect for generative AI-powered agent assistance in real-time](#)

This document was last published on March 6, 2026.

Actions

The following actions are supported:

- [CreateApplication](#)
- [CreateDataIntegration](#)
- [CreateDataIntegrationAssociation](#)
- [CreateEventIntegration](#)
- [DeleteApplication](#)
- [DeleteDataIntegration](#)
- [DeleteEventIntegration](#)
- [GetApplication](#)
- [GetDataIntegration](#)
- [GetEventIntegration](#)
- [ListApplicationAssociations](#)
- [ListApplications](#)
- [ListDataIntegrationAssociations](#)
- [ListDataIntegrations](#)
- [ListEventIntegrationAssociations](#)
- [ListEventIntegrations](#)
- [ListTagsForResource](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateApplication](#)
- [UpdateDataIntegration](#)
- [UpdateDataIntegrationAssociation](#)
- [UpdateEventIntegration](#)

CreateApplication

Creates and persists an Application resource.

Request Syntax

```
POST /applications HTTP/1.1
Content-type: application/json

{
  "ApplicationConfig": {
    "ContactHandling": {
      "Scope": "string"
    }
  },
  "ApplicationSourceConfig": {
    "ExternalUrlConfig": {
      "AccessUrl": "string",
      "ApprovedOrigins": [ "string" ]
    }
  },
  "ApplicationType": "string",
  "ClientToken": "string",
  "Description": "string",
  "IframeConfig": {
    "Allow": [ "string" ],
    "Sandbox": [ "string" ]
  },
  "InitializationTimeout": number,
  "IsService": boolean,
  "Name": "string",
  "Namespace": "string",
  "Permissions": [ "string" ],
  "Publications": [
    {
      "Description": "string",
      "Event": "string",
      "Schema": "string"
    }
  ],
  "Subscriptions": [
    {
      "Description": "string",
```

```
    "Event": "string"
  }
],
"Tags": {
  "string" : "string"
}
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ApplicationConfig

The configuration settings for the application.

Type: [ApplicationConfig](#) object

Required: No

ApplicationSourceConfig

The configuration for where the application should be loaded from.

Type: [ApplicationSourceConfig](#) object

Required: Yes

ApplicationType

The type of application.

Type: String

Valid Values: STANDARD | SERVICE | MCP_SERVER

Required: No

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: .*

Required: No

Description

The description of the application.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

Required: No

IframeConfig

The iframe configuration for the application.

Type: [IframeConfig](#) object

Required: No

InitializationTimeout

The maximum time in milliseconds allowed to establish a connection with the workspace.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 600000.

Required: No

IsService

This parameter has been deprecated.

Indicates whether the application is a service.

Type: Boolean

Required: No

Name

The name of the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: Yes

Namespace

The namespace of the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 211.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: Yes

Permissions

The configuration of events or requests that the application has access to.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 150 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-\-]*+$`

Required: No

Publications

This parameter has been deprecated.

The events that the application publishes.

Type: Array of [Publication](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

[Subscriptions](#)

This parameter has been deprecated.

The events that the application subscribes.

Type: Array of [Subscription](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

[Tags](#)

The tags used to organize, track, or control access for this resource. For example, { "tags": {"key1": "value1", "key2": "value2"} }.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: $^(?!aws:)[a-zA-Z+--=._:/]+$

Value Length Constraints: Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "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 Application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Id

A unique identifier for the Application.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DuplicateResourceException

A resource with the specified name already exists.

HTTP Status Code: 409

InternalServiceError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceQuotaExceededException

The allowed quota for the resource has been exceeded.

HTTP Status Code: 429

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

UnsupportedOperationException

The operation is not supported.

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](#)

CreateDataIntegration

Creates and persists a DataIntegration resource.

Note

You cannot create a DataIntegration association for a DataIntegration that has been previously associated. Use a different DataIntegration, or recreate the DataIntegration using the CreateDataIntegration API.

Request Syntax

```
POST /dataIntegrations HTTP/1.1
Content-type: application/json

{
  "ClientToken": "string",
  "Description": "string",
  "FileConfiguration": {
    "Filters": {
      "string" : [ "string" ]
    },
    "Folders": [ "string" ]
  },
  "KmsKey": "string",
  "Name": "string",
  "ObjectConfiguration": {
    "string" : {
      "string" : [ "string" ]
    }
  },
  "ScheduleConfig": {
    "FirstExecutionFrom": "string",
    "Object": "string",
    "ScheduleExpression": "string"
  },
  "SourceURI": "string",
  "Tags": {
    "string" : "string"
  }
}
```

```
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: .*

Required: No

Description

A description of the DataIntegration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

Required: No

FileConfiguration

The configuration for what files should be pulled from the source.

Type: [FileConfiguration](#) object

Required: No

KmsKey

The KMS key ARN for the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: .*S.*

Required: Yes

Name

The name of the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[a-zA-Z0-9\._\-]+\$

Required: Yes

ObjectConfiguration

The configuration for what data should be pulled from the source.

Type: String to string to array of strings map map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: .*S.*

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: .*S.*

Array Members: Minimum number of 1 item. Maximum number of 2048 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[a-zA-Z0-9\._\-]+\$

Required: No


```
{
  "Arn": "string",
  "ClientToken": "string",
  "Description": "string",
  "FileConfiguration": {
    "Filters": {
      "string" : [ "string" ]
    },
    "Folders": [ "string" ]
  },
  "Id": "string",
  "KmsKey": "string",
  "Name": "string",
  "ObjectConfiguration": {
    "string" : {
      "string" : [ "string" ]
    }
  },
  "ScheduleConfiguration": {
    "FirstExecutionFrom": "string",
    "Object": "string",
    "ScheduleExpression": "string"
  },
  "SourceURI": "string",
  "Tags": {
    "string" : "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)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:/_+=,@.-]{0,1023}$`

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `.*`

Description

A description of the DataIntegration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `.*`

FileConfiguration

The configuration for what files should be pulled from the source.

Type: [FileConfiguration](#) object

Id

A unique identifier.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

KmsKey

The KMS key ARN for the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Name

The name of the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\|\._\-]+$`

ObjectConfiguration

The configuration for what data should be pulled from the source.

Type: String to string to array of strings map map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: `.*\S.*`

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: `.*\S.*`

Array Members: Minimum number of 1 item. Maximum number of 2048 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\|\._\-]+$`

ScheduleConfiguration

The name of the data and how often it should be pulled from the source.

Type: [ScheduleConfiguration](#) object

SourceURI

The URI of the data source.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `^(\\w+\\:\\\\|\\w+\\. -]+[\\w/!@#+=. -]+$)|(\\w+\\:\\\\|\\w+\\. -]+[\\w/!@#+=. -]+[\\w/!@#+=. -]+[\\w/!@#+=. , -]+$)`

Tags

The tags used to organize, track, or control access for this resource. For example, { "tags": {"key1": "value1", "key2": "value2"} }.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `^(?!aws:)[a-zA-Z+-. _:/]+$`

Value Length Constraints: Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DuplicateResourceException

A resource with the specified name already exists.

HTTP Status Code: 409

InternalServiceError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceQuotaExceededException

The allowed quota for the resource has been exceeded.

HTTP Status Code: 429

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

CreateDataIntegrationAssociation

Creates and persists a DataIntegrationAssociation resource.

Request Syntax

```
POST /dataIntegrations/Identifier/associations HTTP/1.1
Content-type: application/json
```

```
{
  "ClientAssociationMetadata": {
    "string" : "string"
  },
  "ClientId": "string",
  "ClientToken": "string",
  "DestinationURI": "string",
  "ExecutionConfiguration": {
    "ExecutionMode": "string",
    "OnDemandConfiguration": {
      "EndTime": "string",
      "StartTime": "string"
    },
    "ScheduleConfiguration": {
      "FirstExecutionFrom": "string",
      "Object": "string",
      "ScheduleExpression": "string"
    }
  },
  "ObjectConfiguration": {
    "string" : {
      "string" : [ "string" ]
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

Identifier

A unique identifier for the DataIntegration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientAssociationMetadata

The mapping of metadata to be extracted from the data.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: `.*\S.*`

Value Length Constraints: Minimum length of 1. Maximum length of 255.

Value Pattern: `.*\S.*`

Required: No

ClientId

The identifier for the client that is associated with the DataIntegration association.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*`

Required: No

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: .*

Required: No

DestinationURI

The URI of the data destination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: ^(\w+\:\w+\[\w.-]+\[\w/!@#+=.-]+)\$|(\w+\:\w+\[\w.-]+\[\w/!@#+=.-]+\[\w/!@#+=.-]+\[\w/!@#+=.-]+)\$

Required: No

ExecutionConfiguration

The configuration for how the files should be pulled from the source.

Type: [ExecutionConfiguration](#) object

Required: No

ObjectConfiguration

The configuration for what data should be pulled from the source.

Type: String to string to array of strings map map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: .*\.S.*

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: .*\.S.*

Array Members: Minimum number of 1 item. Maximum number of 2048 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "DataIntegrationArn": "string",
  "DataIntegrationAssociationId": "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.

DataIntegrationArn

The Amazon Resource Name (ARN) for the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

DataIntegrationAssociationId

A unique identifier. for the DataIntegrationAssociation.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ResourceQuotaExceededException

The allowed quota for the resource has been exceeded.

HTTP Status Code: 429

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

CreateEventIntegration

Creates an EventIntegration, given a specified name, description, and a reference to an Amazon EventBridge bus in your account and a partner event source that pushes events to that bus. No objects are created in the your account, only metadata that is persisted on the EventIntegration control plane.

Request Syntax

```
POST /eventIntegrations HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "ClientToken": "string",
  "Description": "string",
  "EventBridgeBus": "string",
  "EventFilter": {
    "Source": "string"
  },
  "Name": "string",
  "Tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: .*

Required: No

Description

The description of the event integration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

Required: No

EventBridgeBus

The EventBridge bus.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[a-zA-Z0-9\|\._\-]+\$

Required: Yes

EventFilter

The event filter.

Type: [EventFilter](#) object

Required: Yes

Name

The name of the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+`

Required: Yes

Tags

The tags used to organize, track, or control access for this resource. For example, { "tags": {"key1": "value1", "key2": "value2"} }.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `^(?!aws:)[a-zA-Z+-. _:/]+`

Value Length Constraints: Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "EventIntegrationArn": "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.

[EventIntegrationArn](#)

The Amazon Resource Name (ARN) of the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DuplicateResourceException

A resource with the specified name already exists.

HTTP Status Code: 409

InternalServiceError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceQuotaExceededException

The allowed quota for the resource has been exceeded.

HTTP Status Code: 429

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

DeleteApplication

Deletes the Application. Only Applications that don't have any Application Associations can be deleted.

Request Syntax

```
DELETE /applications/ApplicationIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ApplicationIdentifier

The Amazon Resource Name (ARN) of the Application.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}|[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(:[\w\$\+]?)?$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

DeleteDataIntegration

Deletes the DataIntegration. Only DataIntegrations that don't have any DataIntegrationAssociations can be deleted. Deleting a DataIntegration also deletes the underlying Amazon AppFlow flow and service linked role.

Note

You cannot create a DataIntegration association for a DataIntegration that has been previously associated. Use a different DataIntegration, or recreate the DataIntegration using the [CreateDataIntegration](#) API.

Request Syntax

```
DELETE /dataIntegrations/Identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Identifier

A unique identifier for the DataIntegration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

DeleteEventIntegration

Deletes the specified existing event integration. If the event integration is associated with clients, the request is rejected.

Request Syntax

```
DELETE /eventIntegrations/Name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Name

The name of the event integration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

GetApplication

Get an Application resource.

Request Syntax

```
GET /applications/ApplicationIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ApplicationIdentifier

The Amazon Resource Name (ARN) of the Application.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}|[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(:[\w\$$]+)?$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ApplicationConfig": {
    "ContactHandling": {
      "Scope": "string"
    }
  },
  "ApplicationSourceConfig": {
```

```
    "ExternalUrlConfig": {
      "AccessUrl": "string",
      "ApprovedOrigins": [ "string" ]
    }
  },
  "ApplicationType": "string",
  "Arn": "string",
  "CreatedTime": number,
  "Description": "string",
  "Id": "string",
  "IframeConfig": {
    "Allow": [ "string" ],
    "Sandbox": [ "string" ]
  },
  "InitializationTimeout": number,
  "IsService": boolean,
  "LastModifiedTime": number,
  "Name": "string",
  "Namespace": "string",
  "Permissions": [ "string" ],
  "Publications": [
    {
      "Description": "string",
      "Event": "string",
      "Schema": "string"
    }
  ],
  "Subscriptions": [
    {
      "Description": "string",
      "Event": "string"
    }
  ],
  "Tags": {
    "string" : "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.

ApplicationConfig

The configuration settings for the application.

Type: [ApplicationConfig](#) object

ApplicationSourceConfig

The configuration for where the application should be loaded from.

Type: [ApplicationSourceConfig](#) object

ApplicationType

The type of application.

Type: String

Valid Values: STANDARD | SERVICE | MCP_SERVER

Arn

The Amazon Resource Name (ARN) of the Application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9]_[A-Za-z0-9:/+=,@.-]{0,1023}$`

CreatedTime

The created time of the Application.

Type: Timestamp

Description

The description of the application.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `.*`

Id

A unique identifier for the Application.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

IframeConfig

The iframe configuration for the application.

Type: [IframeConfig](#) object

InitializationTimeout

The maximum time in milliseconds allowed to establish a connection with the workspace.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 600000.

IsService

This parameter has been deprecated.

Indicates whether the application is a service.

Type: Boolean

LastModifiedTime

The last modified time of the Application.

Type: Timestamp

Name

The name of the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[a-zA-Z0-9\._ \-]+\$

Namespace

The namespace of the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 211.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Permissions

The configuration of events or requests that the application has access to.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 150 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-*]+$`

Publications

This parameter has been deprecated.

The events that the application publishes.

Type: Array of [Publication](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Subscriptions

This parameter has been deprecated.

The events that the application subscribes.

Type: Array of [Subscription](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Tags

The tags used to organize, track, or control access for this resource. For example, { "tags": { "key1": "value1", "key2": "value2" } }.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `^(?!aws:)[a-zA-Z+-. _:/]+$`

Value Length Constraints: Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

GetDataIntegration

Returns information about the DataIntegration.

Note

You cannot create a DataIntegration association for a DataIntegration that has been previously associated. Use a different DataIntegration, or recreate the DataIntegration using the [CreateDataIntegration](#) API.

Request Syntax

```
GET /dataIntegrations/Identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Identifier

A unique identifier.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
```

```

"Arn": "string",
"Description": "string",
"FileConfiguration": {
  "Filters": {
    "string" : [ "string" ]
  },
  "Folders": [ "string" ]
},
"Id": "string",
"KmsKey": "string",
"Name": "string",
"ObjectConfiguration": {
  "string" : {
    "string" : [ "string" ]
  }
},
"ScheduleConfiguration": {
  "FirstExecutionFrom": "string",
  "Object": "string",
  "ScheduleExpression": "string"
},
"SourceURI": "string",
"Tags": {
  "string" : "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) for the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9]_[A-Za-z0-9:/+=,@.-]{0,1023}$`

Description

The KMS key ARN for the DataIntegration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

FileConfiguration

The configuration for what files should be pulled from the source.

Type: [FileConfiguration](#) object

Id

A unique identifier.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

KmsKey

The KMS key ARN for the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: .*\\S.*

Name

The name of the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[a-zA-Z0-9\\/_\\.\\-]+\$

ObjectConfiguration

The configuration for what data should be pulled from the source.

Value Length Constraints: Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

GetEventIntegration

Returns information about the event integration.

Request Syntax

```
GET /eventIntegrations/Name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Name

The name of the event integration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Description": "string",
  "EventBridgeBus": "string",
  "EventFilter": {
    "Source": "string"
  },
  "EventIntegrationArn": "string",
  "Name": "string",
  "Tags": {
```

```
    "string" : "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.

Description

The description of the event integration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

EventBridgeBus

The EventBridge bus.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[a-zA-Z0-9\._\-]+\$

EventFilter

The event filter.

Type: [EventFilter](#) object

EventIntegrationArn

The Amazon Resource Name (ARN) for the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: ^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9:_/+=@.-]{0,1023}\$

Name

The name of the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Tags

The tags used to organize, track, or control access for this resource. For example, { "tags": {"key1": "value1", "key2": "value2"} }.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `^(?!aws:)[a-zA-Z+-._: /]+$`

Value Length Constraints: Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

ListApplicationAssociations

Returns a paginated list of application associations for an application.

Request Syntax

```
GET /applications/ApplicationIdentifier/associations?  
maxResults=MaxResults&nextToken=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ApplicationIdentifier

A unique identifier for the Application.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}|[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(:[\w\$]+)?$`

Required: Yes

MaxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `.*`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ApplicationAssociations": [
    {
      "ApplicationArn": "string",
      "ApplicationAssociationArn": "string",
      "ClientId": "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.

[ApplicationAssociations](#)

List of Application Associations for the Application.

Type: Array of [ApplicationAssociationSummary](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

[NextToken](#)

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

ListApplications

Lists applications in the account.

Request Syntax

```
GET /applications?  
applicationType=ApplicationType&maxResults=MaxResults&nextToken=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ApplicationType

The type of application.

Valid Values: STANDARD | SERVICE | MCP_SERVER

MaxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200  
Content-type: application/json
```

```
{
  "Applications": [
    {
      "ApplicationType": "string",
      "Arn": "string",
      "CreatedTime": number,
      "Id": "string",
      "IsService": boolean,
      "LastModifiedTime": number,
      "Name": "string",
      "Namespace": "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.

[Applications](#)

The Applications associated with this account.

Type: Array of [ApplicationSummary](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

[NextToken](#)

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

ListDataIntegrationAssociations

Returns a paginated list of DataIntegration associations in the account.

Note

You cannot create a DataIntegration association for a DataIntegration that has been previously associated. Use a different DataIntegration, or recreate the DataIntegration using the [CreateDataIntegration](#) API.

Request Syntax

```
GET /dataIntegrations/Identifier/associations?maxResults=MaxResults&nextToken=NextToken
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Identifier

A unique identifier for the DataIntegration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: Yes

MaxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "DataIntegrationAssociations": [
    {
      "ClientId": "string",
      "DataIntegrationArn": "string",
      "DataIntegrationAssociationArn": "string",
      "DestinationURI": "string",
      "ExecutionConfiguration": {
        "ExecutionMode": "string",
        "OnDemandConfiguration": {
          "EndTime": "string",
          "StartTime": "string"
        },
        "ScheduleConfiguration": {
          "FirstExecutionFrom": "string",
          "Object": "string",
          "ScheduleExpression": "string"
        }
      },
      "LastExecutionStatus": {
        "ExecutionStatus": "string",
        "StatusMessage": "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.

DataIntegrationAssociations

The Amazon Resource Name (ARN) and unique ID of the DataIntegration association.

Type: Array of [DataIntegrationAssociationSummary](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

NextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

ListDataIntegrations

Returns a paginated list of DataIntegrations in the account.

Note

You cannot create a DataIntegration association for a DataIntegration that has been previously associated. Use a different DataIntegration, or recreate the DataIntegration using the [CreateDataIntegration](#) API.

Request Syntax

```
GET /dataIntegrations?maxResults=MaxResults&nextToken=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "DataIntegrations": [
    {
      "Arn": "string",
      "Name": "string",
      "SourceURI": "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.

DataIntegrations

The DataIntegrations associated with this account.

Type: Array of [DataIntegrationSummary](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

NextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

ListEventIntegrationAssociations

Returns a paginated list of event integration associations in the account.

Request Syntax

```
GET /eventIntegrations/Name/associations?maxResults=MaxResults&nextToken=NextToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Name

The name of the event integration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: Yes

MaxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `.*`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "EventIntegrationAssociations": [
    {
      "ClientAssociationMetadata": {
        "string" : "string"
      },
      "ClientId": "string",
      "EventBridgeRuleName": "string",
      "EventIntegrationAssociationArn": "string",
      "EventIntegrationAssociationId": "string",
      "EventIntegrationName": "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.

[EventIntegrationAssociations](#)

The event integration associations.

Type: Array of [EventIntegrationAssociation](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

[NextToken](#)

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

ListEventIntegrations

Returns a paginated list of event integrations in the account.

Request Syntax

```
GET /eventIntegrations?maxResults=MaxResults&nextToken=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: . *

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "EventIntegrations": [
    {
      "Description": "string",
      "EventBridgeBus": "string",
```

```
    "EventFilter": {
      "Source": "string"
    },
    "EventIntegrationArn": "string",
    "Name": "string",
    "Tags": {
      "string" : "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.

EventIntegrations

The event integrations.

Type: Array of [EventIntegration](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

NextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: .*

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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

Lists the tags for the specified resource.

Request Syntax

```
GET /tags/resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "tags": {
    "string" : "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

Information about the tags.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `^(?!aws:)[a-zA-Z+-. _:/]+$`

Value Length Constraints: Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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

Adds the specified tags to the specified resource.

Request Syntax

```
POST /tags/resourceArn HTTP/1.1
Content-type: application/json
```

```
{
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

[resourceArn](#)

The Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[tags](#)

The tags used to organize, track, or control access for this resource. For example, { "tags": { "key1": "value1", "key2": "value2" } }.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `^(?!aws:)[a-zA-Z+-. _:/]+$`

Value Length Constraints: Maximum length of 256.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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

Removes the specified tags from the specified resource.

Request Syntax

```
DELETE /tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: Yes

tagKeys

The tag keys.

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `^(?!aws:)[a-zA-Z+-. _:/]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

UpdateApplication

Updates and persists an Application resource.

Request Syntax

```
PATCH /applications/ApplicationIdentifier HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "ApplicationConfig": {
    "ContactHandling": {
      "Scope": "string"
    }
  },
  "ApplicationSourceConfig": {
    "ExternalUrlConfig": {
      "AccessUrl": "string",
      "ApprovedOrigins": [ "string" ]
    }
  },
  "ApplicationType": "string",
  "Description": "string",
  "IframeConfig": {
    "Allow": [ "string" ],
    "Sandbox": [ "string" ]
  },
  "InitializationTimeout": number,
  "IsService": boolean,
  "Name": "string",
  "Permissions": [ "string" ],
  "Publications": [
    {
      "Description": "string",
      "Event": "string",
      "Schema": "string"
    }
  ],
  "Subscriptions": [
    {
      "Description": "string",
      "Event": "string"
    }
  ]
}
```

```
]
}
```

URI Request Parameters

The request uses the following URI parameters.

[ApplicationIdentifier](#)

The Amazon Resource Name (ARN) of the Application.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}|[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(:[\w\$\s]+)?$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[ApplicationConfig](#)

The configuration settings for the application.

Type: [ApplicationConfig](#) object

Required: No

[ApplicationSourceConfig](#)

The configuration for where the application should be loaded from.

Type: [ApplicationSourceConfig](#) object

Required: No

[ApplicationType](#)

The type of application.

Type: String

Valid Values: STANDARD | SERVICE | MCP_SERVER

Required: No

Description

The description of the application.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

Required: No

IframeConfig

The iframe configuration for the application.

Type: [IframeConfig](#) object

Required: No

InitializationTimeout

The maximum time in milliseconds allowed to establish a connection with the workspace.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 600000.

Required: No

IsService

This parameter has been deprecated.

Indicates whether the application is a service.

Type: Boolean

Required: No

Name

The name of the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-\]+$`

Required: No

Permissions

The configuration of events or requests that the application has access to.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 150 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-\]+$`

Required: No

Publications

This parameter has been deprecated.

The events that the application publishes.

Type: Array of [Publication](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

Subscriptions

This parameter has been deprecated.

The events that the application subscribes.

Type: Array of [Subscription](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

UnsupportedOperationException

The operation is not supported.

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](#)

UpdateDataIntegration

Updates the description of a DataIntegration.

Note

You cannot create a DataIntegration association for a DataIntegration that has been previously associated. Use a different DataIntegration, or recreate the DataIntegration using the [CreateDataIntegration](#) API.

Request Syntax

```
PATCH /dataIntegrations/Identifier HTTP/1.1
Content-type: application/json

{
  "Description": "string",
  "Name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[Identifier](#)

A unique identifier for the DataIntegration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Description

A description of the DataIntegration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

Required: No

Name

The name of the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[a-zA-Z0-9\._\-]+\$

Required: No

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

UpdateDataIntegrationAssociation

Updates and persists a DataIntegrationAssociation resource.

Note

Updating a DataIntegrationAssociation with ExecutionConfiguration will rerun the on-demand job.

Request Syntax

```
PATCH /dataIntegrations/Identifier/associations/DataIntegrationAssociationIdentifier
HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "ExecutionConfiguration": {
    "ExecutionMode": "string",
    "OnDemandConfiguration": {
      "EndTime": "string",
      "StartTime": "string"
    },
    "ScheduleConfiguration": {
      "FirstExecutionFrom": "string",
      "Object": "string",
      "ScheduleExpression": "string"
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

DataIntegrationAssociationIdentifier

A unique identifier. of the DataIntegrationAssociation resource

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: .*\\S.*

Required: Yes

Identifier

A unique identifier for the DataIntegration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: .*\\S.*

Required: Yes

Request Body

The request accepts the following data in JSON format.

ExecutionConfiguration

The configuration for how the files should be pulled from the source.

Type: [ExecutionConfiguration](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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](#)

UpdateEventIntegration

Updates the description of an event integration.

Request Syntax

```
PATCH /eventIntegrations/Name HTTP/1.1
Content-type: application/json

{
  "Description": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

Name

The name of the event integration.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Description

The description of the event integration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `.*`

Required: No

Response Syntax

```
HTTP/1.1 200
```

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Request processing failed due to an error or failure with the service.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 429

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 Amazon AppIntegrations Service API contains several data types that various actions use. This section describes each data type in detail.

Note

The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- [ApplicationAssociationSummary](#)
- [ApplicationConfig](#)
- [ApplicationSourceConfig](#)
- [ApplicationSummary](#)
- [ContactHandling](#)
- [DataIntegrationAssociationSummary](#)
- [DataIntegrationSummary](#)
- [EventFilter](#)
- [EventIntegration](#)
- [EventIntegrationAssociation](#)
- [ExecutionConfiguration](#)
- [ExternalUrlConfig](#)
- [FileConfiguration](#)
- [IframeConfig](#)
- [LastExecutionStatus](#)
- [OnDemandConfiguration](#)
- [Publication](#)
- [ScheduleConfiguration](#)
- [Subscription](#)

ApplicationAssociationSummary

Summary information about the Application Association.

Contents

ApplicationArn

The Amazon Resource Name (ARN) of the Application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: No

ApplicationAssociationArn

The Amazon Resource Name (ARN) of the Application Association.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: No

ClientId

The identifier for the client that is associated with the Application Association.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*`

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](#)

ApplicationConfig

The configuration settings for the application.

Contents

ContactHandling

The contact handling configuration for the application.

Type: [ContactHandling](#) 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](#)

ApplicationSourceConfig

The configuration for where the application should be loaded from.

Contents

ExternalUrlConfig

The external URL source for the application.

Type: [ExternalUrlConfig](#) 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](#)

ApplicationSummary

Summary information about the Application.

Contents

ApplicationType

The type of application.

Type: String

Valid Values: STANDARD | SERVICE | MCP_SERVER

Required: No

Arn

The Amazon Resource Name (ARN) of the Application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:/_+=,@.-]{0,1023}$`

Required: No

CreatedTime

The time when the application was created.

Type: Timestamp

Required: No

Id

A unique identifier for the Application.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

IsService

This member has been deprecated.

Indicates whether the application is a service.

Type: Boolean

Required: No

LastModifiedTime

The time when the application was last modified.

Type: Timestamp

Required: No

Name

The name of the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-\]+$`

Required: No

Namespace

The namespace of the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 211.

Pattern: `^[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](#)

ContactHandling

The contact handling configuration for the application.

Contents

Scope

Indicates whether the application refreshes for each contact or refreshes only with each new browser session.

Type: String

Valid Values: CROSS_CONTACTS | PER_CONTACT

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](#)

DataIntegrationAssociationSummary

Summary information about the DataIntegration association.

Contents

ClientId

The identifier for the client that is associated with the DataIntegration association.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: .*

Required: No

DataIntegrationArn

The Amazon Resource Name (ARN) of the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: No

DataIntegrationAssociationArn

The Amazon Resource Name (ARN) of the DataIntegration association.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: No

DestinationURI

The URI of the data destination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `^(\\w+\\:\\\\|\\w+\\. -]+[\\w/!@#+=. -]+$)|(\\w+\\:\\\\|\\w+\\. -]+[\\w/!@#+=. -]+[\\w/!@#+=. , -]+$)`

Required: No

ExecutionConfiguration

The configuration for how the files should be pulled from the source.

Type: [ExecutionConfiguration](#) object

Required: No

LastExecutionStatus

The execution status of the last job.

Type: [LastExecutionStatus](#) 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](#)

DataIntegrationSummary

Summary information about the DataIntegration.

Contents

Arn

The Amazon Resource Name (ARN) of the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9:/_+=,.-]{0,1023}$`

Required: No

Name

The name of the DataIntegration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: No

SourceURI

The URI of the data source.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `^(\\w+\\:\\\\[\\w.-]+[\\w/!@#+=.-]+$)|(\\w+\\:\\\\[\\w.-]+[\\w/!@#+=.-]+[\\w/!@#+=.-]+[\\w/!@#+=.-]+$)`

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](#)

EventFilter

The event filter.

Contents

Source

The source of the events.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `^aws\.(partner\/.*|cases)$`

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](#)

EventIntegration

The event integration.

Contents

Description

The event integration description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: .*

Required: No

EventBridgeBus

The Amazon EventBridge bus for the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: No

EventFilter

The event integration filter.

Type: [EventFilter](#) object

Required: No

EventIntegrationArn

The Amazon Resource Name (ARN) of the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}$`

Required: No

Name

The name of the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: No

Tags

The tags used to organize, track, or control access for this resource. For example, { "tags": {"key1": "value1", "key2": "value2"} }.

Type: String to string map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `^(?!aws:)[a-zA-Z+-._: /]+$`

Value Length Constraints: Maximum length of 256.

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](#)

EventIntegrationAssociation

The event integration association.

Contents

ClientAssociationMetadata

The metadata associated with the client.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: `.*\S.*`

Value Length Constraints: Minimum length of 1. Maximum length of 255.

Value Pattern: `.*\S.*`

Required: No

ClientId

The identifier for the client that is associated with the event integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*`

Required: No

EventBridgeRuleName

The name of the EventBridge rule.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9\._\-]+$`

Required: No

ExecutionConfiguration

The configuration for how the files should be pulled from the source.

Contents

ExecutionMode

The mode for data import/export execution.

Type: String

Valid Values: ON_DEMAND | SCHEDULED

Required: Yes

OnDemandConfiguration

The start and end time for data pull from the source.

Type: [OnDemandConfiguration](#) object

Required: No

ScheduleConfiguration

The name of the data and how often it should be pulled from the source.

Type: [ScheduleConfiguration](#) 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](#)

ExternalUrlConfig

The external URL source for the application.

Contents

AccessUrl

The URL to access the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `^\w+\:\.\$`

Required: Yes

ApprovedOrigins

Additional URLs to allow list if different than the access URL.

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: `^\w+\:\.\$`

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](#)

FileConfiguration

The configuration for what files should be pulled from the source.

Contents

Folders

Identifiers for the source folders to pull all files from recursively.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 200.

Pattern: `.*\S.*`

Required: Yes

Filters

Restrictions for what files should be pulled from the source.

Type: String to array of strings map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: `.*\S.*`

Array Members: Minimum number of 1 item. Maximum number of 2048 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[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](#)

IframeConfig

The iframe configuration for the application.

Contents

Allow

The list of features that are allowed in the iframe.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[a-z-]+$`

Required: No

Sandbox

The list of sandbox attributes for the iframe.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[a-z-]+$`

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](#)

LastExecutionStatus

The execution status of the last job.

Contents

ExecutionStatus

The job status enum string.

Type: String

Valid Values: COMPLETED | IN_PROGRESS | FAILED

Required: No

StatusMessage

The status message of a job.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: .*\\S.*

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](#)

OnDemandConfiguration

The start and end time for data pull from the source.

Contents

StartTime

The start time for data pull from the source as an Unix/epoch string in milliseconds

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: Yes

EndTime

The end time for data pull from the source as an Unix/epoch string in milliseconds

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

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](#)

Publication

The configuration of an event that the application publishes.

Contents

Event

The name of the publication.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+:[a-zA-Z0-9\._\-]+(?:*)?&`

Required: Yes

Schema

The JSON schema of the publication event.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10240.

Pattern: `^\.*&`

Required: Yes

Description

The description of the publication.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `.*`

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](#)

ScheduleConfiguration

The name of the data and how often it should be pulled from the source.

Contents

ScheduleExpression

How often the data should be pulled from data source.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: Yes

FirstExecutionFrom

The start date for objects to import in the first flow run as an Unix/epoch timestamp in milliseconds or in ISO-8601 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `.*\S.*`

Required: No

Object

The name of the object to pull from the data source.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[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](#)

Subscription

The configuration of an event that the application subscribes.

Contents

Event

The name of the subscription.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\._\-]+:[a-zA-Z0-9\._\-]+(?:*)?$`

Required: Yes

Description

The description of the subscription.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `.*`

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](#)

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*.

Action

The action to be performed.

Type: string

Required: Yes

Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

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

Common Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request is expired

HTTP Status Code: 403

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 403

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

MalformedHttpRequestException

Problems with the request at the HTTP level, e.g. we can't decompress the body according to the decompression algorithm specified by the content-encoding.

HTTP Status Code: 400

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 401

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

RequestAbortedException

Convenient exception that can be used when a request is aborted before a reply is sent back (e.g. client closed connection).

HTTP Status Code: 400

RequestEntityTooLargeException

Problems with the request at the HTTP level. The request entity is too large.

HTTP Status Code: 413

RequestExpired

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

RequestTimeoutException

Problems with the request at the HTTP level. Reading the Request timed out.

HTTP Status Code: 408

ServiceUnavailable

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

UnrecognizedClientException

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

UnknownOperationException

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 404

ValidationError

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400