aws

API Reference

AWS AppFabric

API Version 2023-05-19

AWS AppFabric: API Reference

Table of Contents

Welcome

AWS AppFabric quickly connects software as a service (SaaS) applications across your organization. This allows IT and security teams to easily manage and secure applications using a standard schema, and employees can complete everyday tasks faster using generative artificial intelligence (AI). You can use these APIs to complete AppFabric tasks, such as setting up audit log ingestions or viewing user access. For more information about AppFabric, including the required permissions to use the service, see the [AWS AppFabric Administration Guide](#). For more information about using the AWS Command Line Interface (AWS CLI) to manage your AppFabric resources, see the [AppFabric section of the AWS CLI Reference](#).

This document was last published on March 25, 2026.

Actions

The following actions are supported:

- BatchGetUserAccessTasks
- ConnectAppAuthorization
- CreateAppAuthorization
- CreateAppBundle
- CreateIngestion
- CreateIngestionDestination
- DeleteAppAuthorization
- DeleteAppBundle
- DeleteIngestion
- DeleteIngestionDestination
- GetAppAuthorization
- GetAppBundle
- GetIngestion
- GetIngestionDestination
- ListAppAuthorizations
- ListAppBundles
- ListIngestionDestinations
- ListIngestions
- ListTagsForResource
- StartIngestion
- StartUserAccessTasks
- StopIngestion
- TagResource
- UntagResource
- UpdateAppAuthorization
- UpdateIngestionDestination

BatchGetUserAccessTasks

Gets user access details in a batch request.

This action polls data from the tasks that are kicked off by the `StartUserAccessTasks` action.

Request Syntax

```
POST /useraccess/batchget HTTP/1.1
Content-type: application/json

{
    "appBundleIdentifier": "string",
    "taskIdList": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

taskIdList

The tasks IDs to use for the request.

Type: Array of strings

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

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

Required: Yes

Response Syntax

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

{
    "userAccessResultsList": [
        {
            "app": "string",
            "email": "string",
            "resultStatus": "string",
            "taskError": {
                "errorCode": "string",
                "errorMessage": "string"
            },
            "taskId": "string",
            "tenantDisplayName": "string",
            "tenantId": "string",
            "userFirstName": "string",
            "userFullName": "string",
            "userId": "string",
            "userLastName": "string",
            "userStatus": "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.

userAccessResultsList

Contains a list of user access results.

Type: Array of [UserAccessResultItem](#) objects

Errors

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

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

ConnectAppAuthorization

Establishes a connection between AWS AppFabric and an application, which allows AppFabric to call the APIs of the application.

Request Syntax

```
POST /appbundles/appBundleIdentifier/appauthorizations/appAuthorizationIdentifier/
connect HTTP/1.1
Content-type: application/json

{
   "authRequest": {
      "code": "string",
      "redirectUri": "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

appAuthorizationIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app authorization to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle that contains the app authorization to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

authRequest

Contains OAuth2 authorization information.

This is required if the app authorization for the request is configured with an OAuth2 (`oauth2`) authorization type.

Type: AuthRequest object

Required: No

Response Syntax

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

{
   "appAuthorizationSummary": {
      "app": "string",
      "appAuthorizationArn": "string",
      "appBundleArn": "string",
      "status": "string",
      "tenant": {
         "tenantDisplayName": "string",
         "tenantIdentifier": "string"
      },
      "updatedAt": "string"
   }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

appAuthorizationSummary

Contains a summary of the app authorization.

Type: AppAuthorizationSummary object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

CreateAppAuthorization

Creates an app authorization within an app bundle, which allows AppFabric to connect to an application.

Request Syntax

```
POST /appbundles/appBundleIdentifier/appauthorizations HTTP/1.1
Content-type: application/json

{
   "app": "string",
   "authType": "string",
   "clientToken": "string",
   "credential": { ... },
   "tags": [
      {
         "key": "string",
         "value": "string"
      }
   ],
   "tenant": {
      "tenantDisplayName": "string",
      "tenantIdentifier": "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

app

The name of the application.

Valid values are:

- SLACK

- ASANA

- JIRA

- M365

- M365AUDITLOGS

- ZOOM

- ZENDESK

- OKTA

- GOOGLE

- DROPBOX

- SMARTSHEET

- CISCO

Type: String

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

Required: Yes

authType

The authorization type for the app authorization.

Type: String

Valid Values: `oauth2 | apiKey`

Required: Yes

clientToken

Specifies a unique, case-sensitive identifier that you provide to ensure the idempotency of the request. This lets you safely retry the request without accidentally performing the same operation a second time. Passing the same value to a later call to an operation requires that you also pass the same value for all other parameters. We recommend that you use a [UUID type of value](#).

If you don't provide this value, then AWS generates a random one for you.

If you retry the operation with the same `ClientToken`, but with different parameters, the retry fails with an `IdempotentParameterMismatch` error.

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

credential

Contains credentials for the application, such as an API key or OAuth2 client ID and secret.

Specify credentials that match the authorization type for your request. For example, if the authorization type for your request is OAuth2 (`oauth2`), then you should provide only the OAuth2 credentials.

Type: [Credential](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

tags

A map of the key-value pairs of the tag or tags to assign to the resource.

Type: Array of [Tag](#) objects

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

Required: No

tenant

> Contains information about an application tenant, such as the application display name and identifier.
>
> Type: Tenant object
>
> Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
   "appAuthorization": {
      "app": "string",
      "appAuthorizationArn": "string",
      "appBundleArn": "string",
      "authType": "string",
      "authUrl": "string",
      "createdAt": "string",
      "persona": "string",
      "status": "string",
      "tenant": {
         "tenantDisplayName": "string",
         "tenantIdentifier": "string"
      },
      "updatedAt": "string"
   }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

appAuthorization

> Contains information about an app authorization.

Type: [AppAuthorization](#) object

Errors

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

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ServiceQuotaExceededException

The request exceeds a service quota.

quotaCode

The code for the quota exceeded.

resourceId

The resource ID.

resourceType

The resource type.

serviceCode

The code of the service.

HTTP Status Code: 402

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

> The reason for the exception.

> 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](#)

CreateAppBundle

Creates an app bundle to collect data from an application using AppFabric.

Request Syntax

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

{
   "clientToken": "string",
   "customerManagedKeyIdentifier": "string",
   "tags": [
      {
         "key": "string",
         "value": "string"
      }
   ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken

Specifies a unique, case-sensitive identifier that you provide to ensure the idempotency of the request. This lets you safely retry the request without accidentally performing the same operation a second time. Passing the same value to a later call to an operation requires that you also pass the same value for all other parameters. We recommend that you use a UUID type of value.

If you don't provide this value, then AWS generates a random one for you.

If you retry the operation with the same ClientToken, but with different parameters, the retry fails with an IdempotentParameterMismatch error.

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

customerManagedKeyIdentifier

The Amazon Resource Name (ARN) of the AWS Key Management Service (AWS KMS) key to use to encrypt the application data. If this is not specified, an AWS owned key is used for encryption.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

tags

A map of the key-value pairs of the tag or tags to assign to the resource.

Type: Array of Tag objects

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

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
   "appBundle": {
      "arn": "string",
      "customerManagedKeyArn": "string"
   }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

appBundle

Contains information about an app bundle.

Type: AppBundle object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request exceeds a service quota.

quotaCode

The code for the quota exceeded.

resourceId

The resource ID.

resourceType

The resource type.

serviceCode

The code of the service.

HTTP Status Code: 402

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

CreateIngestion

Creates a data ingestion for an application.

Request Syntax

```
POST /appbundles/appBundleIdentifier/ingestions HTTP/1.1
Content-type: application/json

{
   "app": "string",
   "clientToken": "string",
   "ingestionType": "string",
   "tags": [
      {
         "key": "string",
         "value": "string"
      }
   ],
   "tenantId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

app

The name of the application.

Valid values are:

- SLACK
- ASANA
- JIRA
- M365
- M365AUDITLOGS
- ZOOM
- ZENDESK
- OKTA
- GOOGLE
- DROPBOX
- SMARTSHEET
- CISCO

Type: String

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

Required: Yes

clientToken

Specifies a unique, case-sensitive identifier that you provide to ensure the idempotency of the request. This lets you safely retry the request without accidentally performing the same operation a second time. Passing the same value to a later call to an operation requires that you also pass the same value for all other parameters. We recommend that you use a UUID type of value.

If you don't provide this value, then AWS generates a random one for you.

If you retry the operation with the same ClientToken, but with different parameters, the retry fails with an IdempotentParameterMismatch error.

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

ingestionType

The ingestion type.

Type: String

Valid Values: auditLog

Required: Yes

tags

A map of the key-value pairs of the tag or tags to assign to the resource.

Type: Array of Tag objects

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

Required: No

tenantId

The ID of the application tenant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
   "ingestion": {
      "app": "string",
      "appBundleArn": "string",
      "arn": "string",
```

```
        "createdAt": "string",
        "ingestionType": "string",
        "state": "string",
        "tenantId": "string",
        "updatedAt": "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

ingestion

Contains information about an ingestion.

Type: Ingestion object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request exceeds a service quota.

quotaCode

The code for the quota exceeded.

resourceId

The resource ID.

resourceType

The resource type.

serviceCode

The code of the service.

HTTP Status Code: 402

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

CreateIngestionDestination

Creates an ingestion destination, which specifies how an application's ingested data is processed by AWS AppFabric and where it's delivered.

Request Syntax

```
POST /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier/
ingestiondestinations HTTP/1.1
Content-type: application/json

{
   "clientToken": "string",
   "destinationConfiguration": { ... },
   "processingConfiguration": { ... },
   "tags": [
      {
         "key": "string",
         "value": "string"
      }
   ]
}
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

Specifies a unique, case-sensitive identifier that you provide to ensure the idempotency of the request. This lets you safely retry the request without accidentally performing the same operation a second time. Passing the same value to a later call to an operation requires that you also pass the same value for all other parameters. We recommend that you use a UUID type of value.

If you don't provide this value, then AWS generates a random one for you.

If you retry the operation with the same `ClientToken`, but with different parameters, the retry fails with an `IdempotentParameterMismatch` error.

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

destinationConfiguration

Contains information about the destination of ingested data.

Type: DestinationConfiguration object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

processingConfiguration

Contains information about how ingested data is processed.

Type: ProcessingConfiguration object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

tags

A map of the key-value pairs of the tag or tags to assign to the resource.

Type: Array of Tag objects

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

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
    "ingestionDestination": {
        "arn": "string",
        "createdAt": "string",
        "destinationConfiguration": { ... },
        "ingestionArn": "string",
        "processingConfiguration": { ... },
        "status": "string",
        "statusReason": "string",
        "updatedAt": "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

ingestionDestination

Contains information about an ingestion destination.

Type: [IngestionDestination](#) object

Errors

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

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request exceeds a service quota.

quotaCode

The code for the quota exceeded.

resourceId

The resource ID.

resourceType

The resource type.

serviceCode

The code of the service.

HTTP Status Code: 402

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

DeleteAppAuthorization

Deletes an app authorization. You must delete the associated ingestion before you can delete an app authorization.

Request Syntax

```
DELETE /appbundles/appBundleIdentifier/appauthorizations/appAuthorizationIdentifier
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appAuthorizationIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app authorization to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

>   The code for the quota exceeded.

retryAfterSeconds

>   The period of time after which you should retry your request.

serviceCode

>   The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

>   The field list.

reason

>   The reason for the exception.

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](#)

DeleteAppBundle

Deletes an app bundle. You must delete all associated app authorizations before you can delete an app bundle.

Request Syntax

```
DELETE /appbundles/appBundleIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The ID or Amazon Resource Name (ARN) of the app bundle that needs to be deleted.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

DeleteIngestion

Deletes an ingestion. You must stop (disable) the ingestion and you must delete all associated ingestion destinations before you can delete an app ingestion.

Request Syntax

```
DELETE /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

DeleteIngestionDestination

Deletes an ingestion destination.

This deletes the association between an ingestion and it's destination. It doesn't delete previously ingested data or the storage destination, such as the Amazon S3 bucket where the data is delivered. If the ingestion destination is deleted while the associated ingestion is enabled, the ingestion will fail and is eventually disabled.

Request Syntax

```
DELETE /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier/
ingestiondestinations/ingestionDestinationIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionDestinationIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion destination to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

GetAppAuthorization

Returns information about an app authorization.

Request Syntax

```
GET /appbundles/appBundleIdentifier/appauthorizations/appAuthorizationIdentifier
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appAuthorizationIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app authorization to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
    "appAuthorization": {
        "app": "string",
        "appAuthorizationArn": "string",
        "appBundleArn": "string",
        "authType": "string",
        "authUrl": "string",
        "createdAt": "string",
        "persona": "string",
        "status": "string",
        "tenant": {
            "tenantDisplayName": "string",
            "tenantIdentifier": "string"
        },
        "updatedAt": "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

appAuthorization

Contains information about an app authorization.

Type: AppAuthorization object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

  The field list.

reason

  The reason for the exception.

  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](#)

GetAppBundle

Returns information about an app bundle.

Request Syntax

```
GET /appbundles/appBundleIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "appBundle": {
      "arn": "string",
      "customerManagedKeyArn": "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.

appBundle

Contains information about an app bundle.

Type: AppBundle object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

GetIngestion

Returns information about an ingestion.

Request Syntax

```
GET /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "ingestion": {
      "app": "string",
      "appBundleArn": "string",
      "arn": "string",
      "createdAt": "string",
      "ingestionType": "string",
      "state": "string",
      "tenantId": "string",
      "updatedAt": "string"
   }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ingestion

Contains information about an ingestion.

Type: Ingestion object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

    The reason for the exception.

    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](#)

GetIngestionDestination

Returns information about an ingestion destination.

Request Syntax

```
GET /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier/
ingestiondestinations/ingestionDestinationIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionDestinationIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion destination to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
    "ingestionDestination": {
        "arn": "string",
        "createdAt": "string",
        "destinationConfiguration": { ... },
        "ingestionArn": "string",
        "processingConfiguration": { ... },
        "status": "string",
        "statusReason": "string",
        "updatedAt": "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ingestionDestination

Contains information about an ingestion destination.

Type: IngestionDestination object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

ListAppAuthorizations

Returns a list of all app authorizations configured for an app bundle.

Request Syntax

```
GET /appbundles/appBundleIdentifier/appauthorizations?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to obtain further pages of results.

This is only an upper limit. The actual number of results returned per call might be fewer than the specified maximum.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

If `nextToken` is returned, there are more results available. The value of `nextToken` is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

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

Request Body

The request does not have a request body.

Response Syntax

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

{
    "appAuthorizationSummaryList": [
        {
            "app": "string",
            "appAuthorizationArn": "string",
            "appBundleArn": "string",
            "status": "string",
            "tenant": {
                "tenantDisplayName": "string",
                "tenantIdentifier": "string"
            },
            "updatedAt": "string"
        }
    ],
    "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

appAuthorizationSummaryList

Contains a list of app authorization summaries.

Type: Array of AppAuthorizationSummary objects

nextToken

If nextToken is returned, there are more results available. The value of nextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the

next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

Type: String

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

Errors

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

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

> The code for the quota exceeded.

retryAfterSeconds

> The period of time after which you should retry your request.

serviceCode

> The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

> The field list.

reason

> The reason for the exception.

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](#)

ListAppBundles

Returns a list of app bundles.

Request Syntax

```
GET /appbundles?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to obtain further pages of results.

This is only an upper limit. The actual number of results returned per call might be fewer than the specified maximum.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

If `nextToken` is returned, there are more results available. The value of `nextToken` is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

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

Request Body

The request does not have a request body.

Response Syntax

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

```
{
    "appBundleSummaryList": [
        {
            "arn": "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.

appBundleSummaryList

Contains a list of app bundle summaries.

Type: Array of AppBundleSummary objects

nextToken

If nextToken is returned, there are more results available. The value of nextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

ListIngestionDestinations

Returns a list of all ingestion destinations configured for an ingestion.

Request Syntax

```
GET /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier/
ingestiondestinations?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to obtain further pages of results.

This is only an upper limit. The actual number of results returned per call might be fewer than the specified maximum.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

If `nextToken` is returned, there are more results available. The value of `nextToken` is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

Request Body

The request does not have a request body.

Response Syntax

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

{
   "ingestionDestinations": [
      {
         "arn": "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.

ingestionDestinations

Contains a list of ingestion destination summaries.

Type: Array of IngestionDestinationSummary objects

nextToken

If `nextToken` is returned, there are more results available. The value of `nextToken` is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

ListIngestions

Returns a list of all ingestions configured for an app bundle.

Request Syntax

```
GET /appbundles/appBundleIdentifier/ingestions?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to obtain further pages of results.

This is only an upper limit. The actual number of results returned per call might be fewer than the specified maximum.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

If `nextToken` is returned, there are more results available. The value of `nextToken` is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

Request Body

The request does not have a request body.

Response Syntax

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

{
   "ingestions": [
      {
         "app": "string",
         "arn": "string",
         "state": "string",
         "tenantId": "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.

ingestions

Contains a list of ingestion summaries.

Type: Array of IngestionSummary objects

nextToken

If `nextToken` is returned, there are more results available. The value of `nextToken` is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page. Keep all other arguments unchanged. Each pagination token expires after 24 hours. Using an expired pagination token will return an *HTTP 400 InvalidToken error*.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Returns a list of tags for a 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 for which you want to retrieve tags.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "tags": [
      {
         "key": "string",
         "value": "string"
      }
   ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

tags

A map of the key-value pairs for the tag or tags assigned to the specified resource.

Type: Array of Tag objects

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

StartIngestion

Starts (enables) an ingestion, which collects data from an application.

Request Syntax

```
POST /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier/start HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

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 are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

> The resource ID.

resourceType

> The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

> The code for the quota exceeded.

retryAfterSeconds

> The period of time after which you should retry your request.

serviceCode

> The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

> The field list.

reason

> The reason for the exception.

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](#)

StartUserAccessTasks

Starts the tasks to search user access status for a specific email address.

The tasks are stopped when the user access status data is found. The tasks are terminated when the API calls to the application time out.

Request Syntax

```
POST /useraccess/start HTTP/1.1
Content-type: application/json

{
   "appBundleIdentifier": "string",
   "email": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

email

The email address of the target user.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 320.

Pattern: [a-zA-Z0-9.!#$%&'*+/=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)*

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
   "userAccessTasksList": [
      {
         "app": "string",
         "error": {
            "errorCode": "string",
            "errorMessage": "string"
         },
         "taskId": "string",
         "tenantId": "string"
      }
   ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

The following data is returned in JSON format by the service.

userAccessTasksList

Contains a list of user access task information.

Type: Array of UserAccessTaskItem objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

StopIngestion

Stops (disables) an ingestion.

Request Syntax

```
POST /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier/stop HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

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 are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Assigns one or more tags (key-value pairs) to the specified resource.

Request Syntax

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

{
   "tags": [
      {
         "key": "string",
         "value": "string"
      }
   ]
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource that you want to tag.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

A map of the key-value pairs of the tag or tags to assign to the resource.

Type: Array of Tag objects

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

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 are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Removes a tag or tags from a 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 that you want to untag.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

tagKeys

The keys of the key-value pairs for the tag or tags you want to remove from the specified resource.

Array Members: Minimum number of 0 items. Maximum number of 200 items.

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

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 are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

UpdateAppAuthorization

Updates an app authorization within an app bundle, which allows AppFabric to connect to an application.

If the app authorization was in a `connected` state, updating the app authorization will set it back to a `PendingConnect` state.

Request Syntax

```
PATCH /appbundles/appBundleIdentifier/appauthorizations/appAuthorizationIdentifier
 HTTP/1.1
Content-type: application/json

{
   "credential": { ... },
   "tenant": {
      "tenantDisplayName": "string",
      "tenantIdentifier": "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

appAuthorizationIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app authorization to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

credential

Contains credentials for the application, such as an API key or OAuth2 client ID and secret.

Specify credentials that match the authorization type of the app authorization to update. For example, if the authorization type of the app authorization is OAuth2 (`oauth2`), then you should provide only the OAuth2 credentials.

Type: Credential object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tenant

Contains information about an application tenant, such as the application display name and identifier.

Type: Tenant object

Required: No

Response Syntax

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

{
    "appAuthorization": {
```

```
        "app": "string",
        "appAuthorizationArn": "string",
        "appBundleArn": "string",
        "authType": "string",
        "authUrl": "string",
        "createdAt": "string",
        "persona": "string",
        "status": "string",
        "tenant": {
            "tenantDisplayName": "string",
            "tenantIdentifier": "string"
        },
        "updatedAt": "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

appAuthorization

Contains information about an app authorization.

Type: AppAuthorization object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

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](#)

UpdateIngestionDestination

Updates an ingestion destination, which specifies how an application's ingested data is processed by AWS AppFabric and where it's delivered.

Request Syntax

```
PATCH /appbundles/appBundleIdentifier/ingestions/ingestionIdentifier/
ingestiondestinations/ingestionDestinationIdentifier HTTP/1.1
Content-type: application/json

{
    "destinationConfiguration": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

appBundleIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the app bundle to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionDestinationIdentifier

The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion destination to use for the request.

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

ingestionIdentifier

>   The Amazon Resource Name (ARN) or Universal Unique Identifier (UUID) of the ingestion to use
>   for the request.
>
>   Length Constraints: Minimum length of 1. Maximum length of 1011.
>
>   Pattern: `arn:.+$|^[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`
>
>   Required: Yes

Request Body

The request accepts the following data in JSON format.

destinationConfiguration

>   Contains information about the destination of ingested data.
>
>   Type: DestinationConfiguration object
>
>   **Note:** This object is a Union. Only one member of this object can be specified or returned.
>
>   Required: Yes

Response Syntax

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

{
   "ingestionDestination": {
      "arn": "string",
      "createdAt": "string",
      "destinationConfiguration": { ... },
      "ingestionArn": "string",
      "processingConfiguration": { ... },
      "status": "string",
      "statusReason": "string",
      "updatedAt": "string"
```

```
        }
    }
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ingestionDestination

Contains information about an ingestion destination.

Type: IngestionDestination object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

You are not authorized to perform this operation.

HTTP Status Code: 403

ConflictException

The request has created a conflict. Check the request parameters and try again.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 409

InternalServerException

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

retryAfterSeconds

The period of time after which you should retry your request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The resource ID.

resourceType

The resource type.

HTTP Status Code: 404

ServiceQuotaExceededException

The request exceeds a service quota.

quotaCode

The code for the quota exceeded.

resourceId

The resource ID.

resourceType

The resource type.

serviceCode

The code of the service.

HTTP Status Code: 402

ThrottlingException

The request rate exceeds the limit.

quotaCode

The code for the quota exceeded.

retryAfterSeconds

The period of time after which you should retry your request.

serviceCode

The code of the service.

HTTP Status Code: 429

ValidationException

The request has invalid or missing parameters.

fieldList

The field list.

reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The AppFabric 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:

- ApiKeyCredential
- AppAuthorization
- AppAuthorizationSummary
- AppBundle
- AppBundleSummary
- AuditLogDestinationConfiguration
- AuditLogProcessingConfiguration
- AuthRequest
- Credential
- Destination
- DestinationConfiguration
- FirehoseStream
- Ingestion
- IngestionDestination
- IngestionDestinationSummary
- IngestionSummary
- Oauth2Credential
- ProcessingConfiguration
- S3Bucket
- Tag

- [TaskError](#)
- [Tenant](#)
- [UserAccessResultItem](#)
- [UserAccessTaskItem](#)
- [ValidationExceptionField](#)

ApiKeyCredential

Contains API key credential information.

Contents

apiKey

An API key for an application.

Type: String

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

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](#)

AppAuthorization

Contains information about an app authorization.

Contents

app

The name of the application.

Type: String

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

Required: Yes

appAuthorizationArn

The Amazon Resource Name (ARN) of the app authorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

appBundleArn

The Amazon Resource Name (ARN) of the app bundle for the app authorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

authType

The authorization type.

Type: String

Valid Values: `oauth2 | apiKey`

Required: Yes

createdAt

The timestamp of when the app authorization was created.

Type: Timestamp

Required: Yes

status

The state of the app authorization.

The following states are possible:

- `PendingConnect`: The initial state of the app authorization. The app authorization is created but not yet connected.
- `Connected`: The app authorization is connected to the application, and is ready to be used.
- `ConnectionValidationFailed`: The app authorization received a validation exception when trying to connect to the application. If the app authorization is in this state, you should verify the configured credentials and try to connect the app authorization again.
- `TokenAutoRotationFailed`: AppFabric failed to refresh the access token. If the app authorization is in this state, you should try to reconnect the app authorization.

Type: String

Valid Values: `PendingConnect | Connected | ConnectionValidationFailed | TokenAutoRotationFailed`

Required: Yes

tenant

Contains information about an application tenant, such as the application display name and identifier.

Type: [Tenant](#) object

Required: Yes

updatedAt

The timestamp of when the app authorization was last updated.

Type: Timestamp

Required: Yes

authUrl

The application URL for the OAuth flow.

Type: String

Required: No

persona

The user persona of the app authorization.

This field should always be `admin`.

Type: String

Valid Values: `admin | endUser`

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](#)

AppAuthorizationSummary

Contains a summary of an app authorization.

Contents

app

The name of the application.

Type: String

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

Required: Yes

appAuthorizationArn

The Amazon Resource Name (ARN) of the app authorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

appBundleArn

The Amazon Resource Name (ARN) of the app bundle for the app authorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

status

The state of the app authorization.

The following states are possible:

- `PendingConnect`: The initial state of the app authorization. The app authorization is created but not yet connected.

- `Connected`: The app authorization is connected to the application, and is ready to be used.

- `ConnectionValidationFailed`: The app authorization received a validation exception when trying to connect to the application. If the app authorization is in this state, you should verify the configured credentials and try to connect the app authorization again.

- `TokenAutoRotationFailed`: AppFabric failed to refresh the access token. If the app authorization is in this state, you should try to reconnect the app authorization.

Type: String

Valid Values: `PendingConnect` | `Connected` | `ConnectionValidationFailed` | `TokenAutoRotationFailed`

Required: Yes

tenant

Contains information about an application tenant, such as the application display name and identifier.

Type: [Tenant](#) object

Required: Yes

updatedAt

Timestamp for when the app authorization was last updated.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

AppBundle

Contains information about an app bundle.

Contents

arn

The Amazon Resource Name (ARN) of the app bundle.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

customerManagedKeyArn

The Amazon Resource Name (ARN) of the AWS Key Management Service (AWS KMS) key used to encrypt the application data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

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](#)

AppBundleSummary

Contains a summary of an app bundle.

Contents

arn

The Amazon Resource Name (ARN) of the app bundle.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

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](#)

AuditLogDestinationConfiguration

Contains information about an audit log destination configuration.

Contents

destination

Contains information about an audit log destination.

Type: [Destination](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AuditLogProcessingConfiguration

Contains information about an audit log processing configuration.

Contents

format

The format in which the audit logs need to be formatted.

Type: String

Valid Values: `json | parquet`

Required: Yes

schema

The event schema in which the audit logs need to be formatted.

Type: String

Valid Values: `ocsf | raw`

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](#)

AuthRequest

Contains authorization request information, which is required for AWS AppFabric to get the OAuth2 access token for an application.

Contents

code

The authorization code returned by the application after permission is granted in the application OAuth page (after clicking on the AuthURL).

Type: String

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

Required: Yes

redirectUri

The redirect URL that is specified in the AuthURL and the application client.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Pattern: `https://[-a-zA-Z0-9-._~:/?#@!$&'()*+,;=]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Credential

Contains credential information for an application.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

apiKeyCredential

Contains API key credential information.

Type: [ApiKeyCredential](#) object

Required: No

oauth2Credential

Contains OAuth2 client credential information.

Type: [Oauth2Credential](#) 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](#)

Destination

Contains information about an audit log destination.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

firehoseStream

Contains information about an Amazon Data Firehose delivery stream.

Type: [FirehoseStream](#) object

Required: No

s3Bucket

Contains information about an Amazon S3 bucket.

Type: [S3Bucket](#) 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](#)

DestinationConfiguration

Contains information about the destination of ingested data.

Contents

> ⚠ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

auditLog

Contains information about an audit log destination configuration.

Type: [AuditLogDestinationConfiguration](#) 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](#)

FirehoseStream

Contains information about an Amazon Data Firehose delivery stream.

Contents

streamName

The name of the Amazon Data Firehose delivery stream.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 64.

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](#)

Ingestion

Contains information about an ingestion.

Contents

app

    The name of the application.

    Type: String

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

    Required: Yes

appBundleArn

    The Amazon Resource Name (ARN) of the app bundle for the ingestion.

    Type: String

    Length Constraints: Minimum length of 1. Maximum length of 1011.

    Pattern: `arn:.+`

    Required: Yes

arn

    The Amazon Resource Name (ARN) of the ingestion.

    Type: String

    Length Constraints: Minimum length of 1. Maximum length of 1011.

    Pattern: `arn:.+`

    Required: Yes

createdAt

    The timestamp of when the ingestion was created.

    Type: Timestamp

Required: Yes

ingestionType

The type of the ingestion.

Type: String

Valid Values: `auditLog`

Required: Yes

state

The status of the ingestion.

Type: String

Valid Values: `enabled | disabled`

Required: Yes

tenantId

The ID of the application tenant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: Yes

updatedAt

The timestamp of when the ingestion was last updated.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

IngestionDestination

Contains information about an ingestion destination.

Contents

arn

The Amazon Resource Name (ARN) of the ingestion destination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

destinationConfiguration

Contains information about the destination of ingested data.

Type: [DestinationConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

ingestionArn

The Amazon Resource Name (ARN) of the ingestion.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

processingConfiguration

Contains information about how ingested data is processed.

Type: [ProcessingConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

createdAt

The timestamp of when the ingestion destination was created.

Type: Timestamp

Required: No

status

The state of the ingestion destination.

The following states are possible:

- `Active`: The ingestion destination is active and is ready to be used.

- `Failed`: The ingestion destination has failed. If the ingestion destination is in this state, you should verify the ingestion destination configuration and try again.

Type: String

Valid Values: `Active | Failed`

Required: No

statusReason

The reason for the current status of the ingestion destination.

Only present when the `status` of ingestion destination is `Failed`.

Type: String

Required: No

updatedAt

The timestamp of when the ingestion destination was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

IngestionDestinationSummary

Contains a summary of an ingestion destination.

Contents

arn

The Amazon Resource Name (ARN) of the ingestion destination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

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](#)

IngestionSummary

Contains a summary of an ingestion.

Contents

app

The name of the application.

Type: String

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

Required: Yes

arn

The Amazon Resource Name (ARN) of the ingestion.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:.+`

Required: Yes

state

The status of the ingestion.

Type: String

Valid Values: `enabled | disabled`

Required: Yes

tenantId

The ID of the application tenant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

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](#)

Oauth2Credential

Contains OAuth2 client credential information.

Contents

clientId

   The client ID of the client application.

   Type: String

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

   Required: Yes

clientSecret

   The client secret of the client application.

   Type: String

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

   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](#)

ProcessingConfiguration

Contains information about how ingested data is processed.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

auditLog

Contains information about an audit log processing configuration.

Type: [AuditLogProcessingConfiguration](#) 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](#)

S3Bucket

Contains information about an Amazon S3 bucket.

Contents

bucketName

The name of the Amazon S3 bucket.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Required: Yes

prefix

The object key to use.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 120.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tag

The key or keys of the key-value pairs for the tag or tags assigned to a resource.

Contents

key

Tag key.

Type: String

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

Required: Yes

value

Tag value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TaskError

Contains information about an error returned from a user access task.

Contents

errorCode

The code of the error.

Type: String

Required: No

errorMessage

The message of the error.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tenant

Contains information about an application tenant.

Contents

tenantDisplayName

The display name of the tenant.

Type: String

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

Required: Yes

tenantIdentifier

The ID of the application tenant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

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](#)

UserAccessResultItem

Contains information about a user's access to an application.

Contents

app

The name of the application.

Type: String

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

Required: No

email

The email address of the target user.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 320.

Pattern: [a-zA-Z0-9.!#$%&'*+/=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)*

Required: No

resultStatus

The status of the user access result item.

The following states are possible:

- IN_PROGRESS: The user access task is in progress.
- COMPLETED: The user access task completed successfully.
- FAILED: The user access task failed.
- EXPIRED: The user access task expired.

Type: String

Valid Values: IN_PROGRESS | COMPLETED | FAILED | EXPIRED

Required: No

taskError

Contains information about an error returned from a user access task.

Type: TaskError object

Required: No

taskId

The unique ID of the task.

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

tenantDisplayName

The display name of the tenant.

Type: String

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

Required: No

tenantId

The ID of the application tenant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

userFirstName

The first name of the user.

Type: String

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

Required: No

userFullName

The full name of the user.

Type: String

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

Required: No

userId

The unique ID of user.

Type: String

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

Required: No

userLastName

The last name of the user.

Type: String

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

Required: No

userStatus

The status of the user returned by the application.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UserAccessTaskItem

Contains information about a user access task.

Contents

app

The name of the application.

Type: String

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

Required: Yes

tenantId

The ID of the application tenant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: Yes

error

Error from the task, if any.

Type: [TaskError](#) object

Required: No

taskId

The unique ID of the task.

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

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionField

The input failed to meet the constraints specified by the AWS service in a specified field.

Contents

message

A message about the validation exception.

Type: String

Required: Yes

name

The field name where the invalid entry was detected.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Common 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