



API Reference

Amazon DataZone



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Amazon DataZone: API Reference

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Welcome

Amazon DataZone is a data management service that enables you to catalog, discover, govern, share, and analyze your data. With Amazon DataZone, you can share and access your data across accounts and supported regions. Amazon DataZone simplifies your experience across AWS services, including, but not limited to, Amazon Redshift, Amazon Athena, AWS Glue, and AWS Lake Formation.

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Actions

The following actions are supported:

- [AcceptPredictions](#)
- [AcceptSubscriptionRequest](#)
- [CancelMetadataGenerationRun](#)
- [CancelSubscription](#)
- [CreateAsset](#)
- [CreateAssetRevision](#)
- [CreateAssetType](#)
- [CreateDataSource](#)
- [CreateDomain](#)
- [CreateEnvironment](#)
- [CreateEnvironmentProfile](#)
- [CreateFormType](#)
- [CreateGlossary](#)
- [CreateGlossaryTerm](#)
- [CreateGroupProfile](#)
- [CreateListingChangeSet](#)
- [CreateProject](#)
- [CreateProjectMembership](#)
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- [CreateSubscriptionTarget](#)
- [CreateUserProfile](#)
- [DeleteAsset](#)
- [DeleteAssetType](#)
- [DeleteDataSource](#)
- [DeleteDomain](#)
- [DeleteEnvironment](#)

- [DeleteEnvironmentBlueprintConfiguration](#)
- [DeleteEnvironmentProfile](#)
- [DeleteFormType](#)
- [DeleteGlossary](#)
- [DeleteGlossaryTerm](#)
- [DeleteListing](#)
- [DeleteProject](#)
- [DeleteProjectMembership](#)
- [DeleteSubscriptionGrant](#)
- [DeleteSubscriptionRequest](#)
- [DeleteSubscriptionTarget](#)
- [DeleteTimeSeriesDataPoints](#)
- [GetAsset](#)
- [GetAssetType](#)
- [GetDataSource](#)
- [GetDataSourceRun](#)
- [GetDomain](#)
- [GetEnvironment](#)
- [GetEnvironmentBlueprint](#)
- [GetEnvironmentBlueprintConfiguration](#)
- [GetEnvironmentProfile](#)
- [GetFormType](#)
- [GetGlossary](#)
- [GetGlossaryTerm](#)
- [GetGroupProfile](#)
- [GetIamPortalLoginUrl](#)
- [GetListing](#)
- [GetMetadataGenerationRun](#)
- [GetProject](#)
- [GetSubscription](#)

- [GetSubscriptionGrant](#)
- [GetSubscriptionRequestDetails](#)
- [GetSubscriptionTarget](#)
- [GetTimeSeriesDataPoint](#)
- [GetUserProfile](#)
- [ListAssetRevisions](#)
- [ListDataSourceRunActivities](#)
- [ListDataSourceRuns](#)
- [ListDataSources](#)
- [ListDomains](#)
- [ListEnvironmentBlueprintConfigurations](#)
- [ListEnvironmentBlueprints](#)
- [ListEnvironmentProfiles](#)
- [ListEnvironments](#)
- [ListMetadataGenerationRuns](#)
- [ListNotifications](#)
- [ListProjectMemberships](#)
- [ListProjects](#)
- [ListSubscriptionGrants](#)
- [ListSubscriptionRequests](#)
- [ListSubscriptions](#)
- [ListSubscriptionTargets](#)
- [ListTagsForResource](#)
- [ListTimeSeriesDataPoints](#)
- [PostTimeSeriesDataPoints](#)
- [PutEnvironmentBlueprintConfiguration](#)
- [RejectPredictions](#)
- [RejectSubscriptionRequest](#)
- [RevokeSubscription](#)
- [Search](#)

- [SearchGroupProfiles](#)
- [SearchListings](#)
- [SearchTypes](#)
- [SearchUserProfiles](#)
- [StartDataSourceRun](#)
- [StartMetadataGenerationRun](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateDataSource](#)
- [UpdateDomain](#)
- [UpdateEnvironment](#)
- [UpdateEnvironmentProfile](#)
- [UpdateGlossary](#)
- [UpdateGlossaryTerm](#)
- [UpdateGroupProfile](#)
- [UpdateProject](#)
- [UpdateSubscriptionGrantStatus](#)
- [UpdateSubscriptionRequest](#)
- [UpdateSubscriptionTarget](#)
- [UpdateUserProfile](#)

AcceptPredictions

Accepts automatically generated business-friendly metadata for your Amazon DataZone assets.

Request Syntax

```
PUT /v2/domains/domainIdentifier/assets/identifier/accept-predictions?revision=revision
HTTP/1.1
Content-type: application/json

{
  "acceptChoices": [
    {
      "editedValue": "string",
      "predictionChoice": number,
      "predictionTarget": "string"
    }
  ],
  "acceptRule": {
    "rule": "string",
    "threshold": number
  },
  "clientToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the asset.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

revision

The revision that is to be made to the asset.

Length Constraints: Minimum length of 1. Maximum length of 64.

Request Body

The request accepts the following data in JSON format.

acceptChoices

Specifies the prediction (aka, the automatically generated piece of metadata) and the target (for example, a column name) that can be accepted.

Type: Array of [AcceptChoice](#) objects

Required: No

acceptRule

Specifies the rule (or the conditions) under which a prediction can be accepted.

Type: [AcceptRule](#) object

Required: No

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request. This field is automatically populated if not provided.

Type: String

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

Pattern: `^[\\x21-\\x7E]+$`

Required: No

Response Syntax

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

```
{
  "assetId": "string",
  "domainId": "string",
  "revision": "string"
}
```

Response Elements

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

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

assetId

The ID of the asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

domainId

The identifier of the Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

revision

The revision that is to be made to the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)

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

AcceptSubscriptionRequest

Accepts a subscription request to a specific asset.

Request Syntax

```
PUT /v2/domains/domainIdentifier/subscription-requests/identifier/accept HTTP/1.1
Content-type: application/json
```

```
{
  "decisionComment": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The Amazon DataZone domain where the specified subscription request is being accepted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The unique identifier of the subscription request that is to be accepted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

decisionComment

A description that specifies the reason for accepting the specified subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "decisionComment": "string",
  "domainId": "string",
  "id": "string",
  "requestReason": "string",
  "reviewerId": "string",
  "status": "string",
  "subscribedListings": [
    {
      "description": "string",
      "id": "string",
      "item": { ... },
      "name": "string",
      "ownerProjectId": "string",
      "ownerProjectName": "string",
      "revision": "string"
    }
  ],
  "subscribedPrincipals": [
    { ... }
  ],
  "updatedAt": number,
  "updatedBy": "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.

createdAt

The timestamp that specifies when the subscription request was accepted.

Type: Timestamp

createdBy

Specifies the Amazon DataZone user that accepted the specified subscription request.

Type: String

decisionComment

Specifies the reason for accepting the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

domainId

The unique identifier of the Amazon DataZone domain where the specified subscription request was accepted.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the subscription request.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

requestReason

Specifies the reason for requesting a subscription to the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

reviewerId

Specifies the ID of the Amazon DataZone user who reviewed the subscription request.

Type: String

status

Specifies the status of the subscription request.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED

subscribedListings

Specifies the asset for which the subscription request was created.

Type: Array of [SubscribedListing](#) objects

Array Members: Fixed number of 1 item.

subscribedPrincipals

Specifies the Amazon DataZone users who are subscribed to the asset specified in the subscription request.

Type: Array of [SubscribedPrincipal](#) objects

Array Members: Fixed number of 1 item.

updatedAt

Specifies the timestamp when subscription request was updated.

Type: Timestamp

updatedBy

Specifies the Amazon DataZone user who updated the subscription request.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)

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

CancelMetadataGenerationRun

Cancels the metadata generation run.

Request Syntax

```
POST /v2/domains/domainIdentifier/metadata-generation-runs/identifier/cancel HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the metadata generation run is to be cancelled.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the metadata generation run.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CancelSubscription

Cancels the subscription to the specified asset.

Request Syntax

```
PUT /v2/domains/domainIdentifier/subscriptions/identifier/cancel HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The unique identifier of the Amazon DataZone domain where the subscription request is being cancelled.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The unique identifier of the subscription that is being cancelled.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
```

```
"createdBy": "string",
"domainId": "string",
"id": "string",
"retainPermissions": boolean,
"status": "string",
"subscribedListing": {
  "description": "string",
  "id": "string",
  "item": { ... },
  "name": "string",
  "ownerProjectId": "string",
  "ownerProjectName": "string",
  "revision": "string"
},
"subscribedPrincipal": { ... },
"subscriptionRequestId": "string",
"updatedAt": number,
"updatedBy": "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.

createdAt

The timestamp that specifies when the request to cancel the subscription was created.

Type: Timestamp

createdBy

Specifies the Amazon DataZone user who is cancelling the subscription.

Type: String

domainId

The unique identifier of the Amazon DataZone domain where the subscription is being cancelled.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

retainPermissions

Specifies whether the permissions to the asset are retained after the subscription is cancelled.

Type: Boolean

status

The status of the request to cancel the subscription.

Type: String

Valid Values: APPROVED | REVOKED | CANCELLED

subscribedListing

The asset to which a subscription is being cancelled.

Type: [SubscribedListing](#) object

subscribedPrincipal

The Amazon DataZone user who is made a subscriber to the specified asset by the subscription that is being cancelled.

Type: [SubscribedPrincipal](#) object

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

subscriptionRequestId

The unique ID of the subscription request for the subscription that is being cancelled.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp that specifies when the subscription was cancelled.

Type: Timestamp

updatedBy

The Amazon DataZone user that cancelled the subscription.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateAsset

Creates an asset in Amazon DataZone catalog.

Request Syntax

```
POST /v2/domains/domainIdentifier/assets HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "description": "string",
  "externalIdentifier": "string",
  "formsInput": [
    {
      "content": "string",
      "formName": "string",
      "typeIdentifier": "string",
      "typeRevision": "string"
    }
  ],
  "glossaryTerms": [ "string" ],
  "name": "string",
  "owningProjectIdentifier": "string",
  "predictionConfiguration": {
    "businessNameGeneration": {
      "enabled": boolean
    }
  },
  "typeIdentifier": "string",
  "typeRevision": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

Amazon DataZone domain where the asset is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: `^\[\x21-\x7E]+\$`

Required: No

description

Asset description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

externalIdentifier

The external identifier of the asset.

Type: String

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

Required: No

formsInput

Metadata forms attached to the asset.

Type: Array of [FormInput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

glossaryTerms

Glossary terms attached to the asset.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

name

Asset name.

Type: String

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

Required: Yes

owningProjectIdentifier

The unique identifier of the project that owns this asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

predictionConfiguration

The configuration of the automatically generated business-friendly metadata for the asset.

Type: [PredictionConfiguration](#) object

Required: No

typeIdentifier

The unique identifier of this asset's type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 513.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

typeRevision

The revision of this asset's type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "externalIdentifier": "string",
  "firstRevisionCreatedAt": number,
  "firstRevisionCreatedBy": "string",
  "formsOutput": [
    {
      "content": "string",
      "formName": "string",
      "typeName": "string",
      "typeRevision": "string"
    }
  ],
  "glossaryTerms": [ "string" ],
  "id": "string",
  "latestTimeSeriesDataPointFormsOutput": [
    {
```

```
    "contentSummary": "string",
    "formName": "string",
    "id": "string",
    "timestamp": number,
    "typeIdentifier": "string",
    "typeRevision": "string"
  }
],
"listing": {
  "listingId": "string",
  "listingStatus": "string"
},
"name": "string",
"owningProjectId": "string",
"predictionConfiguration": {
  "businessNameGeneration": {
    "enabled": boolean
  }
},
"readOnlyFormsOutput": [
  {
    "content": "string",
    "formName": "string",
    "typeName": "string",
    "typeRevision": "string"
  }
],
"revision": "string",
"typeIdentifier": "string",
"typeRevision": "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.

createdAt

The timestamp of when the asset was created.

Type: Timestamp

createdBy

The Amazon DataZone user that created this asset in the catalog.

Type: String

description

The description of the created asset.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which the asset was created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

externalIdentifier

The external identifier of the asset.

Type: String

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

firstRevisionCreatedAt

The timestamp of when the first revision of the asset took place.

Type: Timestamp

firstRevisionCreatedBy

The Amazon DataZone user that made the first revision of the asset.

Type: String

formsOutput

The metadata forms that are attached to the created asset.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

[glossaryTerms](#)

The glossary terms that are attached to the created asset.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[id](#)

The unique identifier of the created asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[latestTimeSeriesDataPointFormsOutput](#)

The latest data point that was imported into the time series form for the asset.

Type: Array of [TimeSeriesDataPointSummaryFormOutput](#) objects

[listing](#)

The details of an asset published in an Amazon DataZone catalog.

Type: [AssetListingDetails](#) object

[name](#)

The name of the created asset.

Type: String

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

[owningProjectId](#)

The ID of the Amazon DataZone project that owns the created asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[predictionConfiguration](#)

The configuration of the automatically generated business-friendly metadata for the asset.

Type: [PredictionConfiguration](#) object

[readOnlyFormsOutput](#)

The read-only metadata forms that are attached to the created asset.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

[revision](#)

The revision of the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

[typeIdentifier](#)

The identifier of the created asset type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 513.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

[typeRevision](#)

The revision type of the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateAssetRevision

Creates a revision of the asset.

Request Syntax

```
POST /v2/domains/domainIdentifier/assets/identifier/revisions HTTP/1.1  
Content-type: application/json
```

```
{  
  "clientToken": "string",  
  "description": "string",  
  "formsInput": [  
    {  
      "content": "string",  
      "formName": "string",  
      "typeIdentifier": "string",  
      "typeRevision": "string"  
    }  
  ],  
  "glossaryTerms": [ "string" ],  
  "name": "string",  
  "predictionConfiguration": {  
    "businessNameGeneration": {  
      "enabled": boolean  
    }  
  },  
  "typeRevision": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The unique identifier of the domain where the asset is being revised.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the asset.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: `^[\\x21-\\x7E]+$`

Required: No

description

The revised description of the asset.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

formsInput

The metadata forms to be attached to the asset as part of asset revision.

Type: Array of [FormInput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

glossaryTerms

The glossary terms to be attached to the asset as part of asset revision.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

name

The revised name of the asset.

Type: String

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

Required: Yes

predictionConfiguration

The configuration of the automatically generated business-friendly metadata for the asset.

Type: [PredictionConfiguration](#) object

Required: No

typeRevision

The revision type of the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
```

```
"externalIdentifier": "string",
"firstRevisionCreatedAt": number,
"firstRevisionCreatedBy": "string",
"formsOutput": [
  {
    "content": "string",
    "formName": "string",
    "typeName": "string",
    "typeRevision": "string"
  }
],
"glossaryTerms": [ "string" ],
"id": "string",
"latestTimeSeriesDataPointFormsOutput": [
  {
    "contentSummary": "string",
    "formName": "string",
    "id": "string",
    "timestamp": number,
    "typeIdentifier": "string",
    "typeRevision": "string"
  }
],
"listing": {
  "listingId": "string",
  "listingStatus": "string"
},
"name": "string",
"owningProjectId": "string",
"predictionConfiguration": {
  "businessNameGeneration": {
    "enabled": boolean
  }
},
"readOnlyFormsOutput": [
  {
    "content": "string",
    "formName": "string",
    "typeName": "string",
    "typeRevision": "string"
  }
],
"revision": "string",
"typeIdentifier": "string",
```

```
"typeRevision": "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.

createdAt

The timestamp of when the asset revision occurred.

Type: Timestamp

createdBy

The Amazon DataZone user who performed the asset revision.

Type: String

description

The revised asset description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The unique identifier of the Amazon DataZone domain where the asset was revised.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

externalIdentifier

The external identifier of the asset.

Type: String

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

firstRevisionCreatedAt

The timestamp of when the first asset revision occurred.

Type: Timestamp

firstRevisionCreatedBy

The Amazon DataZone user who performed the first asset revision.

Type: String

formsOutput

The metadata forms that were attached to the asset as part of the asset revision.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

glossaryTerms

The glossary terms that were attached to the asset as part of asset revision.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The unique identifier of the asset revision.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

latestTimeSeriesDataPointFormsOutput

The latest data point that was imported into the time series form for the asset.

Type: Array of [TimeSeriesDataPointSummaryFormOutput](#) objects

listing

The details of an asset published in an Amazon DataZone catalog.

Type: [AssetListingDetails](#) object

name

The revised name of the asset.

Type: String

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

owningProjectId

The unique identifier of the revised project that owns the asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

predictionConfiguration

The configuration of the automatically generated business-friendly metadata for the asset.

Type: [PredictionConfiguration](#) object

readOnlyFormsOutput

The read-only metadata forms that were attached to the asset as part of the asset revision.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

revision

The revision of the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

typeIdentifier

The identifier of the revision type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 513.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

typeRevision

The revision type of the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateAssetType

Creates a custom asset type.

Request Syntax

```
POST /v2/domains/domainIdentifier/asset-types HTTP/1.1
Content-type: application/json
```

```
{
  "description": "string",
  "formsInput": {
    "string" : {
      "required": boolean,
      "typeIdentifier": "string",
      "typeRevision": "string"
    }
  },
  "name": "string",
  "owningProjectIdentifier": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The unique identifier of the Amazon DataZone domain where the custom asset type is being created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the custom asset type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

formsInput

The metadata forms that are to be attached to the custom asset type.

Type: String to [FormEntryInput](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

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

Key Pattern: `^(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

name

The name of the custom asset type.

Type: String

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

Pattern: `^[^\.]*`

Required: Yes

owningProjectIdentifier

The identifier of the Amazon DataZone project that is to own the custom asset type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Response Syntax

```
HTTP/1.1 201
```

Content-type: application/json

```
{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "formsOutput": {
    "string" : {
      "required": boolean,
      "typeName": "string",
      "typeRevision": "string"
    }
  },
  "name": "string",
  "originDomainId": "string",
  "originProjectId": "string",
  "owningProjectId": "string",
  "revision": "string",
  "updatedAt": number,
  "updatedBy": "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.

createdAt

The timestamp of when the asset type is to be created.

Type: Timestamp

createdBy

The Amazon DataZone user who creates this custom asset type.

Type: String

description

The description of the custom asset type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which the asset type was created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

formsOutput

The metadata forms that are attached to the asset type.

Type: String to [FormEntryOutput](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

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

Key Pattern: `^(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

name

The name of the asset type.

Type: String

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

Pattern: `^[^\.\]*`

originDomainId

The ID of the Amazon DataZone domain where the asset type was originally created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

originProjectId

The ID of the Amazon DataZone project where the asset type was originally created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

owningProjectId

The ID of the Amazon DataZone project that currently owns this asset type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

revision

The revision of the custom asset type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

updatedAt

The timestamp of when the custom type was created.

Type: Timestamp

updatedBy

The Amazon DataZone user that created the custom asset type.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

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

CreateDataSource

Creates an Amazon DataZone data source.

Request Syntax

```
POST /v2/domains/domainIdentifier/data-sources HTTP/1.1
```

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

```
{
  "assetFormsInput": [
    {
      "content": "string",
      "formName": "string",
      "typeIdentifier": "string",
      "typeRevision": "string"
    }
  ],
  "clientToken": "string",
  "configuration": { ... },
  "description": "string",
  "enableSetting": "string",
  "environmentIdentifier": "string",
  "name": "string",
  "projectIdentifier": "string",
  "publishOnImport": boolean,
  "recommendation": {
    "enableBusinessNameGeneration": boolean
  },
  "schedule": {
    "schedule": "string",
    "timezone": "string"
  },
  "type": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where the data source is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

assetFormsInput

The metadata forms that are to be attached to the assets that this data source works with.

Type: Array of [FormInput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

configuration

Specifies the configuration of the data source. It can be set to either `glueRunConfiguration` or `redshiftRunConfiguration`.

Type: [DataSourceConfigurationInput](#) object

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

Required: No

description

The description of the data source.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

enableSetting

Specifies whether the data source is enabled.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

environmentIdentifier

The unique identifier of the Amazon DataZone environment to which the data source publishes assets.

Type: String

Required: Yes

name

The name of the data source.

Type: String

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

Required: Yes

projectIdentifier

The identifier of the Amazon DataZone project in which you want to add this data source.

Type: String

Required: Yes

publishOnImport

Specifies whether the assets that this data source creates in the inventory are to be also automatically published to the catalog.

Type: Boolean

Required: No

recommendation

Specifies whether the business name generation is to be enabled for this data source.

Type: [RecommendationConfiguration](#) object

Required: No

schedule

The schedule of the data source runs.

Type: [ScheduleConfiguration](#) object

Required: No

type

The type of the data source.

Type: String

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

Required: Yes

Response Syntax

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

{
  "assetFormsOutput": [
    {
      "content": "string",
      "formName": "string",
      "typeName": "string",
      "typeRevision": "string"
    }
  ],
}
```

```
"configuration": { ... },
"createdAt": "string",
"description": "string",
"domainId": "string",
"enableSetting": "string",
"environmentId": "string",
"errorMessage": {
  "errorDetail": "string",
  "errorType": "string"
},
"id": "string",
"lastRunAt": "string",
"lastRunErrorMessage": {
  "errorDetail": "string",
  "errorType": "string"
},
"lastRunStatus": "string",
"name": "string",
"projectId": "string",
"publishOnImport": boolean,
"recommendation": {
  "enableBusinessNameGeneration": boolean
},
"schedule": {
  "schedule": "string",
  "timezone": "string"
},
"status": "string",
"type": "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.

[assetFormsOutput](#)

The metadata forms attached to the assets that this data source creates.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

configuration

Specifies the configuration of the data source. It can be set to either `glueRunConfiguration` or `redshiftRunConfiguration`.

Type: [DataSourceConfigurationOutput](#) object

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

createdAt

The timestamp of when the data source was created.

Type: Timestamp

description

The description of the data source.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which the data source is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

enableSetting

Specifies whether the data source is enabled.

Type: String

Valid Values: ENABLED | DISABLED

environmentId

The unique identifier of the Amazon DataZone environment to which the data source publishes assets.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

errorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

id

The unique identifier of the data source.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastRunAt

The timestamp that specifies when the data source was last run.

Type: Timestamp

lastRunErrorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

lastRunStatus

The status of the last run of this data source.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

name

The name of the data source.

Type: String

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

projectId

The ID of the Amazon DataZone project to which the data source is added.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[publishOnImport](#)

Specifies whether the assets that this data source creates in the inventory are to be also automatically published to the catalog.

Type: Boolean

[recommendation](#)

Specifies whether the business name generation is to be enabled for this data source.

Type: [RecommendationConfiguration](#) object

[schedule](#)

The schedule of the data source runs.

Type: [ScheduleConfiguration](#) object

[status](#)

The status of the data source.

Type: String

Valid Values: CREATING | FAILED_CREATION | READY | UPDATING | FAILED_UPDATE
| RUNNING | DELETING | FAILED_DELETION

[type](#)

The type of the data source.

Type: String

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

[updatedAt](#)

The timestamp of when the data source was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateDomain

Creates an Amazon DataZone domain.

Request Syntax

```
POST /v2/domains HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "description": "string",
  "domainExecutionRole": "string",
  "kmsKeyId": "string",
  "name": "string",
  "singleSignOn": {
    "type": "string",
    "userAssignment": "string"
  },
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

description

The description of the Amazon DataZone domain.

Type: String

Required: No

domainExecutionRole

The domain execution role that is created when an Amazon DataZone domain is created. The domain execution role is created in the AWS account that houses the Amazon DataZone domain.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

Required: Yes

kmsKeyId

The identifier of the AWS Key Management Service (KMS) key that is used to encrypt the Amazon DataZone domain, metadata, and reporting data.

Type: String

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

Pattern: `^arn:aws(|-cn|-us-gov):kms:[a-zA-Z0-9-]*:[0-9]{12}:key/[a-zA-Z0-9-]{36}$`

Required: No

name

The name of the Amazon DataZone domain.

Type: String

Required: Yes

singleSignOn

The single-sign on configuration of the Amazon DataZone domain.

Type: [SingleSignOn](#) object

Required: No

tags

The tags specified for the Amazon DataZone domain.

Type: String to string map

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

Key Pattern: `^[\\w \\.:/+@-]+$`

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

Value Pattern: `^[\\w \\.:/+@-]*$`

Required: No

Response Syntax

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

{
  "arn": "string",
  "description": "string",
  "domainExecutionRole": "string",
  "id": "string",
  "kmsKeyIdentifier": "string",
  "name": "string",
  "portalUrl": "string",
  "singleSignOn": {
    "type": "string",
    "userAssignment": "string"
  },
  "status": "string",
  "tags": {
    "string" : "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.

arn

The ARN of the Amazon DataZone domain.

Type: String

description

The description of the Amazon DataZone domain.

Type: String

domainExecutionRole

The domain execution role that is created when an Amazon DataZone domain is created. The domain execution role is created in the AWS account that houses the Amazon DataZone domain.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

id

The identifier of the Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

kmsKeyIdentifier

The identifier of the AWS Key Management Service (KMS) key that is used to encrypt the Amazon DataZone domain, metadata, and reporting data.

Type: String

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

Pattern: `^arn:aws(|-cn|-us-gov):kms:[a-zA-Z0-9-]*:[0-9]{12}:key/[a-zA-Z0-9-]{36}$`

name

The name of the Amazon DataZone domain.

Type: String

portalUrl

The URL of the data portal for this Amazon DataZone domain.

Type: String

singleSignOn

The single-sign on configuration of the Amazon DataZone domain.

Type: [SingleSignOn](#) object

status

The status of the Amazon DataZone domain.

Type: String

Valid Values: CREATING | AVAILABLE | CREATION_FAILED | DELETING | DELETED | DELETION_FAILED

tags

The tags specified for the Amazon DataZone domain.

Type: String to string map

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

Key Pattern: `^[\\w \\ . : / = + @ -] + $`

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

Value Pattern: `^[\\w \\ . : / = + @ -] * $`

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateEnvironment

Create an Amazon DataZone environment.

Request Syntax

```
POST /v2/domains/domainIdentifier/environments HTTP/1.1
Content-type: application/json
```

```
{
  "description": "string",
  "environmentProfileIdentifier": "string",
  "glossaryTerms": [ "string " ],
  "name": "string",
  "projectIdentifier": "string",
  "userParameters": [
    {
      "name": "string",
      "value": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which the environment is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the Amazon DataZone environment.

Type: String

Required: No

environmentProfileIdentifier

The identifier of the environment profile that is used to create this Amazon DataZone environment.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

glossaryTerms

The glossary terms that can be used in this Amazon DataZone environment.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

name

The name of the Amazon DataZone environment.

Type: String

Required: Yes

projectIdentifier

The identifier of the Amazon DataZone project in which this environment is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

userParameters

The user parameters of this Amazon DataZone environment.

Type: Array of [EnvironmentParameter](#) objects

Required: No

Response Syntax

```
HTTP/1.1 201
```

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

```
{
  "awsAccountId": "string",
  "awsAccountRegion": "string",
  "createdAt": "string",
  "createdBy": "string",
  "deploymentProperties": {
    "endTimeoutMinutes": number,
    "startTimeoutMinutes": number
  },
  "description": "string",
  "domainId": "string",
  "environmentActions": [
    {
      "auth": "string",
      "parameters": [
        {
          "key": "string",
          "value": "string"
        }
      ],
      "type": "string"
    }
  ],
  "environmentBlueprintId": "string",
  "environmentProfileId": "string",
  "glossaryTerms": [ "string" ],
  "id": "string",
  "lastDeployment": {
    "deploymentId": "string",
    "deploymentStatus": "string",
```

```
    "deploymentType": "string",
    "failureReason": {
      "code": "string",
      "message": "string"
    },
    "isDeploymentComplete": boolean,
    "messages": [ "string" ]
  },
  "name": "string",
  "projectId": "string",
  "provider": "string",
  "provisionedResources": [
    {
      "name": "string",
      "provider": "string",
      "type": "string",
      "value": "string"
    }
  ],
  "provisioningProperties": { ... },
  "status": "string",
  "updatedAt": "string",
  "userParameters": [
    {
      "defaultValue": "string",
      "description": "string",
      "fieldType": "string",
      "isEditable": boolean,
      "isOptional": boolean,
      "keyName": "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.

awsAccountId

The AWS account in which the Amazon DataZone environment is created.

Type: String

Pattern: `^\d{12}$`

awsAccountRegion

The AWS region in which the Amazon DataZone environment is created.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

createdAt

The timestamp of when the environment was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created this environment.

Type: String

deploymentProperties

The deployment properties of this Amazon DataZone environment.

Type: [DeploymentProperties](#) object

description

The description of this Amazon DataZone environment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The identifier of the Amazon DataZone domain in which the environment is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentActions

The configurable actions of this Amazon DataZone environment.

Type: Array of [ConfigurableEnvironmentAction](#) objects

[environmentBlueprintId](#)

The ID of the blueprint with which this Amazon DataZone environment was created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[environmentProfileId](#)

The ID of the environment profile with which this Amazon DataZone environment was created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[glossaryTerms](#)

The glossary terms that can be used in this Amazon DataZone environment.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[id](#)

The ID of this Amazon DataZone environment.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[lastDeployment](#)

The details of the last deployment of this Amazon DataZone environment.

Type: [Deployment](#) object

[name](#)

The name of this environment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

projectId

The ID of the Amazon DataZone project in which this environment is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

provider

The provider of this Amazon DataZone environment.

Type: String

provisionedResources

The provisioned resources of this Amazon DataZone environment.

Type: Array of [Resource](#) objects

provisioningProperties

The provisioning properties of this Amazon DataZone environment.

Type: [ProvisioningProperties](#) object

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

status

The status of this Amazon DataZone environment.

Type: String

Valid Values: ACTIVE | CREATING | UPDATING | DELETING | CREATE_FAILED | UPDATE_FAILED | DELETE_FAILED | VALIDATION_FAILED | SUSPENDED | DISABLED | EXPIRED | DELETED | INACCESSIBLE

updatedAt

The timestamp of when this environment was updated.

Type: Timestamp

userParameters

The user parameters of this Amazon DataZone environment.

Type: Array of [CustomParameter](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateEnvironmentProfile

Creates an Amazon DataZone environment profile.

Request Syntax

```
POST /v2/domains/domainIdentifier/environment-profiles HTTP/1.1
Content-type: application/json
```

```
{
  "awsAccountId": "string",
  "awsAccountRegion": "string",
  "description": "string",
  "environmentBlueprintIdentifier": "string",
  "name": "string",
  "projectIdentifier": "string",
  "userParameters": [
    {
      "name": "string",
      "value": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this environment profile is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

awsAccountId

The AWS account in which the Amazon DataZone environment is created.

Type: String

Pattern: `^\d{12}$`

Required: No

awsAccountRegion

The AWS region in which this environment profile is created.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

Required: No

description

The description of this Amazon DataZone environment profile.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

environmentBlueprintIdentifier

The ID of the blueprint with which this environment profile is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of this Amazon DataZone environment profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: Yes

projectIdentifier

The identifier of the project in which to create the environment profile.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

userParameters

The user parameters of this Amazon DataZone environment profile.

Type: Array of [EnvironmentParameter](#) objects

Required: No

Response Syntax

```
HTTP/1.1 201
```

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

```
{
  "awsAccountId": "string",
  "awsAccountRegion": "string",
  "createdAt": "string",
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "environmentBlueprintId": "string",
  "id": "string",
  "name": "string",
  "projectId": "string",
  "updatedAt": "string",
  "userParameters": [
    {
      "defaultValue": "string",
      "description": "string",
      "fieldType": "string",
```

```
    "isEditable": boolean,
    "isOptional": boolean,
    "keyName": "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.

awsAccountId

The AWS account ID in which this Amazon DataZone environment profile is created.

Type: String

Pattern: `^\d{12}$`

awsAccountRegion

The AWS region in which this Amazon DataZone environment profile is created.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

createdAt

The timestamp of when this environment profile was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created this environment profile.

Type: String

description

The description of this Amazon DataZone environment profile.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which this environment profile is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentBlueprintId

The ID of the blueprint with which this environment profile is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of this Amazon DataZone environment profile.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

name

The name of this Amazon DataZone environment profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\w -]+$`

projectId

The ID of the Amazon DataZone project in which this environment profile is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when this environment profile was updated.

Type: Timestamp

[userParameters](#)

The user parameters of this Amazon DataZone environment profile.

Type: Array of [CustomParameter](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateFormType

Creates a metadata form type.

Request Syntax

```
POST /v2/domains/domainIdentifier/form-types HTTP/1.1
Content-type: application/json
```

```
{
  "description": "string",
  "model": { ... },
  "name": "string",
  "owningProjectIdentifier": "string",
  "status": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this metadata form type is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of this Amazon DataZone metadata form type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

model

The model of this Amazon DataZone metadata form type.

Type: [Model](#) object

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

Required: Yes

name

The name of this Amazon DataZone metadata form type.

Type: String

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

Pattern: `^(amazon.datazone.)(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

owningProjectIdentifier

The ID of the Amazon DataZone project that owns this metadata form type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

status

The status of this Amazon DataZone metadata form type.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

Response Syntax

```
HTTP/1.1 201
```

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

```
{
  "description": "string",
  "domainId": "string",
  "name": "string",
  "originDomainId": "string",
  "originProjectId": "string",
  "owningProjectId": "string",
  "revision": "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.

description

The description of this Amazon DataZone metadata form type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which this metadata form type is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

name

The name of this Amazon DataZone metadata form type.

Type: String

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

Pattern: `^(amazon.datazone.)(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

originDomainId

The ID of the Amazon DataZone domain in which this metadata form type was originally created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

originProjectId

The ID of the project in which this Amazon DataZone metadata form type was originally created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

owningProjectId

The ID of the project that owns this Amazon DataZone metadata form type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

revision

The revision of this Amazon DataZone metadata form type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateGlossary

Creates an Amazon DataZone business glossary.

Request Syntax

```
POST /v2/domains/domainIdentifier/glossaries HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "description": "string",
  "name": "string",
  "owningProjectIdentifier": "string",
  "status": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this business glossary is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: `^[^\x21-\x7E]+$`

Required: No

description

The description of this business glossary.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

name

The name of this business glossary.

Type: String

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

Required: Yes

owningProjectIdentifier

The ID of the project that currently owns business glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

status

The status of this business glossary.

Type: String

Valid Values: DISABLED | ENABLED

Required: No

Response Syntax

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

```
{
  "description": "string",
  "domainId": "string",
  "id": "string",
  "name": "string",
  "owningProjectId": "string",
  "status": "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.

description

The description of this business glossary.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

domainId

The ID of the Amazon DataZone domain in which this business glossary is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The ID of this business glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

name

The name of this business glossary.

Type: String

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

owningProjectId

The ID of the project that currently owns this business glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status of this business glossary.

Type: String

Valid Values: DISABLED | ENABLED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateGlossaryTerm

Creates a business glossary term.

Request Syntax

```
POST /v2/domains/domainIdentifier/glossary-terms HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "glossaryIdentifier": "string",
  "longDescription": "string",
  "name": "string",
  "shortDescription": "string",
  "status": "string",
  "termRelations": {
    "classifies": [ "string" ],
    "isA": [ "string" ]
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this business glossary term is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: `^\[\x21-\x7E\]+`

Required: No

[glossaryIdentifier](#)

The ID of the business glossary in which this term is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}`

Required: Yes

[longDescription](#)

The long description of this business glossary term.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

[name](#)

The name of this business glossary term.

Type: String

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

Required: Yes

[shortDescription](#)

The short description of this business glossary term.

Type: String

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

Required: No

status

The status of this business glossary term.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

termRelations

The term relations of this business glossary term.

Type: [TermRelations](#) object

Required: No

Response Syntax

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

{
  "domainId": "string",
  "glossaryId": "string",
  "id": "string",
  "longDescription": "string",
  "name": "string",
  "shortDescription": "string",
  "status": "string",
  "termRelations": {
    "classifies": [ "string" ],
    "isA": [ "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.

domainId

The ID of the Amazon DataZone domain in which this business glossary term is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

glossaryId

The ID of the business glossary in which this term is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of this business glossary term.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

longDescription

The long description of this business glossary term.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

name

The name of this business glossary term.

Type: String

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

shortDescription

The short description of this business glossary term.

Type: String

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

status

The status of this business glossary term.

Type: String

Valid Values: ENABLED | DISABLED

termRelations

The term relations of this business glossary term.

Type: [TermRelations](#) object

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateGroupProfile

Creates a group profile in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/group-profiles HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "groupIdentifier": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which the group profile is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

groupIdentifier

The identifier of the group for which the group profile is created.

Type: String

Pattern: ([^][0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}\$|[\p{L}\p{M}\p{S}\p{N}\p{P}\t\n\r]+)

Required: Yes

Response Syntax

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

{
  "domainId": "string",
  "groupName": "string",
  "id": "string",
  "status": "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.

domainId

The identifier of the Amazon DataZone domain in which the group profile is created.

Type: String

Pattern: [^]dzd[-_][a-zA-Z0-9_-]{1,36}\$

groupName

The name of the group for which group profile is created.

Type: String

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

Pattern: [^][a-zA-Z_0-9+=, .@-]+\$

id

The identifier of the group profile.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

status

The status of the group profile.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateListingChangeSet

Publishes a listing (a record of an asset at a given time) or removes a listing from the catalog.

Request Syntax

```
POST /v2/domains/domainIdentifier/listings/change-set HTTP/1.1
Content-type: application/json
```

```
{
  "action": "string",
  "clientToken": "string",
  "entityIdentifier": "string",
  "entityRevision": "string",
  "entityType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

action

Specifies whether to publish or unpublish a listing.

Type: String

Valid Values: PUBLISH | UNPUBLISH

Required: Yes

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: `^\[\x21-\x7E\]+$`

Required: No

entityIdentifier

The ID of the asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityRevision

The revision of an asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

entityType

The type of an entity.

Type: String

Valid Values: ASSET

Required: Yes

Response Syntax

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

```
{
  "listingId": "string",
  "listingRevision": "string",
  "status": "string"
}
```

Response Elements

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

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

listingId

The ID of the listing (a record of an asset at a given time).

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

listingRevision

The revision of a listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

status

Specifies the status of the listing.

Type: String

Valid Values: CREATING | ACTIVE | INACTIVE

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateProject

Creates an Amazon DataZone project.

Request Syntax

```
POST /v2/domains/domainIdentifier/projects HTTP/1.1  
Content-type: application/json
```

```
{  
  "description": "string",  
  "glossaryTerms": [ "string" ],  
  "name": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this project is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the Amazon DataZone project.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

glossaryTerms

The glossary terms that can be used in this Amazon DataZone project.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

name

The name of the Amazon DataZone project.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: Yes

Response Syntax

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

{
  "createdAt": "string",
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "failureReasons": [
    {
      "code": "string",
      "message": "string"
    }
  ],
  "glossaryTerms": [ "string" ],
  "id": "string",
  "lastUpdatedAt": "string",
```

```
"name": "string",  
"projectStatus": "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.

createdAt

The timestamp of when the project was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the project.

Type: String

description

The description of the project.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The identifier of the Amazon DataZone domain in which the project was created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

failureReasons

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: Array of [ProjectDeletionError](#) objects

glossaryTerms

The glossary terms that can be used in the project.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of the Amazon DataZone project.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastUpdatedAt

The timestamp of when the project was last updated.

Type: Timestamp

name

The name of the project.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

projectStatus

The status of the Amazon DataZone project that was created.

Type: String

Valid Values: ACTIVE | DELETING | DELETE_FAILED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateProjectMembership

Creates a project membership in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/projects/projectIdentifier/createMembership HTTP/1.1
Content-type: application/json
```

```
{
  "designation": "string",
  "member": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which project membership is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

projectIdentifier

The ID of the project for which this project membership was created.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

designation

The designation of the project membership.

Type: String

Valid Values: PROJECT_OWNER | PROJECT_CONTRIBUTOR

Required: Yes

member

The project member whose project membership was created.

Type: [Member](#) object

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

Required: Yes

Response Syntax

```
HTTP/1.1 201
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateSubscriptionGrant

Creates a subsscription grant in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/subscription-grants HTTP/1.1
Content-type: application/json
```

```
{
  "assetTargetNames": [
    {
      "assetId": "string",
      "targetName": "string"
    }
  ],
  "clientToken": "string",
  "environmentIdentifier": "string",
  "grantedEntity": { ... },
  "subscriptionTargetIdentifier": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the subscription grant is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

assetTargetNames

The names of the assets for which the subscription grant is created.

Type: Array of [AssetTargetNameMap](#) objects

Required: No

[clientToken](#)

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

[environmentIdentifier](#)

The ID of the environment in which the subscription grant is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

[grantedEntity](#)

The entity to which the subscription is to be granted.

Type: [GrantedEntityInput](#) object

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

Required: Yes

[subscriptionTargetIdentifier](#)

The ID of the subscription target for which the subscription grant is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Response Syntax

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



```
{
  "assets": [
    {
      "assetId": "string",
      "assetRevision": "string",
      "failureCause": {
        "message": "string"
      },
      "failureTimestamp": number,
      "grantedTimestamp": number,
      "status": "string",
      "targetName": "string"
    }
  ],
  "createdAt": number,
  "createdBy": "string",
  "domainId": "string",
  "grantedEntity": { ... },
  "id": "string",
  "status": "string",
  "subscriptionId": "string",
  "subscriptionTargetId": "string",
  "updatedAt": number,
  "updatedBy": "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.

assets

The assets for which the subscription grant is created.

Type: Array of [SubscribedAsset](#) objects

createdAt

A timestamp of when the subscription grant is created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription grant.

Type: String

domainId

The ID of the Amazon DataZone domain in which the subscription grant is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

grantedEntity

The entity to which the subscription is granted.

Type: [GrantedEntity](#) object

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

id

The ID of the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status of the subscription grant.

Type: String

Valid Values: PENDING | IN_PROGRESS | GRANT_FAILED | REVOKE_FAILED | GRANT_AND_REVOKE_FAILED | COMPLETED | INACCESSIBLE

subscriptionId

The identifier of the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

subscriptionTargetId

The ID of the subscription target for which the subscription grant is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

A timestamp of when the subscription grant was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription grant.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateSubscriptionRequest

Creates a subscription request in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/subscription-requests HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "requestReason": "string",
  "subscribedListings": [
    {
      "identifier": "string"
    }
  ],
  "subscribedPrincipals": [
    { ... }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the subscription request is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

requestReason

The reason for the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

subscribedListings

The published asset for which the subscription grant is to be created.

Type: Array of [SubscribedListingInput](#) objects

Array Members: Fixed number of 1 item.

Required: Yes

subscribedPrincipals

The Amazon DataZone principals for whom the subscription request is created.

Type: Array of [SubscribedPrincipalInput](#) objects

Array Members: Fixed number of 1 item.

Required: Yes

Response Syntax

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

```
{
  "createdAt": number,
  "createdBy": "string",
  "decisionComment": "string",
  "domainId": "string",
  "id": "string",
```

```
"requestReason": "string",
"reviewerId": "string",
"status": "string",
"subscribedListings": [
  {
    "description": "string",
    "id": "string",
    "item": { ... },
    "name": "string",
    "ownerProjectId": "string",
    "ownerProjectName": "string",
    "revision": "string"
  }
],
"subscribedPrincipals": [
  { ... }
],
"updatedAt": number,
"updatedBy": "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.

createdAt

A timestamp of when the subscription request is created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription request.

Type: String

decisionComment

The decision comment of the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

domainId

The ID of the Amazon DataZone domain in which the subscription request is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The ID of the subscription request.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

requestReason

The reason for the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

reviewerId

The ID of the reviewer of the subscription request.

Type: String

status

The status of the subscription request.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED

subscribedListings

The published asset for which the subscription grant is to be created.

Type: Array of [SubscribedListing](#) objects

Array Members: Fixed number of 1 item.

subscribedPrincipals

The subscribed principals of the subscription request.

Type: Array of [SubscribedPrincipal](#) objects

Array Members: Fixed number of 1 item.

updatedAt

The timestamp of when the subscription request was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription request.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

CreateSubscriptionTarget

Creates a subscription target in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/environments/environmentIdentifier/subscription-
targets HTTP/1.1
Content-type: application/json
```

```
{
  "applicableAssetTypes": [ "string" ],
  "authorizedPrincipals": [ "string" ],
  "clientToken": "string",
  "manageAccessRole": "string",
  "name": "string",
  "provider": "string",
  "subscriptionTargetConfig": [
    {
      "content": "string",
      "formName": "string"
    }
  ],
  "type": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which subscription target is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentIdentifier

The ID of the environment in which subscription target is created.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

applicableAssetTypes

The asset types that can be included in the subscription target.

Type: Array of strings

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

Pattern: `^[^\.\]*`

Required: Yes

authorizedPrincipals

The authorized principals of the subscription target.

Type: Array of strings

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

Pattern: `^[a-zA-Z0-9:/_]*$`

Required: Yes

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

manageAccessRole

The manage access role that is used to create the subscription target.

Type: String

Required: Yes

name

The name of the subscription target.

Type: String

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

Required: Yes

provider

The provider of the subscription target.

Type: String

Required: No

subscriptionTargetConfig

The configuration of the subscription target.

Type: Array of [SubscriptionTargetForm](#) objects

Required: Yes

type

The type of the subscription target.

Type: String

Required: Yes

Response Syntax

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

{
  "applicableAssetTypes": [ "string" ],
  "authorizedPrincipals": [ "string" ],
  "createdAt": number,
  "createdBy": "string",
```

```
"domainId": "string",
"environmentId": "string",
"id": "string",
"manageAccessRole": "string",
"name": "string",
"projectId": "string",
"provider": "string",
"subscriptionTargetConfig": [
  {
    "content": "string",
    "formName": "string"
  }
],
"type": "string",
"updatedAt": number,
"updatedBy": "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.

[applicableAssetTypes](#)

The asset types that can be included in the subscription target.

Type: Array of strings

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

Pattern: `^[^\.\]*`

[authorizedPrincipals](#)

The authorised principals of the subscription target.

Type: Array of strings

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

Pattern: `^[a-zA-Z0-9:/_]*$`

createdAt

The timestamp of when the subscription target was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription target.

Type: String

domainId

The ID of the Amazon DataZone domain in which the subscription target was created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentId

The ID of the environment in which the subscription target was created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of the subscription target.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

manageAccessRole

The manage access role with which the subscription target was created.

Type: String

name

The name of the subscription target.

Type: String

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

projectId

???

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

provider

The provider of the subscription target.

Type: String

subscriptionTargetConfig

The configuration of the subscription target.

Type: Array of [SubscriptionTargetForm](#) objects

type

The type of the subscription target.

Type: String

updatedAt

The timestamp of when the subscription target was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription target.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)

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

CreateUserProfile

Creates a user profile in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/user-profiles HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "userIdentifier": "string",
  "userType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a user profile is created.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

userIdentifier

The identifier of the user for which the user profile is created.

Type: String

Pattern: (^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}\$|^([a-zA-Z_0-9+=, .@-]+|^arn:aws:iam:.\d{12}:.+)\$)

Required: Yes

userType

The user type of the user for which the user profile is created.

Type: String

Valid Values: IAM_USER | IAM_ROLE | SSO_USER

Required: No

Response Syntax

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

```
{
  "details": { ... },
  "domainId": "string",
  "id": "string",
  "status": "string",
  "type": "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.

details

The details of the user profile in Amazon DataZone.

Type: [UserProfileDetails](#) object

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

domainId

The identifier of the Amazon DataZone domain in which a user profile is created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the user profile.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

status

The status of the user profile.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED | ACTIVATED | DEACTIVATED

type

The type of the user profile.

Type: String

Valid Values: IAM | SSO

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteAsset

Deletes an asset in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/assets/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the asset is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the asset that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

DeleteAssetType

Deletes an asset type in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/asset-types/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the asset type is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the asset type that is deleted.

Length Constraints: Minimum length of 1. Maximum length of 513.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteDataSource

Deletes a data source in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/data-sources/identifier?clientToken=clientToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

domainIdentifier

The ID of the Amazon DataZone domain in which the data source is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the data source that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "assetFormsOutput": [
    {
      "content": "string",
      "formName": "string",
      "typeName": "string",
      "typeRevision": "string"
    }
  ],
  "configuration": { ... },
  "createdAt": "string",
  "description": "string",
  "domainId": "string",
  "enableSetting": "string",
  "environmentId": "string",
  "errorMessage": {
    "errorDetail": "string",
    "errorType": "string"
  },
  "id": "string",
  "lastRunAt": "string",
  "lastRunErrorMessage": {
    "errorDetail": "string",
    "errorType": "string"
  },
  "lastRunStatus": "string",
  "name": "string",
  "projectId": "string",
  "publishOnImport": boolean,
  "schedule": {
    "schedule": "string",
    "timezone": "string"
  },
  "status": "string",
  "type": "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.

assetFormsOutput

The asset data forms associated with this data source.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

configuration

The configuration of the data source that is deleted.

Type: [DataSourceConfigurationOutput](#) object

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

createdAt

The timestamp of when this data source was created.

Type: Timestamp

description

The description of the data source that is deleted.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which the data source is deleted.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

enableSetting

The enable setting of the data source that specifies whether the data source is enabled or disabled.

Type: String

Valid Values: ENABLED | DISABLED

environmentId

The ID of the environment associated with this data source.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

errorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

id

The ID of the data source that is deleted.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastRunAt

The timestamp of when the data source was last run.

Type: Timestamp

lastRunErrorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

lastRunStatus

The status of the last run of this data source.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

name

The name of the data source that is deleted.

Type: String

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

projectId

The ID of the project in which this data source exists and from which it's deleted.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

publishOnImport

Specifies whether the assets that this data source creates in the inventory are to be also automatically published to the catalog.

Type: Boolean

schedule

The schedule of runs for this data source.

Type: [ScheduleConfiguration](#) object

status

The status of this data source.

Type: String

Valid Values: CREATING | FAILED_CREATION | READY | UPDATING | FAILED_UPDATE
| RUNNING | DELETING | FAILED_DELETION

type

The type of this data source.

Type: String

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

updatedAt

The timestamp of when this data source was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteDomain

Deletes a Amazon DataZone domain.

Request Syntax

```
DELETE /v2/domains/identifier?  
clientToken=clientToken&skipDeletionCheck=skipDeletionCheck HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

identifier

The identifier of the AWS domain that is to be deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

skipDeletionCheck

Specifies the optional flag to delete all child entities within the domain.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 202  
Content-type: application/json  
  
{  
  "status": "string"
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

status

The status of the domain.

Type: String

Valid Values: CREATING | AVAILABLE | CREATION_FAILED | DELETING | DELETED | DELETION_FAILED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteEnvironment

Deletes an environment in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/environments/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the environment is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the environment that is to be deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

DeleteEnvironmentBlueprintConfiguration

Deletes the blueprint configuration in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/environment-blueprint-
configurations/environmentBlueprintIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the blueprint configuration is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentBlueprintIdentifier

The ID of the blueprint the configuration of which is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

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

DeleteEnvironmentProfile

Deletes an environment profile in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/environment-profiles/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the environment profile is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the environment profile that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

DeleteFormType

Deletes and metadata form type in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/form-types/formTypeIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the metadata form type is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

formTypeIdentifier

The ID of the metadata form type that is deleted.

Length Constraints: Minimum length of 1. Maximum length of 385.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteGlossary

Deletes a business glossary in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/glossaries/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the business glossary is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the business glossary that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteGlossaryTerm

Deletes a business glossary term in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/glossary-terms/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the business glossary term is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the business glossary term that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteListing

Deletes a listing (a record of an asset at a given time).

Request Syntax

```
DELETE /v2/domains/domainIdentifier/listings/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the listing to be deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteProject

Deletes a project in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/projects/identifier?  
skipDeletionCheck=skipDeletionCheck HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the project is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the project that is to be deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

skipDeletionCheck

Specifies the optional flag to delete all child entities within the project.

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteProjectMembership

Deletes project membership in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/projects/projectIdentifier/deleteMembership HTTP/1.1
Content-type: application/json
```

```
{
  "member": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where project membership is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

projectIdentifier

The ID of the Amazon DataZone project the membership to which is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

member

The project member whose project membership is deleted.

Type: [Member](#) object

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

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteSubscriptionGrant

Deletes and subscription grant in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/subscription-grants/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where the subscription grant is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the subscription grant that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "assets": [
    {
      "assetId": "string",
```

```
    "assetRevision": "string",
    "failureCause": {
      "message": "string"
    },
    "failureTimestamp": number,
    "grantedTimestamp": number,
    "status": "string",
    "targetName": "string"
  }
],
"createdAt": number,
"createdBy": "string",
"domainId": "string",
"grantedEntity": { ... },
"id": "string",
"status": "string",
"subscriptionId": "string",
"subscriptionTargetId": "string",
"updatedAt": number,
"updatedBy": "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.

assets

The assets for which the subscription grant that is deleted gave access.

Type: Array of [SubscribedAsset](#) objects

createdAt

The timestamp of when the subscription grant that is deleted was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription grant that is deleted.

Type: String

domainId

The ID of the Amazon DataZone domain in which the subscription grant is deleted.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

grantedEntity

The entity to which the subscription is deleted.

Type: [GrantedEntity](#) object

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

id

The ID of the subscription grant that is deleted.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status of the subscription grant that is deleted.

Type: String

Valid Values: PENDING | IN_PROGRESS | GRANT_FAILED | REVOKE_FAILED | GRANT_AND_REVOKE_FAILED | COMPLETED | INACCESSIBLE

subscriptionId

The identifier of the subscription whose subscription grant is to be deleted.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

subscriptionTargetId

The ID of the subscription target associated with the subscription grant that is deleted.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when the subscription grant that is deleted was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription grant that is deleted.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteSubscriptionRequest

Deletes a subscription request in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/subscription-requests/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the subscription request is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the subscription request that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteSubscriptionTarget

Deletes a subscription target in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/environments/environmentIdentifier/subscription-  
targets/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the subscription target is deleted.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentIdentifier

The ID of the Amazon DataZone environment in which the subscription target is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the subscription target that is deleted.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

DeleteTimeSeriesDataPoints

Deletes the specified time series form for the specified asset.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/time-series-  
data-points?clientToken=clientToken&formName=formName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request. This field is automatically populated if not provided.

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

Pattern: `^[\\x21-\\x7E]+$`

domainIdentifier

The ID of the Amazon DataZone domain that houses the asset for which you want to delete a time series form.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityIdentifier

The ID of the asset for which you want to delete a time series form.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityType

The type of the asset for which you want to delete a time series form.

Valid Values: ASSET | LISTING

Required: Yes

formName

The name of the time series form that you want to delete.

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/1.1 204
```

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetAsset

Gets an Amazon DataZone asset.

Request Syntax

```
GET /v2/domains/domainIdentifier/assets/identifier?revision=revision HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain to which the asset belongs.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the Amazon DataZone asset.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

revision

The revision of the Amazon DataZone asset.

Length Constraints: Minimum length of 1. Maximum length of 64.

Request Body

The request does not have a request body.

Response Syntax

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



```
{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "externalIdentifier": "string",
  "firstRevisionCreatedAt": number,
  "firstRevisionCreatedBy": "string",
  "formsOutput": [
    {
      "content": "string",
      "formName": "string",
      "typeName": "string",
      "typeRevision": "string"
    }
  ],
  "glossaryTerms": [ "string" ],
  "id": "string",
  "latestTimeSeriesDataPointFormsOutput": [
    {
      "contentSummary": "string",
      "formName": "string",
      "id": "string",
      "timestamp": number,
      "typeIdentifier": "string",
      "typeRevision": "string"
    }
  ],
  "listing": {
    "listingId": "string",
    "listingStatus": "string"
  },
  "name": "string",
  "owningProjectId": "string",
  "readOnlyFormsOutput": [
    {
      "content": "string",
      "formName": "string",
      "typeName": "string",
      "typeRevision": "string"
    }
  ],
  "revision": "string",
  "typeIdentifier": "string",

```

```
"typeRevision": "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.

createdAt

The timestamp of when the asset was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the asset.

Type: String

description

The description of the Amazon DataZone asset.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain to which the asset belongs.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

externalIdentifier

The external ID of the asset.

Type: String

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

firstRevisionCreatedAt

The timestamp of when the first revision of the asset was created.

Type: Timestamp

[firstRevisionCreatedBy](#)

The Amazon DataZone user who created the first revision of the asset.

Type: String

[formsOutput](#)

The metadata forms attached to the asset.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

[glossaryTerms](#)

The business glossary terms attached to the asset.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[id](#)

The ID of the asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[latestTimeSeriesDataPointFormsOutput](#)

The latest data point that was imported into the time series form for the asset.

Type: Array of [TimeSeriesDataPointSummaryFormOutput](#) objects

[listing](#)

The listing of the asset.

Type: [AssetListingDetails](#) object

[name](#)

The name of the asset.

Type: String

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

owningProjectId

The ID of the project that owns the asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

readOnlyFormsOutput

The read-only metadata forms attached to the asset.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

revision

The revision of the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

typeIdentifier

The ID of the asset type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 513.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

typeRevision

The revision of the asset type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

GetAssetType

Gets an Amazon DataZone asset type.

Request Syntax

```
GET /v2/domains/domainIdentifier/asset-types/identifier?revision=revision HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the asset type exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the asset type.

Length Constraints: Minimum length of 1. Maximum length of 513.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

revision

The revision of the asset type.

Length Constraints: Minimum length of 1. Maximum length of 64.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Content-type: application/json

```
{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "formsOutput": {
    "string" : {
      "required": boolean,
      "typeName": "string",
      "typeRevision": "string"
    }
  },
  "name": "string",
  "originDomainId": "string",
  "originProjectId": "string",
  "owningProjectId": "string",
  "revision": "string",
  "updatedAt": number,
  "updatedBy": "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.

createdAt

The timestamp of when the asset type was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the asset type.

Type: String

description

The description of the asset type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which the asset type exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

formsOutput

The metadata forms attached to the asset type.

Type: String to [FormEntryOutput](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

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

Key Pattern: `^(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

name

The name of the asset type.

Type: String

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

Pattern: `^[^\.\]*`

originDomainId

The ID of the Amazon DataZone domain in which the asset type was originally created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

originProjectId

The ID of the Amazon DataZone project in which the asset type was originally created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

owningProjectId

The ID of the Amazon DataZone project that owns the asset type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

revision

The revision of the asset type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

updatedAt

The timestamp of when the asset type was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user that updated the asset type.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetDataSource

Gets an Amazon DataZone data source.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-sources/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the data source exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the Amazon DataZone data source.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "assetFormsOutput": [
    {
      "content": "string",
```

```
    "formName": "string",
    "typeName": "string",
    "typeRevision": "string"
  }
],
"configuration": { ... },
"createdAt": "string",
"description": "string",
"domainId": "string",
"enableSetting": "string",
"environmentId": "string",
"errorMessage": {
  "errorDetail": "string",
  "errorType": "string"
},
"id": "string",
"lastRunAssetCount": number,
"lastRunAt": "string",
"lastRunErrorMessage": {
  "errorDetail": "string",
  "errorType": "string"
},
"lastRunStatus": "string",
"name": "string",
"projectId": "string",
"publishOnImport": boolean,
"recommendation": {
  "enableBusinessNameGeneration": boolean
},
"schedule": {
  "schedule": "string",
  "timezone": "string"
},
"status": "string",
"type": "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.

assetFormsOutput

The metadata forms attached to the assets created by this data source.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

configuration

The configuration of the data source.

Type: [DataSourceConfigurationOutput](#) object

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

createdAt

The timestamp of when the data source was created.

Type: Timestamp

description

The description of the data source.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which the data source exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

enableSetting

Specifies whether this data source is enabled or not.

Type: String

Valid Values: ENABLED | DISABLED

environmentId

The ID of the environment where this data source creates and publishes assets,

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

errorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

id

The ID of the data source.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastRunAssetCount

The number of assets created by the data source during its last run.

Type: Integer

lastRunAt

The timestamp of the last run of the data source.

Type: Timestamp

lastRunErrorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

lastRunStatus

The status of the last run of the data source.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

name

The name of the data source.

Type: String

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

projectId

The ID of the project where the data source creates and publishes assets.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

publishOnImport

Specifies whether the assets that this data source creates in the inventory are to be also automatically published to the catalog.

Type: Boolean

recommendation

The recommendation configuration of the data source.

Type: [RecommendationConfiguration](#) object

schedule

The schedule of the data source runs.

Type: [ScheduleConfiguration](#) object

status

The status of the data source.

Type: String

Valid Values: CREATING | FAILED_CREATION | READY | UPDATING | FAILED_UPDATE
| RUNNING | DELETING | FAILED_DELETION

type

The type of the data source.

Type: String

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

updatedAt

The timestamp of when the data source was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetDataSourceRun

Gets an Amazon DataZone data source run.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-source-runs/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain in which this data source run was performed.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the data source run.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": "string",
  "dataSourceConfigurationSnapshot": "string",
  "dataSourceId": "string",
```

```
"domainId": "string",
"errorMessage": {
  "errorDetail": "string",
  "errorType": "string"
},
"id": "string",
"projectId": "string",
"runStatisticsForAssets": {
  "added": number,
  "failed": number,
  "skipped": number,
  "unchanged": number,
  "updated": number
},
"startedAt": "string",
"status": "string",
"stoppedAt": "string",
"type": "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.

createdAt

The timestamp of when the data source run was created.

Type: Timestamp

dataSourceConfigurationSnapshot

The configuration snapshot of the data source run.

Type: String

dataSourceId

The ID of the data source for this data source run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

domainId

The ID of the domain in which this data source run was performed.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

errorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

id

The ID of the data source run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

projectId

The ID of the project in which this data source run occurred.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

runStatisticsForAssets

The asset statistics from this data source run.

Type: [RunStatisticsForAssets](#) object

startedAt

The timestamp of when this data source run started.

Type: Timestamp

status

The status of this data source run.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

stoppedAt

The timestamp of when this data source run stopped.

Type: Timestamp

type

The type of this data source run.

Type: String

Valid Values: PRIORITIZED | SCHEDULED

updatedAt

The timestamp of when this data source run was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

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

GetDomain

Gets an Amazon DataZone domain.

Request Syntax

```
GET /v2/domains/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

identifier

The identifier of the specified Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "arn": "string",
  "createdAt": number,
  "description": "string",
  "domainExecutionRole": "string",
  "id": "string",
  "kmsKeyIdentifier": "string",
  "lastUpdatedAt": number,
  "name": "string",
  "portalUrl": "string",
  "singleSignOn": {
```

```
    "type": "string",
    "userAssignment": "string"
  },
  "status": "string",
  "tags": {
    "string" : "string"
  }
}
```

Response Elements

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

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

arn

The ARN of the specified Amazon DataZone domain.

Type: String

createdAt

The timestamp of when the Amazon DataZone domain was created.

Type: Timestamp

description

The description of the Amazon DataZone domain.

Type: String

domainExecutionRole

The domain execution role with which the Amazon DataZone domain is created.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

id

The identifier of the specified Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

kmsKeyIdentifier

The identifier of the AWS Key Management Service (KMS) key that is used to encrypt the Amazon DataZone domain, metadata, and reporting data.

Type: String

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

Pattern: `^arn:aws(|-cn|-us-gov):kms:[a-zA-Z0-9-]*:[0-9]{12}:key/[a-zA-Z0-9-]{36}$`

lastUpdatedAt

The timestamp of when the Amazon DataZone domain was last updated.

Type: Timestamp

name

The name of the Amazon DataZone domain.

Type: String

portalUrl

The URL of the data portal for this Amazon DataZone domain.

Type: String

singleSignOn

The single sign-on option of the specified Amazon DataZone domain.

Type: [SingleSignOn](#) object

status

The status of the specified Amazon DataZone domain.

Type: String

Valid Values: CREATING | AVAILABLE | CREATION_FAILED | DELETING | DELETED | DELETION_FAILED

tags

The tags specified for the Amazon DataZone domain.

Type: String to string map

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

Key Pattern: `^[\\w \\ . :/=+@-]+$`

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

Value Pattern: `^[\\w \\ . :/=+@-]*$`

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetEnvironment

Gets an Amazon DataZone environment.

Request Syntax

```
GET /v2/domains/domainIdentifier/environments/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where the environment exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the Amazon DataZone environment.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "awsAccountId": "string",
  "awsAccountRegion": "string",
  "createdAt": "string",
  "createdBy": "string",
```

```
"deploymentProperties": {
  "endTimeoutMinutes": number,
  "startTimeoutMinutes": number
},
"description": "string",
"domainId": "string",
"environmentActions": [
  {
    "auth": "string",
    "parameters": [
      {
        "key": "string",
        "value": "string"
      }
    ],
    "type": "string"
  }
],
"environmentBlueprintId": "string",
"environmentProfileId": "string",
"glossaryTerms": [ "string " ],
"id": "string",
"lastDeployment": {
  "deploymentId": "string",
  "deploymentStatus": "string",
  "deploymentType": "string",
  "failureReason": {
    "code": "string",
    "message": "string"
  },
  "isDeploymentComplete": boolean,
  "messages": [ "string " ]
},
"name": "string",
"projectId": "string",
"provider": "string",
"provisionedResources": [
  {
    "name": "string",
    "provider": "string",
    "type": "string",
    "value": "string"
  }
],
```

```
"provisioningProperties": { ... },
"status": "string",
"updatedAt": "string",
"userParameters": [
  {
    "defaultValue": "string",
    "description": "string",
    "fieldType": "string",
    "isEditable": boolean,
    "isOptional": boolean,
    "keyName": "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.

awsAccountId

The ID of the AWS account where the environment exists.

Type: String

Pattern: `^\d{12}$`

awsAccountRegion

The AWS region where the environment exists.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

createdAt

The timestamp of when the environment was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the environment.

Type: String

deploymentProperties

The deployment properties of the environment.

Type: [DeploymentProperties](#) object

description

The description of the environment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain where the environment exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentActions

The actions of the environment.

Type: Array of [ConfigurableEnvironmentAction](#) objects

environmentBlueprintId

The blueprint with which the environment is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

environmentProfileId

The ID of the environment profile with which the environment is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

glossaryTerms

The business glossary terms that can be used in this environment.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of the environment.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastDeployment

The details of the last deployment of the environment.

Type: [Deployment](#) object

name

The name of the environment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

projectId

The ID of the Amazon DataZone project in which this environment is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

provider

The provider of this Amazon DataZone environment.

Type: String

provisionedResources

The provisioned resources of this Amazon DataZone environment.

Type: Array of [Resource](#) objects

[provisioningProperties](#)

The provisioning properties of this Amazon DataZone environment.

Type: [ProvisioningProperties](#) object

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

[status](#)

The status of this Amazon DataZone environment.

Type: String

Valid Values: ACTIVE | CREATING | UPDATING | DELETING | CREATE_FAILED | UPDATE_FAILED | DELETE_FAILED | VALIDATION_FAILED | SUSPENDED | DISABLED | EXPIRED | DELETED | INACCESSIBLE

[updatedAt](#)

The timestamp of when this environment was updated.

Type: Timestamp

[userParameters](#)

The user parameters of this Amazon DataZone environment.

Type: Array of [CustomParameter](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetEnvironmentBlueprint

Gets an Amazon DataZone blueprint.

Request Syntax

```
GET /v2/domains/domainIdentifier/environment-blueprints/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the domain in which this blueprint exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of this Amazon DataZone blueprint.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": "string",
  "deploymentProperties": {
    "endTimeoutMinutes": number,
```

```
    "startTimeoutMinutes": number
  },
  "description": "string",
  "glossaryTerms": [ "string" ],
  "id": "string",
  "name": "string",
  "provider": "string",
  "provisioningProperties": { ... },
  "updatedAt": "string",
  "userParameters": [
    {
      "defaultValue": "string",
      "description": "string",
      "fieldType": "string",
      "isEditable": boolean,
      "isOptional": boolean,
      "keyName": "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.

createdAt

A timestamp of when this blueprint was created.

Type: Timestamp

deploymentProperties

The deployment properties of this Amazon DataZone blueprint.

Type: [DeploymentProperties](#) object

description

The description of this Amazon DataZone blueprint.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

glossaryTerms

The glossary terms attached to this Amazon DataZone blueprint.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of this Amazon DataZone blueprint.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

name

The name of this Amazon DataZone blueprint.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

provider

The provider of this Amazon DataZone blueprint.

Type: String

provisioningProperties

The provisioning properties of this Amazon DataZone blueprint.

Type: [ProvisioningProperties](#) object

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

updatedAt

The timestamp of when this blueprint was updated.

Type: Timestamp

[userParameters](#)

The user parameters of this blueprint.

Type: Array of [CustomParameter](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetEnvironmentBlueprintConfiguration

Gets the blueprint configuration in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/environment-blueprint-
configurations/environmentBlueprintIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where this blueprint exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentBlueprintIdentifier

The ID of the blueprint.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": "string",
  "domainId": "string",
  "enabledRegions": [ "string" ],
```

```
"environmentBlueprintId": "string",
"manageAccessRoleArn": "string",
"provisioningRoleArn": "string",
"regionalParameters": {
  "string" : {
    "string" : "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.

createdAt

The timestamp of when this blueprint was created.

Type: Timestamp

domainId

The ID of the Amazon DataZone domain where this blueprint exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

enabledRegions

The AWS regions in which this blueprint is enabled.

Type: Array of strings

Array Members: Minimum number of 0 items.

Length Constraints: Minimum length of 4. Maximum length of 16.

Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$`

environmentBlueprintId

The ID of the blueprint.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[manageAccessRoleArn](#)

The ARN of the manage access role with which this blueprint is created.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

[provisioningRoleArn](#)

The ARN of the provisioning role with which this blueprint is created.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

[regionalParameters](#)

The regional parameters of the blueprint.

Type: String to string to string map map

Key Length Constraints: Minimum length of 4. Maximum length of 16.

Key Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$`

[updatedAt](#)

The timestamp of when this blueprint was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

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

GetEnvironmentProfile

Gets an environment profile in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/environment-profiles/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this environment profile exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the environment profile.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "awsAccountId": "string",
  "awsAccountRegion": "string",
  "createdAt": "string",
```

```
"createdBy": "string",
"description": "string",
"domainId": "string",
"environmentBlueprintId": "string",
"id": "string",
"name": "string",
"projectId": "string",
"updatedAt": "string",
"userParameters": [
  {
    "defaultValue": "string",
    "description": "string",
    "fieldType": "string",
    "isEditable": boolean,
    "isOptional": boolean,
    "keyName": "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.

awsAccountId

The ID of the AWS account where this environment profile exists.

Type: String

Pattern: $\^{\backslash}d\{12\}\$$

awsAccountRegion

The AWS region where this environment profile exists.

Type: String

Pattern: $\^[a-z]\{2\}-[a-z]\{4,10\}-\backslashd\$$

createdAt

The timestamp of when this environment profile was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created this environment profile.

Type: String

description

The description of the environment profile.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which this environment profile exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentBlueprintId

The ID of the blueprint with which this environment profile is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of the environment profile.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

name

The name of the environment profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

projectId

The ID of the Amazon DataZone project in which this environment profile is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when this environment profile was updated.

Type: Timestamp

userParameters

The user parameters of the environment profile.

Type: Array of [CustomParameter](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetFormType

Gets a metadata form type in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/form-types/formTypeIdentifier?revision=revision
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this metadata form type exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

formTypeIdentifier

The ID of the metadata form type.

Length Constraints: Minimum length of 1. Maximum length of 385.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

revision

The revision of this metadata form type.

Length Constraints: Minimum length of 1. Maximum length of 64.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "imports": [
    {
      "name": "string",
      "revision": "string"
    }
  ],
  "model": { ... },
  "name": "string",
  "originDomainId": "string",
  "originProjectId": "string",
  "owningProjectId": "string",
  "revision": "string",
  "status": "string"
}
```

Response Elements

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

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

createdAt

The timestamp of when this metadata form type was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created this metadata form type.

Type: String

description

The description of the metadata form type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which this metadata form type exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

imports

The imports of the metadata form type.

Type: Array of [Import](#) objects

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

model

The model of the metadata form type.

Type: [Model](#) object

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

name

The name of the metadata form type.

Type: String

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

Pattern: `^(amazon.datazone.)(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

originDomainId

The ID of the Amazon DataZone domain in which the metadata form type was originally created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

originProjectId

The ID of the project in which this metadata form type was originally created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

owningProjectId

The ID of the project that owns this metadata form type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

revision

The revision of the metadata form type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

status

The status of the metadata form type.

Type: String

Valid Values: ENABLED | DISABLED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

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

GetGlossary

Gets a business glossary in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/glossaries/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this business glossary exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the business glossary.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
```

```
"domainId": "string",
"id": "string",
"name": "string",
"owningProjectId": "string",
"status": "string",
"updatedAt": number,
"updatedBy": "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.

createdAt

The timestamp of when this business glossary was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created this business glossary.

Type: String

description

The description of the business glossary.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

domainId

The ID of the Amazon DataZone domain in which this business glossary exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The ID of the business glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

name

The name of the business glossary.

Type: String

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

owningProjectId

The ID of the project that owns this business glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status of the business glossary.

Type: String

Valid Values: DISABLED | ENABLED

updatedAt

The timestamp of when the business glossary was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the business glossary.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

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

GetGlossaryTerm

Gets a business glossary term in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/glossary-terms/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which this business glossary term exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the business glossary term.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "domainId": "string",
```

```
"glossaryId": "string",
"__id": "string",
"longDescription": "string",
"name": "string",
"shortDescription": "string",
"status": "string",
"termRelations": {
  "classifies": [ "string" ],
  "isA": [ "string" ]
},
"updatedAt": number,
"updatedBy": "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.

createdAt

The timestamp of when the business glossary term was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the business glossary.

Type: String

domainId

The ID of the Amazon DataZone domain in which this business glossary term exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

glossaryId

The ID of the business glossary to which this term belongs.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of the business glossary term.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

longDescription

The long description of the business glossary term.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

name

The name of the business glossary term.

Type: String

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

shortDescription

The short description of the business glossary term.

Type: String

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

status

The status of the business glossary term.

Type: String

Valid Values: ENABLED | DISABLED

termRelations

The relations of the business glossary term.

Type: [TermRelations](#) object

updatedAt

The timestamp of when the business glossary term was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the business glossary term.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetGroupProfile

Gets a group profile in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/group-profiles/groupIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which the group profile exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

groupIdentifier

The identifier of the group profile.

Pattern: `(^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$|[\p{L}\p{M}\p{S}\p{N}\p{P}\t\n\r]+)`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "domainId": "string",
```

```
"groupName": "string",  
"id": "string",  
"status": "string"  
}
```

Response Elements

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

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

domainId

The identifier of the Amazon DataZone domain in which the group profile exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

groupName

The name of the group for which the specified group profile exists.

Type: String

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

Pattern: `^[a-zA-Z_0-9+ =, .@-]+$`

id

The identifier of the group profile.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

status

The identifier of the group profile.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

GetIamPortalLoginUrl

Gets the data portal URL for the specified Amazon DataZone domain.

Request Syntax

```
POST /v2/domains/domainIdentifier/get-portal-login-url HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

the ID of the Amazon DataZone domain the data portal of which you want to get.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "authCodeUrl": "string",
  "userProfileId": "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.

authCodeUrl

The data portal URL of the specified Amazon DataZone domain.

Type: String

userProfileId

The ID of the user profile.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetListing

Gets a listing (a record of an asset at a given time).

Request Syntax

```
GET /v2/domains/domainIdentifier/listings/identifier?listingRevision=listingRevision
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the listing.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

listingRevision

The revision of the listing.

Length Constraints: Minimum length of 1. Maximum length of 64.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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

```
{
  "createdAt": number,
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "id": "string",
  "item": { ... },
  "listingRevision": "string",
  "name": "string",
  "status": "string",
  "updatedAt": number,
  "updatedBy": "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.

createdAt

The timestamp of when the listing was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the listing.

Type: String

description

The description of the listing.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The ID of the listing.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

item

The details of a listing.

Type: [ListingItem](#) object

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

listingRevision

The revision of a listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

name

The name of the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

status

The status of the listing.

Type: String

Valid Values: `CREATING | ACTIVE | INACTIVE`

updatedAt

The timestamp of when the listing was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the listing.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetMetadataGenerationRun

Gets a metadata generation run in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/metadata-generation-runs/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain the metadata generation run of which you want to get.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the metadata generation run.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
```



```
"domainId": "string",
"id": "string",
"owningProjectId": "string",
"status": "string",
"target": {
  "identifier": "string",
  "revision": "string",
  "type": "string"
},
"type": "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.

createdAt

The timestamp of when the metadata generation run was start.

Type: Timestamp

createdBy

The Amazon DataZone user who started the metadata generation run.

Type: String

domainId

The ID of the Amazon DataZone domain the metadata generation run of which you want to get.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The ID of the metadata generation run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

owningProjectId

The ID of the project that owns the assets for which you're running metadata generation.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status of the metadata generation run.

Type: String

Valid Values: SUBMITTED | IN_PROGRESS | CANCELED | SUCCEEDED | FAILED

target

The asset for which you're generating metadata.

Type: [MetadataGenerationRunTarget](#) object

type

The type of metadata generation run.

Type: String

Valid Values: BUSINESS_DESCRIPTIONS

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetProject

Gets a project in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/projects/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the project exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the project.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": "string",
  "createdBy": "string",
  "description": "string",
```

```
"domainId": "string",
"failureReasons": [
  {
    "code": "string",
    "message": "string"
  }
],
"glossaryTerms": [ "string" ],
"id": "string",
"lastUpdatedAt": "string",
"name": "string",
"projectStatus": "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.

createdAt

The timestamp of when the project was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the project.

Type: String

description

The description of the project.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The ID of the Amazon DataZone domain in which the project exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

failureReasons

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: Array of [ProjectDeletionError](#) objects

glossaryTerms

The business glossary terms that can be used in the project.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

>The ID of the project.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastUpdatedAt

The timestamp of when the project was last updated.

Type: Timestamp

name

The name of the project.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

projectStatus

The status of the project.

Type: String

Valid Values: ACTIVE | DELETING | DELETE_FAILED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

GetSubscription

Gets a subscription in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscriptions/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the subscription exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the subscription.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
```

```
"domainId": "string",
"id": "string",
"retainPermissions": boolean,
"status": "string",
"subscribedListing": {
  "description": "string",
  "id": "string",
  "item": { ... },
  "name": "string",
  "ownerProjectId": "string",
  "ownerProjectName": "string",
  "revision": "string"
},
"subscribedPrincipal": { ... },
"subscriptionRequestId": "string",
"updatedAt": number,
"updatedBy": "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.

createdAt

The timestamp of when the subscription was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription.

Type: String

domainId

The ID of the Amazon DataZone domain in which the subscription exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The ID of the subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

retainPermissions

The retain permissions of the subscription.

Type: Boolean

status

The status of the subscription.

Type: String

Valid Values: APPROVED | REVOKED | CANCELLED

subscribedListing

The details of the published asset for which the subscription grant is created.

Type: [SubscribedListing](#) object

subscribedPrincipal

The principal that owns the subscription.

Type: [SubscribedPrincipal](#) object

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

subscriptionRequestId

The ID of the subscription request.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when the subscription was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetSubscriptionGrant

Gets the subscription grant in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscription-grants/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the subscription grant exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the subscription grant.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "assets": [
    {
      "assetId": "string",
```

```
    "assetRevision": "string",
    "failureCause": {
      "message": "string"
    },
    "failureTimestamp": number,
    "grantedTimestamp": number,
    "status": "string",
    "targetName": "string"
  }
],
"createdAt": number,
"createdBy": "string",
"domainId": "string",
"grantedEntity": { ... },
"id": "string",
"status": "string",
"subscriptionId": "string",
"subscriptionTargetId": "string",
"updatedAt": number,
"updatedBy": "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.

assets

The assets for which the subscription grant is created.

Type: Array of [SubscribedAsset](#) objects

createdAt

The timestamp of when the subscription grant is created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription grant.

Type: String

domainId

The ID of the Amazon DataZone domain in which the subscription grant exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

grantedEntity

The entity to which the subscription is granted.

Type: [GrantedEntity](#) object

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

id

The ID of the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status of the subscription grant.

Type: String

Valid Values: PENDING | IN_PROGRESS | GRANT_FAILED | REVOKE_FAILED | GRANT_AND_REVOKE_FAILED | COMPLETED | INACCESSIBLE

subscriptionId

The identifier of the subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

subscriptionTargetId

The subscription target ID associated with the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when the subscription grant was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription grant.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetSubscriptionRequestDetails

Gets the details of the specified subscription request.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscription-requests/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which to get the subscription request details.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the subscription request the details of which to get.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "decisionComment": "string",
```

```
"domainId": "string",
"id": "string",
"requestReason": "string",
"reviewerId": "string",
"status": "string",
"subscribedListings": [
  {
    "description": "string",
    "id": "string",
    "item": { ... },
    "name": "string",
    "ownerProjectId": "string",
    "ownerProjectName": "string",
    "revision": "string"
  }
],
"subscribedPrincipals": [
  { ... }
],
"updatedAt": number,
"updatedBy": "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.

createdAt

The timestamp of when the specified subscription request was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription request.

Type: String

decisionComment

The decision comment of the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

domainId

The Amazon DataZone domain of the subscription request.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the subscription request.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

requestReason

The reason for the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

reviewerId

The identifier of the Amazon DataZone user who reviewed the subscription request.

Type: String

status

The status of the subscription request.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED

subscribedListings

The subscribed listings in the subscription request.

Type: Array of [SubscribedListing](#) objects

Array Members: Fixed number of 1 item.

subscribedPrincipals

The subscribed principals in the subscription request.

Type: Array of [SubscribedPrincipal](#) objects

Array Members: Fixed number of 1 item.

updatedAt

The timestamp of when the subscription request was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription request.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetSubscriptionTarget

Gets the subscription target in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/environments/environmentIdentifier/subscription-targets/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which the subscription target exists.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentIdentifier

The ID of the environment associated with the subscription target.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The ID of the subscription target.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "applicableAssetTypes": [ "string" ],
  "authorizedPrincipals": [ "string" ],
  "createdAt": number,
  "createdBy": "string",
  "domainId": "string",
  "environmentId": "string",
  "id": "string",
  "manageAccessRole": "string",
  "name": "string",
  "projectId": "string",
  "provider": "string",
  "subscriptionTargetConfig": [
    {
      "content": "string",
      "formName": "string"
    }
  ],
  "type": "string",
  "updatedAt": number,
  "updatedBy": "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.

applicableAssetTypes

The asset types associated with the subscription target.

Type: Array of strings

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

Pattern: `^[^\.]*`

authorizedPrincipals

The authorized principals of the subscription target.

Type: Array of strings

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

Pattern: `^[a-zA-Z0-9:/_]*$`

createdAt

The timestamp of when the subscription target was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription target.

Type: String

domainId

The ID of the Amazon DataZone domain in which the subscription target exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentId

The ID of the environment associated with the subscription target.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The ID of the subscription target.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

manageAccessRole

The manage access role with which the subscription target was created.

Type: String

name

The name of the subscription target.

Type: String

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

projectId

The ID of the project associated with the subscription target.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

provider

The provider of the subscription target.

Type: String

subscriptionTargetConfig

The configuration of the subscription target.

Type: Array of [SubscriptionTargetForm](#) objects

type

The type of the subscription target.

Type: String

updatedAt

The timestamp of when the subscription target was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription target.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

GetTimeSeriesDataPoint

Gets the existing data point for the asset.

Request Syntax

```
GET /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/time-series-data-points/identifier?formName=formName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain that houses the asset for which you want to get the data point.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityIdentifier

The ID of the asset for which you want to get the data point.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityType

The type of the asset for which you want to get the data point.

Valid Values: ASSET | LISTING

Required: Yes

formName

The name of the time series form that houses the data point that you want to get.

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

Required: Yes

identifier

The ID of the data point that you want to get.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "domainId": "string",
  "entityId": "string",
  "entityType": "string",
  "form": {
    "content": "string",
    "formName": "string",
    "id": "string",
    "timestamp": number,
    "typeIdentifier": "string",
    "typeRevision": "string"
  },
  "formName": "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.

domainId

The ID of the Amazon DataZone domain that houses the asset data point that you want to get.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

entityId

The ID of the asset for which you want to get the data point.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

entityType

The type of the asset for which you want to get the data point.

Type: String

Valid Values: ASSET | LISTING

form

The time series form that houses the data point that you want to get.

Type: [TimeSeriesDataPointFormOutput](#) object

formName

The name of the time series form that houses the data point that you want to get.

Type: String

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

GetUserProfile

Gets a user profile in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/user-profiles/userIdentifier?type=type HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

the ID of the Amazon DataZone domain the data portal of which you want to get.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

type

The type of the user profile.

Valid Values: IAM | SSO

userIdentifier

The identifier of the user for which you want to get the user profile.

Pattern: `(^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$|^([a-zA-Z_0-9+=, .@-]+|^arn:aws:iam::\d{12}:.+)$)`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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

```
{
  "details": { ... },
  "domainId": "string",
  "id": "string",
  "status": "string",
  "type": "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.

details

The details of the user profile in Amazon DataZone.

Type: [UserProfileDetails](#) object

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

domainId

the identifier of the Amazon DataZone domain of which you want to get the user profile.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the user profile.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

status

The status of the user profile.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED | ACTIVATED | DEACTIVATED

type

The type of the user profile.

Type: String

Valid Values: IAM | SSO

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListAssetRevisions

Lists the revisions for the asset.

Request Syntax

```
GET /v2/domains/domainIdentifier/assets/identifier/revisions?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the asset.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of revisions to return in a single call to `ListAssetRevisions`. When the number of revisions to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListAssetRevisions` to list the next set of revisions.

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

nextToken

When the number of revisions is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of revisions, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListAssetRevisions` to list the next set of revisions.

Length Constraints: Minimum length of 1. Maximum length of 8192.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": number,
      "createdBy": "string",
      "domainId": "string",
      "id": "string",
      "revision": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListAssetRevisions` action.

Type: Array of [AssetRevision](#) objects

nextToken

When the number of revisions is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of revisions, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListAssetRevisions` to list the next set of revisions.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListDataSourceRunActivities

Lists data source run activities.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-source-runs/identifier/activities?  
maxResults=maxResults&nextToken=nextToken&status=status HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which to list data source run activities.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the data source run.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of activities to return in a single call to `ListDataSourceRunActivities`. When the number of activities to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListDataSourceRunActivities` to list the next set of activities.

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

nextToken

When the number of activities is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of activities, the response includes a pagination token named `NextToken`. You can specify this `NextToken`

value in a subsequent call to `ListDataSourceRunActivities` to list the next set of activities.

Length Constraints: Minimum length of 1. Maximum length of 8192.

status

The status of the data source run.

Valid Values: FAILED | PUBLISHING_FAILED | SUCCEEDED_CREATED | SUCCEEDED_UPDATED | SKIPPED_ALREADY_IMPORTED | SKIPPED_ARCHIVED | SKIPPED_NO_ACCESS | UNCHANGED

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": "string",
      "dataAssetId": "string",
      "dataAssetStatus": "string",
      "database": "string",
      "dataSourceRunId": "string",
      "errorMessage": {
        "errorDetail": "string",
        "errorType": "string"
      },
      "projectId": "string",
      "technicalDescription": "string",
      "technicalName": "string",
      "updatedAt": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListDataSourceRunActivities` action.

Type: Array of [DataSourceRunActivity](#) objects

nextToken

When the number of activities is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of activities, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDataSourceRunActivities` to list the next set of activities.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

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

ListDataSourceRuns

Lists data source runs in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-sources/dataSourceIdentifier/runs?  
maxResults=maxResults&nextToken=nextToken&status=status HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

dataSourceIdentifier

The identifier of the data source.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

domainIdentifier

The identifier of the Amazon DataZone domain in which to invoke the `ListDataSourceRuns` action.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of runs to return in a single call to `ListDataSourceRuns`. When the number of runs to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListDataSourceRuns` to list the next set of runs.

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

nextToken

When the number of runs is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of runs, the response

includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDataSourceRuns` to list the next set of runs.

Length Constraints: Minimum length of 1. Maximum length of 8192.

status

The status of the data source.

Valid Values: `REQUESTED` | `RUNNING` | `FAILED` | `PARTIALLY_SUCCEEDED` | `SUCCESS`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": "string",
      "dataSourceId": "string",
      "errorMessage": {
        "errorDetail": "string",
        "errorType": "string"
      },
      "id": "string",
      "projectId": "string",
      "runStatisticsForAssets": {
        "added": number,
        "failed": number,
        "skipped": number,
        "unchanged": number,
        "updated": number
      },
      "startedAt": "string",
      "status": "string",
      "stoppedAt": "string",
      "type": "string",
      "updatedAt": "string"
    }
  ]
}
```



```
    }  
  ],  
  "nextToken": "string"  
}
```

Response Elements

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

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

items

The results of the `ListDataSourceRuns` action.

Type: Array of [DataSourceRunSummary](#) objects

nextToken

When the number of runs is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of runs, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDataSourceRuns` to list the next set of runs.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListDataSources

Lists data sources in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-sources?  
environmentIdentifier=environmentIdentifier&maxResults=maxResults&name=name&nextToken=nextToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which to list the data sources.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentIdentifier

The identifier of the environment in which to list the data sources.

maxResults

The maximum number of data sources to return in a single call to `ListDataSources`. When the number of data sources to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListDataSources` to list the next set of data sources.

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

name

The name of the data source.

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

nextToken

When the number of data sources is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of

data sources, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDataSources` to list the next set of data sources.

Length Constraints: Minimum length of 1. Maximum length of 8192.

projectIdentifier

The identifier of the project in which to list data sources.

Required: Yes

status

The status of the data source.

Valid Values: `CREATING` | `FAILED_CREATION` | `READY` | `UPDATING` | `FAILED_UPDATE` | `RUNNING` | `DELETING` | `FAILED_DELETION`

type

The type of the data source.

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

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": "string",
      "dataSourceId": "string",
      "domainId": "string",
      "enableSetting": "string",
      "environmentId": "string",
```

```
    "lastRunAssetCount": number,
    "lastRunAt": "string",
    "lastRunErrorMessage": {
      "errorDetail": "string",
      "errorType": "string"
    },
    "lastRunStatus": "string",
    "name": "string",
    "schedule": {
      "schedule": "string",
      "timezone": "string"
    },
    "status": "string",
    "type": "string",
    "updatedAt": "string"
  }
],
"nextToken": "string"
}
```

Response Elements

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

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

items

The results of the ListDataSources action.

Type: Array of [DataSourceSummary](#) objects

nextToken

When the number of data sources is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of data sources, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListDataSources to list the next set of data sources.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListDomains

Lists Amazon DataZone domains.

Request Syntax

```
GET /v2/domains?maxResults=maxResults&nextToken=nextToken&status=status HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of domains to return in a single call to `ListDomains`. When the number of domains to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListDomains` to list the next set of domains.

Valid Range: Minimum value of 1. Maximum value of 25.

nextToken

When the number of domains is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of domains, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDomains` to list the next set of domains.

Length Constraints: Minimum length of 1. Maximum length of 8192.

status

The status of the data source.

Valid Values: `CREATING` | `AVAILABLE` | `CREATION_FAILED` | `DELETING` | `DELETED` | `DELETION_FAILED`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "arn": "string",
      "createdAt": number,
      "description": "string",
      "id": "string",
      "lastUpdatedAt": number,
      "managedAccountId": "string",
      "name": "string",
      "portalUrl": "string",
      "status": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListDomains` action.

Type: Array of [DomainSummary](#) objects

nextToken

When the number of domains is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of domains, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDomains` to list the next set of domains.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListEnvironmentBlueprintConfigurations

Lists blueprint configurations for a Amazon DataZone environment.

Request Syntax

```
GET /v2/domains/domainIdentifier/environment-blueprint-configurations?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of blueprint configurations to return in a single call to `ListEnvironmentBlueprintConfigurations`. When the number of configurations to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListEnvironmentBlueprintConfigurations` to list the next set of configurations.

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

nextToken

When the number of blueprint configurations is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of configurations, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentBlueprintConfigurations` to list the next set of configurations.

Length Constraints: Minimum length of 1. Maximum length of 8192.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": "string",
      "domainId": "string",
      "enabledRegions": [ "string" ],
      "environmentBlueprintId": "string",
      "manageAccessRoleArn": "string",
      "provisioningRoleArn": "string",
      "regionalParameters": {
        "string" : {
          "string" : "string"
        }
      },
      "updatedAt": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListEnvironmentBlueprintConfigurations` action.

Type: Array of [EnvironmentBlueprintConfigurationItem](#) objects

nextToken

When the number of blueprint configurations is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of configurations, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentBlueprintConfigurations` to list the next set of configurations.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListEnvironmentBlueprints

Lists blueprints in an Amazon DataZone environment.

Request Syntax

```
GET /v2/domains/domainIdentifier/environment-blueprints?
managed=managed&maxResults=maxResults&name=name&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

managed

Specifies whether the environment blueprint is managed by Amazon DataZone.

maxResults

The maximum number of blueprints to return in a single call to `ListEnvironmentBlueprints`. When the number of blueprints to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListEnvironmentBlueprints` to list the next set of blueprints.

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

name

The name of the Amazon DataZone environment.

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

nextToken

When the number of blueprints in the environment is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of blueprints in the environment, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentBlueprints` to list the next set of blueprints.

Length Constraints: Minimum length of 1. Maximum length of 8192.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": "string",
      "description": "string",
      "id": "string",
      "name": "string",
      "provider": "string",
      "provisioningProperties": { ... },
      "updatedAt": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListEnvironmentBlueprints` action.

Type: Array of [EnvironmentBlueprintSummary](#) objects

nextToken

When the number of blueprints in the environment is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of blueprints in the environment, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentBlueprints` to list the next set of blueprints.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListEnvironmentProfiles

Lists Amazon DataZone environment profiles.

Request Syntax

```
GET /v2/domains/domainIdentifier/environment-profiles?  
awsAccountId=awsAccountId&awsAccountRegion=awsAccountRegion&environmentBlueprintIdentifier=envi  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

awsAccountId

The identifier of the AWS account where you want to list environment profiles.

Pattern: $^{\backslash}d\{12\}\$$

awsAccountRegion

The AWS region where you want to list environment profiles.

Pattern: $^{\backslash}[a-z]\{2\}-[a-z]\{4,10\}-\backslashd\$$

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: $^{\backslash}dzd[-_][a-zA-Z0-9_ -]\{1,36\}\$$

Required: Yes

environmentBlueprintIdentifier

The identifier of the blueprint that was used to create the environment profiles that you want to list.

Pattern: $^{\backslash}[a-zA-Z0-9_ -]\{1,36\}\$$

maxResults

The maximum number of environment profiles to return in a single call to

ListEnvironmentProfiles. When the number of environment profiles to be listed is greater

than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListEnvironmentProfiles` to list the next set of environment profiles.

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

name

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

nextToken

When the number of environment profiles is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of environment profiles, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentProfiles` to list the next set of environment profiles.

Length Constraints: Minimum length of 1. Maximum length of 8192.

projectIdentifier

The identifier of the Amazon DataZone project.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "awsAccountId": "string",
      "awsAccountRegion": "string",
```

```
    "createdAt": "string",
    "createdBy": "string",
    "description": "string",
    "domainId": "string",
    "environmentBlueprintId": "string",
    "id": "string",
    "name": "string",
    "projectId": "string",
    "updatedAt": "string"
  }
],
"nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListEnvironmentProfiles` action.

Type: Array of [EnvironmentProfileSummary](#) objects

nextToken

When the number of environment profiles is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of environment profiles, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentProfiles` to list the next set of environment profiles.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

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

ListEnvironments

Lists Amazon DataZone environments.

Request Syntax

```
GET /v2/domains/domainIdentifier/environments?  
awsAccountId=awsAccountId&awsAccountRegion=awsAccountRegion&environmentBlueprintIdentifier=envi  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

awsAccountId

The identifier of the AWS account where you want to list environments.

Pattern: `^\d{12}$`

awsAccountRegion

The AWS region where you want to list environments.

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentBlueprintIdentifier

The identifier of the Amazon DataZone blueprint.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

environmentProfileIdentifier

The identifier of the environment profile.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

maxResults

The maximum number of environments to return in a single call to `ListEnvironments`. When the number of environments to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListEnvironments` to list the next set of environments.

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

name

The name of the environment.

nextToken

When the number of environments is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of environments, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironments` to list the next set of environments.

Length Constraints: Minimum length of 1. Maximum length of 8192.

projectIdentifier

The identifier of the Amazon DataZone project.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

provider

The provider of the environment.

status

The status of the environments that you want to list.

Valid Values: ACTIVE | CREATING | UPDATING | DELETING | CREATE_FAILED | UPDATE_FAILED | DELETE_FAILED | VALIDATION_FAILED | SUSPENDED | DISABLED | EXPIRED | DELETED | INACCESSIBLE

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "awsAccountId": "string",
      "awsAccountRegion": "string",
      "createdAt": "string",
      "createdBy": "string",
      "description": "string",
      "domainId": "string",
      "environmentProfileId": "string",
      "id": "string",
      "name": "string",
      "projectId": "string",
      "provider": "string",
      "status": "string",
      "updatedAt": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListEnvironments` action.

Type: Array of [EnvironmentSummary](#) objects

nextToken

When the number of environments is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of environments, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironments` to list the next set of environments.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListMetadataGenerationRuns

Lists all metadata generation runs.

Request Syntax

```
GET /v2/domains/domainIdentifier/metadata-generation-runs?  
maxResults=maxResults&nextToken=nextToken&status=status&type=type HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where you want to list metadata generation runs.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of metadata generation runs to return in a single call to ListMetadataGenerationRuns. When the number of metadata generation runs to be listed is greater than the value of MaxResults, the response contains a NextToken value that you can use in a subsequent call to ListMetadataGenerationRuns to list the next set of revisions.

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

nextToken

When the number of metadata generation runs is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of metadata generation runs, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListMetadataGenerationRuns to list the next set of revisions.

Length Constraints: Minimum length of 1. Maximum length of 8192.

status

The status of the metadata generation runs.

Valid Values: SUBMITTED | IN_PROGRESS | CANCELED | SUCCEEDED | FAILED

type

The type of the metadata generation runs.

Valid Values: BUSINESS_DESCRIPTIONS

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": number,
      "createdBy": "string",
      "domainId": "string",
      "id": "string",
      "owningProjectId": "string",
      "status": "string",
      "target": {
        "identifier": "string",
        "revision": "string",
        "type": "string"
      },
      "type": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the ListMetadataGenerationRuns action.

Type: Array of [MetadataGenerationRunItem](#) objects

nextToken

When the number of metadata generation runs is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of metadata generation runs, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListMetadataGenerationRuns to list the next set of revisions.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListNotifications

Lists all Amazon DataZone notifications.

Request Syntax

```
GET /v2/domains/domainIdentifier/notifications?  
afterTimestamp=afterTimestamp&beforeTimestamp=beforeTimestamp&maxResults=maxResults&nextToken=nextToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[afterTimestamp](#)

The time after which you want to list notifications.

[beforeTimestamp](#)

The time before which you want to list notifications.

[domainIdentifier](#)

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

[maxResults](#)

The maximum number of notifications to return in a single call to `ListNotifications`. When the number of notifications to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListNotifications` to list the next set of notifications.

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

[nextToken](#)

When the number of notifications is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of

notifications, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListNotifications` to list the next set of notifications.

Length Constraints: Minimum length of 1. Maximum length of 8192.

subjects

The subjects of notifications.

taskStatus

The task status of notifications.

Valid Values: ACTIVE | INACTIVE

type

The type of notifications.

Valid Values: TASK | EVENT

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "nextToken": "string",
  "notifications": [
    {
      "actionLink": "string",
      "creationTimestamp": number,
      "domainIdentifier": "string",
      "identifier": "string",
      "lastUpdatedTimestamp": number,
```

```
    "message": "string",
    "metadata": {
      "string": "string"
    },
    "status": "string",
    "title": "string",
    "topic": {
      "resource": {
        "id": "string",
        "name": "string",
        "type": "string"
      },
      "role": "string",
      "subject": "string"
    },
    "type": "string"
  }
]
```

Response Elements

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

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

nextToken

When the number of notifications is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of notifications, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListNotifications` to list the next set of notifications.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

notifications

The results of the `ListNotifications` action.

Type: Array of [NotificationOutput](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)

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

ListProjectMemberships

Lists all members of the specified project.

Request Syntax

```
GET /v2/domains/domainIdentifier/projects/projectIdentifier/memberships?  
maxResults=maxResults&nextToken=nextToken&sortBy=sortBy&sortOrder=sortOrder HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which you want to list project memberships.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of memberships to return in a single call to `ListProjectMemberships`. When the number of memberships to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListProjectMemberships` to list the next set of memberships.

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

nextToken

When the number of memberships is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of memberships, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListProjectMemberships` to list the next set of memberships.

Length Constraints: Minimum length of 1. Maximum length of 8192.

projectIdentifier

The identifier of the project whose memberships you want to list.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

[sortBy](#)

The method by which you want to sort the project memberships.

Valid Values: NAME

[sortOrder](#)

The sort order of the project memberships.

Valid Values: ASCENDING | DESCENDING

Request Body

The request does not have a request body.

Response Syntax

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

{
  "members": [
    {
      "designation": "string",
      "memberDetails": { ... }
    }
  ],
  "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.

[members](#)

The members of the project.

Type: Array of [ProjectMember](#) objects

[nextToken](#)

When the number of memberships is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of memberships, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListProjectMemberships` to list the next set of memberships.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListProjects

Lists Amazon DataZone projects.

Request Syntax

```
GET /v2/domains/domainIdentifier/projects?  
groupIdIdentifier=groupIdIdentifier&maxResults=maxResults&name=name&nextToken=nextToken&userIdentif  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

groupIdIdentifier

The identifier of a group.

maxResults

The maximum number of projects to return in a single call to `ListProjects`. When the number of projects to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListProjects` to list the next set of projects.

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

name

The name of the project.

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

nextToken

When the number of projects is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of projects, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListProjects` to list the next set of projects.

Length Constraints: Minimum length of 1. Maximum length of 8192.

userIdentifier

The identifier of the Amazon DataZone user.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": "string",
      "createdBy": "string",
      "description": "string",
      "domainId": "string",
      "failureReasons": [
        {
          "code": "string",
          "message": "string"
        }
      ],
      "id": "string",
      "name": "string",
      "projectStatus": "string",
      "updatedAt": "string"
    }
  ],
  "nextToken": "string"
}
```

```
}
```

Response Elements

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

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

items

The results of the `ListProjects` action.

Type: Array of [ProjectSummary](#) objects

nextToken

When the number of projects is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of projects, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListProjects` to list the next set of projects.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListSubscriptionGrants

Lists subscription grants.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscription-grants?  
environmentId=environmentId&maxResults=maxResults&nextToken=nextToken&sortBy=sortBy&sortOrder=sortOrder  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentId

The identifier of the Amazon DataZone environment.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

maxResults

The maximum number of subscription grants to return in a single call to `ListSubscriptionGrants`. When the number of subscription grants to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListSubscriptionGrants` to list the next set of subscription grants.

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

nextToken

When the number of subscription grants is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of subscription grants, the response includes a pagination token named `NextToken`. You can

specify this `NextToken` value in a subsequent call to `ListSubscriptionGrants` to list the next set of subscription grants.

Length Constraints: Minimum length of 1. Maximum length of 8192.

sortBy

Specifies the way of sorting the results of this action.

Valid Values: `CREATED_AT` | `UPDATED_AT`

sortOrder

Specifies the sort order of this action.

Valid Values: `ASCENDING` | `DESCENDING`

subscribedListingId

The identifier of the subscribed listing.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

subscriptionId

The identifier of the subscription.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

subscriptionTargetId

The identifier of the subscription target.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "items": [
    {
      "assets": [
        {
          "assetId": "string",
          "assetRevision": "string",
          "failureCause": {
            "message": "string"
          },
          "failureTimestamp": number,
          "grantedTimestamp": number,
          "status": "string",
          "targetName": "string"
        }
      ],
      "createdAt": number,
      "createdBy": "string",
      "domainId": "string",
      "grantedEntity": { ... },
      "id": "string",
      "status": "string",
      "subscriptionId": "string",
      "subscriptionTargetId": "string",
      "updatedAt": number,
      "updatedBy": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListSubscriptionGrants` action.

Type: Array of [SubscriptionGrantSummary](#) objects

nextToken

When the number of subscription grants is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of subscription grants, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListSubscriptionGrants` to list the next set of subscription grants.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListSubscriptionRequests

Lists Amazon DataZone subscription requests.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscription-requests?
approverProjectId=approverProjectId&maxResults=maxResults&nextToken=nextToken&owningProjectId=owningProjectId
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

approverProjectId

The identifier of the subscription request approver's project.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of subscription requests to return in a single call to `ListSubscriptionRequests`. When the number of subscription requests to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListSubscriptionRequests` to list the next set of subscription requests.

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

nextToken

When the number of subscription requests is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the

number of subscription requests, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListSubscriptionRequests` to list the next set of subscription requests.

Length Constraints: Minimum length of 1. Maximum length of 8192.

owningProjectId

The identifier of the project for the subscription requests.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

sortBy

Specifies the way to sort the results of this action.

Valid Values: `CREATED_AT` | `UPDATED_AT`

sortOrder

Specifies the sort order for the results of this action.

Valid Values: `ASCENDING` | `DESCENDING`

status

Specifies the status of the subscription requests.

Valid Values: `PENDING` | `ACCEPTED` | `REJECTED`

subscribedListingId

The identifier of the subscribed listing.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "items": [
    {
      "createdAt": number,
      "createdBy": "string",
      "decisionComment": "string",
      "domainId": "string",
      "id": "string",
      "requestReason": "string",
      "reviewerId": "string",
      "status": "string",
      "subscribedListings": [
        {
          "description": "string",
          "id": "string",
          "item": { ... },
          "name": "string",
          "ownerProjectId": "string",
          "ownerProjectName": "string",
          "revision": "string"
        }
      ],
      "subscribedPrincipals": [
        { ... }
      ],
      "updatedAt": number,
      "updatedBy": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListSubscriptionRequests` action.

Type: Array of [SubscriptionRequestSummary](#) objects

nextToken

When the number of subscription requests is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of subscription requests, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListSubscriptionRequests` to list the next set of subscription requests.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListSubscriptions

Lists subscriptions in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscriptions?  
approverProjectId=approverProjectId&maxResults=maxResults&nextToken=nextToken&owningProjectId=owningProjectId  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

approverProjectId

The identifier of the project for the subscription's approver.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of subscriptions to return in a single call to `ListSubscriptions`. When the number of subscriptions to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListSubscriptions` to list the next set of Subscriptions.

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

nextToken

When the number of subscriptions is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of subscriptions, the response includes a pagination token named `NextToken`. You can specify

this NextToken value in a subsequent call to ListSubscriptions to list the next set of subscriptions.

Length Constraints: Minimum length of 1. Maximum length of 8192.

owningProjectId

The identifier of the owning project.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

sortBy

Specifies the way in which the results of this action are to be sorted.

Valid Values: CREATED_AT | UPDATED_AT

sortOrder

Specifies the sort order for the results of this action.

Valid Values: ASCENDING | DESCENDING

status

The status of the subscriptions that you want to list.

Valid Values: APPROVED | REVOKED | CANCELLED

subscribedListingId

The identifier of the subscribed listing for the subscriptions that you want to list.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

subscriptionRequestIdentifier

The identifier of the subscription request for the subscriptions that you want to list.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "createdAt": number,
      "createdBy": "string",
      "domainId": "string",
      "id": "string",
      "retainPermissions": boolean,
      "status": "string",
      "subscribedListing": {
        "description": "string",
        "id": "string",
        "item": { ... },
        "name": "string",
        "ownerProjectId": "string",
        "ownerProjectName": "string",
        "revision": "string"
      },
      "subscribedPrincipal": { ... },
      "subscriptionRequestId": "string",
      "updatedAt": number,
      "updatedBy": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListSubscriptions` action.

Type: Array of [SubscriptionSummary](#) objects

nextToken

When the number of subscriptions is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of subscriptions, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListSubscriptions` to list the next set of subscriptions.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListSubscriptionTargets

Lists subscription targets in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/environments/environmentIdentifier/subscription-  
targets?maxResults=maxResults&nextToken=nextToken&sortBy=sortBy&sortOrder=sortOrder  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain where you want to list subscription targets.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentIdentifier

The identifier of the environment where you want to list subscription targets.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

maxResults

The maximum number of subscription targets to return in a single call to `ListSubscriptionTargets`. When the number of subscription targets to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListSubscriptionTargets` to list the next set of subscription targets.

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

nextToken

When the number of subscription targets is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of subscription targets, the response includes a pagination token named `NextToken`. You can

specify this NextToken value in a subsequent call to ListSubscriptionTargets to list the next set of subscription targets.

Length Constraints: Minimum length of 1. Maximum length of 8192.

[sortBy](#)

Specifies the way in which the results of this action are to be sorted.

Valid Values: CREATED_AT | UPDATED_AT

[sortOrder](#)

Specifies the sort order for the results of this action.

Valid Values: ASCENDING | DESCENDING

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
      "applicableAssetTypes": [ "string" ],
      "authorizedPrincipals": [ "string" ],
      "createdAt": number,
      "createdBy": "string",
      "domainId": "string",
      "environmentId": "string",
      "id": "string",
      "manageAccessRole": "string",
      "name": "string",
      "projectId": "string",
      "provider": "string",
      "subscriptionTargetConfig": [
        {
          "content": "string",
```



```
        "formName": "string"
      }
    ],
    "type": "string",
    "updatedAt": number,
    "updatedBy": "string"
  }
],
"nextToken": "string"
}
```

Response Elements

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

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

items

The results of the `ListSubscriptionTargets` action.

Type: Array of [SubscriptionTargetSummary](#) objects

nextToken

When the number of subscription targets is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of subscription targets, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListSubscriptionTargets` to list the next set of subscription targets.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

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

ListTagsForResource

Lists tags for the specified resource in Amazon DataZone.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The ARN of the resource whose tags you want to list.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

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

Response Elements

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

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

tags

The tags of the specified resource.

Type: String to string map

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

Key Pattern: `^[\\w \\ . :/=+@-]+$`

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

Value Pattern: `^[\\w \\ . :/=+@-]*$`

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

ListTimeSeriesDataPoints

Lists time series data points.

Request Syntax

```
GET /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/time-series-data-points?
endedAt=endedAt&formName=formName&maxResults=maxResults&nextToken=nextToken&startedAt=startedAt
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain that houses the assets for which you want to list time series data points.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

endedAt

The timestamp at which the data points that you wanted to list ended.

entityIdentifier

The ID of the asset for which you want to list data points.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityType

The type of the asset for which you want to list data points.

Valid Values: ASSET | LISTING

Required: Yes

formName

The name of the time series data points form.

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

Required: Yes

maxResults

The maximum number of data points to return in a single call to `ListTimeSeriesDataPoints`. When the number of data points to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `ListTimeSeriesDataPoints` to list the next set of data points.

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

nextToken

When the number of data points is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of data points, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListTimeSeriesDataPoints` to list the next set of data points.

Length Constraints: Minimum length of 1. Maximum length of 8192.

startedAt

The timestamp at which the data points that you want to list started.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "items": [
    {
```



```
    "contentSummary": "string",
    "formName": "string",
    "id": "string",
    "timestamp": number,
    "typeIdentifier": "string",
    "typeRevision": "string"
  }
],
"nextToken": "string"
}
```

Response Elements

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

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

items

The results of the ListTimeSeriesDataPoints action.

Type: Array of [TimeSeriesDataPointSummaryFormOutput](#) objects

nextToken

When the number of data points is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of data points, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListTimeSeriesDataPoints to list the next set of data points.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

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

PostTimeSeriesDataPoints

Posts time series data points to Amazon DataZone for the specified asset.

Request Syntax

```
POST /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/time-series-  
data-points HTTP/1.1  
Content-type: application/json
```

```
{  
  "clientToken": "string",  
  "forms": [  
    {  
      "content": "string",  
      "formName": "string",  
      "timestamp": number,  
      "typeIdentifier": "string",  
      "typeRevision": "string"  
    }  
  ]  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which you want to post time series data points.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityIdentifier

The ID of the asset for which you want to post time series data points.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

entityType

The type of the asset for which you want to post data points.

Valid Values: ASSET | LISTING

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: `^[\x21-\x7E]+$`

Required: No

forms

The forms that contain the data points that you want to post.

Type: Array of [TimeSeriesDataPointFormInput](#) objects

Required: Yes

Response Syntax

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

{
  "domainId": "string",
  "entityId": "string",
  "entityType": "string",
  "forms": [
```

```
{
  "content": "string",
  "formName": "string",
  "id": "string",
  "timestamp": number,
  "typeIdentifier": "string",
  "typeRevision": "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.

domainId

The ID of the Amazon DataZone domain in which you want to post time series data points.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

entityId

The ID of the asset for which you want to post time series data points.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

entityType

The type of the asset for which you want to post data points.

Type: String

Valid Values: ASSET | LISTING

forms

The forms that contain the data points that you have posted.

Type: Array of [TimeSeriesDataPointFormOutput](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

PutEnvironmentBlueprintConfiguration

Writes the configuration for the specified environment blueprint in Amazon DataZone.

Request Syntax

```
PUT /v2/domains/domainIdentifier/environment-blueprint-
configurations/environmentBlueprintIdentifier HTTP/1.1
Content-type: application/json
```

```
{
  "enabledRegions": [ "string" ],
  "manageAccessRoleArn": "string",
  "provisioningRoleArn": "string",
  "regionalParameters": {
    "string" : {
      "string" : "string"
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentBlueprintIdentifier

The identifier of the environment blueprint.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

enabledRegions

Specifies the enabled AWS Regions.

Type: Array of strings

Array Members: Minimum number of 0 items.

Length Constraints: Minimum length of 4. Maximum length of 16.

Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$`

Required: Yes

manageAccessRoleArn

The ARN of the manage access role.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

Required: No

provisioningRoleArn

The ARN of the provisioning role.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

Required: No

regionalParameters

The regional parameters in the environment blueprint.

Type: String to string to string map map

Key Length Constraints: Minimum length of 4. Maximum length of 16.

Key Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$\`

Required: No

Response Syntax

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

{
  "createdAt": "string",
  "domainId": "string",
  "enabledRegions": [ "string" ],
  "environmentBlueprintId": "string",
  "manageAccessRoleArn": "string",
  "provisioningRoleArn": "string",
  "regionalParameters": {
    "string" : {
      "string" : "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.

createdAt

The timestamp of when the environment blueprint was created.

Type: Timestamp

domainId

The identifier of the Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$\`

enabledRegions

Specifies the enabled AWS Regions.

Type: Array of strings

Array Members: Minimum number of 0 items.

Length Constraints: Minimum length of 4. Maximum length of 16.

Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$`

environmentBlueprintId

The identifier of the environment blueprint.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

manageAccessRoleArn

The ARN of the manage access role.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

provisioningRoleArn

The ARN of the provisioning role.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

regionalParameters

The regional parameters in the environment blueprint.

Type: String to string to string map map

Key Length Constraints: Minimum length of 4. Maximum length of 16.

Key Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$`

updatedAt

The timestamp of when the environment blueprint was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

RejectPredictions

Rejects automatically generated business-friendly metadata for your Amazon DataZone assets.

Request Syntax

```
PUT /v2/domains/domainIdentifier/assets/identifier/reject-predictions?revision=revision
HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "rejectChoices": [
    {
      "predictionChoices": [ number ],
      "predictionTarget": "string"
    }
  ],
  "rejectRule": {
    "rule": "string",
    "threshold": number
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the prediction.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

revision

The revision that is to be made to the asset.

Length Constraints: Minimum length of 1. Maximum length of 64.

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: `^[\x21-\x7E]+$`

Required: No

rejectChoices

Specifies the prediction (aka, the automatically generated piece of metadata) and the target (for example, a column name) that can be rejected.

Type: Array of [RejectChoice](#) objects

Required: No

rejectRule

Specifies the rule (or the conditions) under which a prediction can be rejected.

Type: [RejectRule](#) object

Required: No

Response Syntax

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



```
{
  "assetId": "string",
  "assetRevision": "string",
  "domainId": "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.

assetId

The ID of the asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

assetRevision

The revision that is to be made to the asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

domainId

The ID of the Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)

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

RejectSubscriptionRequest

Rejects the specified subscription request.

Request Syntax

```
PUT /v2/domains/domainIdentifier/subscription-requests/identifier/reject HTTP/1.1
Content-type: application/json
```

```
{
  "decisionComment": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which the subscription request was rejected.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the subscription request that was rejected.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

decisionComment

The decision comment of the rejected subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "decisionComment": "string",
  "domainId": "string",
  "id": "string",
  "requestReason": "string",
  "reviewerId": "string",
  "status": "string",
  "subscribedListings": [
    {
      "description": "string",
      "id": "string",
      "item": { ... },
      "name": "string",
      "ownerProjectId": "string",
      "ownerProjectName": "string",
      "revision": "string"
    }
  ],
  "subscribedPrincipals": [
    { ... }
  ],
  "updatedAt": number,
  "updatedBy": "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.

createdAt

The timestamp of when the subscription request was rejected.

Type: Timestamp

createdBy

The timestamp of when the subscription request was rejected.

Type: String

decisionComment

The decision comment of the rejected subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

domainId

The identifier of the Amazon DataZone domain in which the subscription request was rejected.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the subscription request that was rejected.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

requestReason

The reason for the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

reviewerId

The identifier of the subscription request reviewer.

Type: String

status

The status of the subscription request.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED

subscribedListings

The subscribed listings of the subscription request.

Type: Array of [SubscribedListing](#) objects

Array Members: Fixed number of 1 item.

subscribedPrincipals

The subscribed principals of the subscription request.

Type: Array of [SubscribedPrincipal](#) objects

Array Members: Fixed number of 1 item.

updatedAt

The timestamp of when the subscription request was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription request.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)

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

RevokeSubscription

Revokes a specified subscription in Amazon DataZone.

Request Syntax

```
PUT /v2/domains/domainIdentifier/subscriptions/identifier/revoke HTTP/1.1
Content-type: application/json

{
  "retainPermissions": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain where you want to revoke a subscription.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the revoked subscription.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

retainPermissions

Specifies whether permissions are retained when the subscription is revoked.

Type: Boolean

Required: No

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "domainId": "string",
  "id": "string",
  "retainPermissions": boolean,
  "status": "string",
  "subscribedListing": {
    "description": "string",
    "id": "string",
    "item": { ... },
    "name": "string",
    "ownerProjectId": "string",
    "ownerProjectName": "string",
    "revision": "string"
  },
  "subscribedPrincipal": { ... },
  "subscriptionRequestId": "string",
  "updatedAt": number,
  "updatedBy": "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.

createdAt

The timestamp of when the subscription was revoked.

Type: Timestamp

createdBy

The identifier of the user who revoked the subscription.

Type: String

domainId

The identifier of the Amazon DataZone domain where you want to revoke a subscription.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the revoked subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

retainPermissions

Specifies whether permissions are retained when the subscription is revoked.

Type: Boolean

status

The status of the revoked subscription.

Type: String

Valid Values: APPROVED | REVOKED | CANCELLED

subscribedListing

The subscribed listing of the revoked subscription.

Type: [SubscribedListing](#) object

subscribedPrincipal

The subscribed principal of the revoked subscription.

Type: [SubscribedPrincipal](#) object

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

subscriptionRequestId

The identifier of the subscription request for the revoked subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when the subscription was revoked.

Type: Timestamp

updatedBy

The Amazon DataZone user who revoked the subscription.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

Search

Searches for assets in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/search HTTP/1.1
Content-type: application/json
```

```
{
  "additionalAttributes": [ "string" ],
  "filters": { ... },
  "maxResults": number,
  "nextToken": "string",
  "owningProjectIdentifier": "string",
  "searchIn": [
    {
      "attribute": "string"
    }
  ],
  "searchScope": "string",
  "searchText": "string",
  "sort": {
    "attribute": "string",
    "order": "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

additionalAttributes

Specifies additional attributes for the Search action.

Type: Array of strings

Valid Values: FORMS | TIME_SERIES_DATA_POINT_FORMS

Required: No

filters

Specifies the search filters.

Type: [FilterClause](#) object

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

Required: No

maxResults

The maximum number of results to return in a single call to Search. When the number of results to be listed is greater than the value of MaxResults, the response contains a NextToken value that you can use in a subsequent call to Search to list the next set of results.

Type: Integer

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

Required: No

nextToken

When the number of results is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of results, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to Search to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Required: No

[owningProjectIdentifier](#)

The identifier of the owning project specified for the search.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

[searchIn](#)

The details of the search.

Type: Array of [SearchInItem](#) objects

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

Required: No

[searchScope](#)

The scope of the search.

Type: String

Valid Values: ASSET | GLOSSARY | GLOSSARY_TERM

Required: Yes

[searchText](#)

Specifies the text for which to search.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

[sort](#)

Specifies the way in which the search results are to be sorted.

Type: [SearchSort](#) object

Required: No

Response Syntax

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

{
  "items": [
    { ... }
  ],
  "nextToken": "string",
  "totalMatchCount": number
}
```

Response Elements

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

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

[items](#)

The results of the Search action.

Type: Array of [SearchInventoryResultItem](#) objects

[nextToken](#)

When the number of results is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of results, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to Search to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

[totalMatchCount](#)

Total number of search results.

Type: Integer

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)

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

SearchGroupProfiles

Searches group profiles in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/search-group-profiles HTTP/1.1
Content-type: application/json
```

```
{
  "groupType": "string",
  "maxResults": number,
  "nextToken": "string",
  "searchText": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which you want to search group profiles.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

groupType

The group type for which to search.

Type: String

Valid Values: SSO_GROUP | DATAZONE_SSO_GROUP

Required: Yes

maxResults

The maximum number of results to return in a single call to `SearchGroupProfiles`. When the number of results to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `SearchGroupProfiles` to list the next set of results.

Type: Integer

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

Required: No

nextToken

When the number of results is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of results, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `SearchGroupProfiles` to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Required: No

searchText

Specifies the text for which to search.

Type: String

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

Required: No

Response Syntax

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

{
  "items": [
```

```
{
  "domainId": "string",
  "groupName": "string",
  "id": "string",
  "status": "string"
},
"nextToken": "string"
}
```

Response Elements

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

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

items

The results of the SearchGroupProfiles action.

Type: Array of [GroupProfileSummary](#) objects

nextToken

When the number of results is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of results, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to SearchGroupProfiles to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

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

SearchListings

Searches listings (records of an asset at a given time) in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/listings/search HTTP/1.1
Content-type: application/json
```

```
{
  "additionalAttributes": [ "string" ],
  "filters": { ... },
  "maxResults": number,
  "nextToken": "string",
  "searchIn": [
    {
      "attribute": "string"
    }
  ],
  "searchText": "string",
  "sort": {
    "attribute": "string",
    "order": "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the domain in which to search listings.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

additionalAttributes

Specifies additional attributes for the search.

Type: Array of strings

Valid Values: FORMS | TIME_SERIES_DATA_POINT_FORMS

Required: No

filters

Specifies the filters for the search of listings.

Type: [FilterClause](#) object

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

Required: No

maxResults

The maximum number of results to return in a single call to `SearchListings`. When the number of results to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `SearchListings` to list the next set of results.

Type: Integer

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

Required: No

nextToken

When the number of results is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of results, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `SearchListings` to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Required: No

[searchIn](#)

The details of the search.

Type: Array of [SearchInItem](#) objects

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

Required: No

[searchText](#)

Specifies the text for which to search.

Type: String

Required: No

[sort](#)

Specifies the way for sorting the search results.

Type: [SearchSort](#) object

Required: No

Response Syntax

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

{
  "items": [
    { ... }
  ],
  "nextToken": "string",
  "totalMatchCount": number
}
```

Response Elements

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

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

items

The results of the `SearchListings` action.

Type: Array of [SearchResultItem](#) objects

nextToken

When the number of results is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of results, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `SearchListings` to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

totalMatchCount

Total number of search results.

Type: Integer

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

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

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

SearchTypes

Searches for types in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/types-search HTTP/1.1
Content-type: application/json
```

```
{
  "filters": { ... },
  "managed": boolean,
  "maxResults": number,
  "nextToken": "string",
  "searchIn": [
    {
      "attribute": "string"
    }
  ],
  "searchScope": "string",
  "searchText": "string",
  "sort": {
    "attribute": "string",
    "order": "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which to invoke the SearchTypes action.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

filters

The filters for the SearchTypes action.

Type: [FilterClause](#) object

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

Required: No

managed

Specifies whether the search is managed.

Type: Boolean

Required: Yes

maxResults

The maximum number of results to return in a single call to SearchTypes. When the number of results to be listed is greater than the value of MaxResults, the response contains a NextToken value that you can use in a subsequent call to SearchTypes to list the next set of results.

Type: Integer

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

Required: No

nextToken

When the number of results is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of results, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to SearchTypes to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Required: No

searchIn

The details of the search.

Type: Array of [SearchInItem](#) objects

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

Required: No

searchScope

Specifies the scope of the search for types.

Type: String

Valid Values: ASSET_TYPE | FORM_TYPE

Required: Yes

searchText

Specifies the text for which to search.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

sort

The specifies the way to sort the SearchTypes results.

Type: [SearchSort](#) object

Required: No

Response Syntax

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

{
```

```
"items": [  
  { ... }  
],  
"nextToken": "string",  
"totalMatchCount": number  
}
```

Response Elements

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

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

items

The results of the SearchTypes action.

Type: Array of [SearchTypesResultItem](#) objects

nextToken

When the number of results is greater than the default value for the MaxResults parameter, or if you explicitly specify a value for MaxResults that is less than the number of results, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to SearchTypes to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

totalMatchCount

Total number of search results.

Type: Integer

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

SearchUserProfiles

Searches user profiles in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/search-user-profiles HTTP/1.1
Content-type: application/json
```

```
{
  "maxResults": number,
  "nextToken": "string",
  "searchText": "string",
  "userType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which you want to search user profiles.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

maxResults

The maximum number of results to return in a single call to `SearchUserProfiles`. When the number of results to be listed is greater than the value of `MaxResults`, the response contains a `NextToken` value that you can use in a subsequent call to `SearchUserProfiles` to list the next set of results.

Type: Integer

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

Required: No

nextToken

When the number of results is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of results, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `SearchUserProfiles` to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Required: No

searchText

Specifies the text for which to search.

Type: String

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

Required: No

userType

Specifies the user type for the `SearchUserProfiles` action.

Type: String

Valid Values: `SSO_USER` | `DATAZONE_USER` | `DATAZONE_SSO_USER` | `DATAZONE_IAM_USER`

Required: Yes

Response Syntax

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

{
```

```
"items": [  
  {  
    "details": { ... },  
    "domainId": "string",  
    "id": "string",  
    "status": "string",  
    "type": "string"  
  }  
],  
"nextToken": "string"  
}
```

Response Elements

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

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

items

The results of the `SearchUserProfiles` action.

Type: Array of [UserProfileSummary](#) objects

nextToken

When the number of results is greater than the default value for the `MaxResults` parameter, or if you explicitly specify a value for `MaxResults` that is less than the number of results, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `SearchUserProfiles` to list the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

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

StartDataSourceRun

Start the run of the specified data source in Amazon DataZone.

Request Syntax

```
POST /v2/domains/domainIdentifier/data-sources/dataSourceIdentifier/runs HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

dataSourceIdentifier

The identifier of the data source.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

domainIdentifier

The identifier of the Amazon DataZone domain in which to start a data source run.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

Required: No

Response Syntax

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

{
  "createdAt": "string",
  "dataSourceConfigurationSnapshot": "string",
  "dataSourceId": "string",
  "domainId": "string",
  "errorMessage": {
    "errorDetail": "string",
    "errorType": "string"
  },
  "id": "string",
  "projectId": "string",
  "runStatisticsForAssets": {
    "added": number,
    "failed": number,
    "skipped": number,
    "unchanged": number,
    "updated": number
  },
  "startedAt": "string",
  "status": "string",
  "stoppedAt": "string",
  "type": "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.

createdAt

The timestamp of when data source run was created.

Type: Timestamp

dataSourceConfigurationSnapshot

The configuration snapshot of the data source that is being run.

Type: String

dataSourceId

The identifier of the data source.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

domainId

The identifier of the Amazon DataZone domain in which to start a data source run.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

errorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

id

The identifier of the data source run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

projectId

The identifier of the project.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

runStatisticsForAssets

Specifies run statistics for assets.

Type: [RunStatisticsForAssets](#) object

startedAt

The timestamp of when the data source run was started.

Type: Timestamp

status

The status of the data source run.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

stoppedAt

The timestamp of when the data source run was stopped.

Type: Timestamp

type

The type of the data source run.

Type: String

Valid Values: PRIORITIZED | SCHEDULED

updatedAt

The timestamp of when the data source run was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

StartMetadataGenerationRun

Starts the metadata generation run.

Request Syntax

```
POST /v2/domains/domainIdentifier/metadata-generation-runs HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "owningProjectIdentifier": "string",
  "target": {
    "identifier": "string",
    "revision": "string",
    "type": "string"
  },
  "type": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where you want to start a metadata generation run.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier to ensure idempotency of the request. This field is automatically populated if not provided.

Type: String

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

Pattern: `^\[\x21-\x7E\]+`

Required: No

owningProjectIdentifier

The ID of the project that owns the asset for which you want to start a metadata generation run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}`

Required: Yes

target

The asset for which you want to start a metadata generation run.

Type: [MetadataGenerationRunTarget](#) object

Required: Yes

type

The type of the metadata generation run.

Type: String

Valid Values: BUSINESS_DESCRIPTIONS

Required: Yes

Response Syntax

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

{
  "createdAt": number,
```



```
"createdBy": "string",
"domainId": "string",
"id": "string",
"owningProjectId": "string",
"status": "string",
"type": "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.

createdAt

The timestamp at which the metadata generation run was started.

Type: Timestamp

createdBy

The ID of the user who started the metadata generation run.

Type: String

domainId

The ID of the Amazon DataZone domain in which the metadata generation run was started.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The ID of the metadata generation run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

owningProjectId

The ID of the project that owns the asset for which the metadata generation run was started.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status of the metadata generation run.

Type: String

Valid Values: SUBMITTED | IN_PROGRESS | CANCELED | SUCCEEDED | FAILED

type

The type of the metadata generation run.

Type: String

Valid Values: BUSINESS_DESCRIPTIONS

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

TagResource

Tags a resource in Amazon DataZone.

Request Syntax

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

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The ARN of the resource to be tagged in Amazon DataZone.

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

Specifies the tags for the TagResource action.

Type: String to string map

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

Key Pattern: `^[\\w \\.: /+=@-]+$`

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

Value Pattern: `^[\\w \\ . : / = + @ -] * $`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UntagResource

Untags a resource in Amazon DataZone.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

[resourceArn](#)

The ARN of the resource to be untagged in Amazon DataZone.

Required: Yes

[tagKeys](#)

Specifies the tag keys for the UntagResource action.

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

Pattern: `^[\w \. : / = + @ -] + $`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

See Also

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

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

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

UpdateDataSource

Updates the specified data source in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/data-sources/identifier HTTP/1.1  
Content-type: application/json
```

```
{  
  "assetFormsInput": [  
    {  
      "content": "string",  
      "formName": "string",  
      "typeIdentifier": "string",  
      "typeRevision": "string"  
    }  
  ],  
  "configuration": { ... },  
  "description": "string",  
  "enableSetting": "string",  
  "name": "string",  
  "publishOnImport": boolean,  
  "recommendation": {  
    "enableBusinessNameGeneration": boolean  
  },  
  "schedule": {  
    "schedule": "string",  
    "timezone": "string"  
  }  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the domain in which to update a data source.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the data source to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

assetFormsInput

The asset forms to be updated as part of the `UpdateDataSource` action.

Type: Array of [FormInput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

configuration

The configuration to be updated as part of the `UpdateDataSource` action.

Type: [DataSourceConfigurationInput](#) object

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

Required: No

description

The description to be updated as part of the `UpdateDataSource` action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

enableSetting

The enable setting to be updated as part of the `UpdateDataSource` action.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

name

The name to be updated as part of the UpdateDataSource action.

Type: String

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

Required: No

publishOnImport

The publish on import setting to be updated as part of the UpdateDataSource action.

Type: Boolean

Required: No

recommendation

The recommendation to be updated as part of the UpdateDataSource action.

Type: [RecommendationConfiguration](#) object

Required: No

schedule

The schedule to be updated as part of the UpdateDataSource action.

Type: [ScheduleConfiguration](#) object

Required: No

Response Syntax

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

{
  "assetFormsOutput": [
    {
```

```

        "content": "string",
        "formName": "string",
        "typeName": "string",
        "typeRevision": "string"
    }
],
"configuration": { ... },
"createdAt": "string",
"description": "string",
"domainId": "string",
"enableSetting": "string",
"environmentId": "string",
"errorMessage": {
    "errorDetail": "string",
    "errorType": "string"
},
"id": "string",
"lastRunAt": "string",
"lastRunErrorMessage": {
    "errorDetail": "string",
    "errorType": "string"
},
"lastRunStatus": "string",
"name": "string",
"projectId": "string",
"publishOnImport": boolean,
"recommendation": {
    "enableBusinessNameGeneration": boolean
},
"schedule": {
    "schedule": "string",
    "timezone": "string"
},
"status": "string",
"type": "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.

assetFormsOutput

The asset forms to be updated as part of the UpdateDataSource action.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

configuration

The configuration to be updated as part of the UpdateDataSource action.

Type: [DataSourceConfigurationOutput](#) object

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

createdAt

The timestamp of when the data source was updated.

Type: Timestamp

description

The description to be updated as part of the UpdateDataSource action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The identifier of the Amazon DataZone domain in which a data source is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

enableSetting

The enable setting to be updated as part of the UpdateDataSource action.

Type: String

Valid Values: ENABLED | DISABLED

environmentId

The identifier of the environment in which a data source is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

errorMessage

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

id

The identifier of the data source to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastRunAt

The timestamp of when the data source was last run.

Type: Timestamp

lastRunErrorMessage

The last run error message of the data source.

Type: [DataSourceErrorMessage](#) object

lastRunStatus

The last run status of the data source.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

name

The name to be updated as part of the UpdateDataSource action.

Type: String

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

projectId

The identifier of the project where data source is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

publishOnImport

The publish on import setting to be updated as part of the UpdateDataSource action.

Type: Boolean

recommendation

The recommendation to be updated as part of the UpdateDataSource action.

Type: [RecommendationConfiguration](#) object

schedule

The schedule to be updated as part of the UpdateDataSource action.

Type: [ScheduleConfiguration](#) object

status

The status to be updated as part of the UpdateDataSource action.

Type: String

Valid Values: CREATING | FAILED_CREATION | READY | UPDATING | FAILED_UPDATE
| RUNNING | DELETING | FAILED_DELETION

type

The type to be updated as part of the UpdateDataSource action.

Type: String

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

updatedAt

The timestamp of when the data source was updated.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateDomain

Updates a Amazon DataZone domain.

Request Syntax

```
PUT /v2/domains/identifier?clientToken=clientToken HTTP/1.1
Content-type: application/json
```

```
{
  "description": "string",
  "domainExecutionRole": "string",
  "name": "string",
  "singleSignOn": {
    "type": "string",
    "userAssignment": "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

identifier

The ID of the AWS domain that is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description to be updated as part of the UpdateDomain action.

Type: String

Required: No

domainExecutionRole

The domain execution role to be updated as part of the UpdateDomain action.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

Required: No

name

The name to be updated as part of the UpdateDomain action.

Type: String

Required: No

singleSignIn

The single sign-on option to be updated as part of the UpdateDomain action.

Type: [SingleSignIn](#) object

Required: No

Response Syntax

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

{
  "description": "string",
  "domainExecutionRole": "string",
  "id": "string",
  "lastUpdatedAt": number,
  "name": "string",
  "singleSignIn": {
    "type": "string",
    "userAssignment": "string"
  }
}
```

```
}  
}
```

Response Elements

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

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

description

The description to be updated as part of the UpdateDomain action.

Type: String

domainExecutionRole

The domain execution role to be updated as part of the UpdateDomain action.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

id

The identifier of the Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

lastUpdatedAt

Specifies the timestamp of when the domain was last updated.

Type: Timestamp

name

The name to be updated as part of the UpdateDomain action.

Type: String

singleSignOn

The single sign-on option of the Amazon DataZone domain.

Type: [SingleSignIn](#) object

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateEnvironment

Updates the specified environment in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/environments/identifier HTTP/1.1  
Content-type: application/json
```

```
{  
  "description": "string",  
  "glossaryTerms": [ "string" ],  
  "name": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the domain in which the environment is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the environment that is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description to be updated as part of the UpdateEnvironment action.

Type: String

Required: No

glossaryTerms

The glossary terms to be updated as part of the UpdateEnvironment action.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

name

The name to be updated as part of the UpdateEnvironment action.

Type: String

Required: No

Response Syntax

```
HTTP/1.1 200
```

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

```
{
  "awsAccountId": "string",
  "awsAccountRegion": "string",
  "createdAt": "string",
  "createdBy": "string",
  "deploymentProperties": {
    "endTimeoutMinutes": number,
    "startTimeoutMinutes": number
  },
  "description": "string",
  "domainId": "string",
  "environmentActions": [
    {
      "auth": "string",
      "parameters": [
        {
```

```
        "key": "string",
        "value": "string"
      }
    ],
    "type": "string"
  }
],
"environmentBlueprintId": "string",
"environmentProfileId": "string",
"glossaryTerms": [ "string" ],
"id": "string",
"lastDeployment": {
  "deploymentId": "string",
  "deploymentStatus": "string",
  "deploymentType": "string",
  "failureReason": {
    "code": "string",
    "message": "string"
  },
  "isDeploymentComplete": boolean,
  "messages": [ "string" ]
},
"name": "string",
"projectId": "string",
"provider": "string",
"provisionedResources": [
  {
    "name": "string",
    "provider": "string",
    "type": "string",
    "value": "string"
  }
],
"provisioningProperties": { ... },
"status": "string",
"updatedAt": "string",
"userParameters": [
  {
    "defaultValue": "string",
    "description": "string",
    "fieldType": "string",
    "isEditable": boolean,
    "isOptional": boolean,
    "keyName": "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.

[awsAccountId](#)

The identifier of the AWS account in which the environment is to be updated.

Type: String

Pattern: `^\d{12}$`

[awsAccountRegion](#)

The AWS Region in which the environment is updated.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

[createdAt](#)

The timestamp of when the environment was created.

Type: Timestamp

[createdBy](#)

The Amazon DataZone user who created the environment.

Type: String

[deploymentProperties](#)

The deployment properties to be updated as part of the UpdateEnvironment action.

Type: [DeploymentProperties](#) object

[description](#)

The description to be updated as part of the UpdateEnvironment action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The identifier of the domain in which the environment is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentActions

The environment actions to be updated as part of the UpdateEnvironment action.

Type: Array of [ConfigurableEnvironmentAction](#) objects

environmentBlueprintId

The blueprint identifier of the environment.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

environmentProfileId

The profile identifier of the environment.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

glossaryTerms

The glossary terms to be updated as part of the UpdateEnvironment action.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The identifier of the environment that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

lastDeployment

The last deployment of the environment.

Type: [Deployment](#) object

name

The name to be updated as part of the UpdateEnvironment action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

projectId

The project identifier of the environment.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

provider

The provider identifier of the environment.

Type: String

provisionedResources

The provisioned resources to be updated as part of the UpdateEnvironment action.

Type: Array of [Resource](#) objects

provisioningProperties

The provisioning properties to be updated as part of the UpdateEnvironment action.

Type: [ProvisioningProperties](#) object

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

status

The status to be updated as part of the UpdateEnvironment action.

Type: String

Valid Values: ACTIVE | CREATING | UPDATING | DELETING | CREATE_FAILED | UPDATE_FAILED | DELETE_FAILED | VALIDATION_FAILED | SUSPENDED | DISABLED | EXPIRED | DELETED | INACCESSIBLE

updatedAt

The timestamp of when the environment was updated.

Type: Timestamp

userParameters

The user parameters to be updated as part of the UpdateEnvironment action.

Type: Array of [CustomParameter](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateEnvironmentProfile

Updates the specified environment profile in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/environment-profiles/identifier HTTP/1.1  
Content-type: application/json
```

```
{  
  "awsAccountId": "string",  
  "awsAccountRegion": "string",  
  "description": "string",  
  "name": "string",  
  "userParameters": [  
    {  
      "name": "string",  
      "value": "string"  
    }  
  ]  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which an environment profile is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the environment profile that is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

awsAccountId

The AWS account in which a specified environment profile is to be updated.

Type: String

Pattern: `^\d{12}$`

Required: No

awsAccountRegion

The AWS Region in which a specified environment profile is to be updated.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

Required: No

description

The description to be updated as part of the `UpdateEnvironmentProfile` action.

Type: String

Required: No

name

The name to be updated as part of the `UpdateEnvironmentProfile` action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: No

userParameters

The user parameters to be updated as part of the `UpdateEnvironmentProfile` action.

Type: Array of [EnvironmentParameter](#) objects

Required: No

Response Syntax

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

{
  "awsAccountId": "string",
  "awsAccountRegion": "string",
  "createdAt": "string",
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "environmentBlueprintId": "string",
  "id": "string",
  "name": "string",
  "projectId": "string",
  "updatedAt": "string",
  "userParameters": [
    {
      "defaultValue": "string",
      "description": "string",
      "fieldType": "string",
      "isEditable": boolean,
      "isOptional": boolean,
      "keyName": "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.

[awsAccountId](#)

The AWS account in which a specified environment profile is to be updated.

Type: String

Pattern: `^\d{12}$`

awsAccountRegion

The AWS Region in which a specified environment profile is to be updated.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

createdAt

The timestamp of when the environment profile was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the environment profile.

Type: String

description

The description to be updated as part of the UpdateEnvironmentProfile action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The identifier of the Amazon DataZone domain in which the environment profile is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentBlueprintId

The identifier of the blueprint of the environment profile that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The identifier of the environment profile that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

name

The name to be updated as part of the `UpdateEnvironmentProfile` action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

projectId

The identifier of the project of the environment profile that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when the environment profile was updated.

Type: Timestamp

userParameters

The user parameters to be updated as part of the `UpdateEnvironmentProfile` action.

Type: Array of [CustomParameter](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateGlossary

Updates the business glossary in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/glossaries/identifier HTTP/1.1  
Content-type: application/json
```

```
{  
  "clientToken": "string",  
  "description": "string",  
  "name": "string",  
  "status": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a business glossary is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the business glossary to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that is provided to ensure the idempotency of the request.

Type: String

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

Pattern: ^[\x21-\x7E]+\$

Required: No

description

The description to be updated as part of the UpdateGlossary action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

name

The name to be updated as part of the UpdateGlossary action.

Type: String

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

Required: No

status

The status to be updated as part of the UpdateGlossary action.

Type: String

Valid Values: DISABLED | ENABLED

Required: No

Response Syntax

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



```
{
  "description": "string",
  "domainId": "string",
  "id": "string",
  "name": "string",
  "owningProjectId": "string",
  "status": "string"
}
```

Response Elements

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

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

description

The description to be updated as part of the UpdateGlossary action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

domainId

The identifier of the Amazon DataZone domain in which a business glossary is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the business glossary that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

name

The name to be updated as part of the UpdateGlossary action.

Type: String

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

owningProjectId

The identifier of the project in which to update a business glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status to be updated as part of the UpdateGlossary action.

Type: String

Valid Values: DISABLED | ENABLED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateGlossaryTerm

Updates a business glossary term in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/glossary-terms/identifier HTTP/1.1  
Content-type: application/json
```

```
{  
  "glossaryIdentifier": "string",  
  "longDescription": "string",  
  "name": "string",  
  "shortDescription": "string",  
  "status": "string",  
  "termRelations": {  
    "classifies": [ "string" ],  
    "isA": [ "string" ]  
  }  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a business glossary term is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the business glossary term that is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

glossaryIdentifier

The identifier of the business glossary in which a term is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

longDescription

The long description to be updated as part of the UpdateGlossaryTerm action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

name

The name to be updated as part of the UpdateGlossaryTerm action.

Type: String

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

Required: No

shortDescription

The short description to be updated as part of the UpdateGlossaryTerm action.

Type: String

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

Required: No

status

The status to be updated as part of the UpdateGlossaryTerm action.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

termRelations

The term relations to be updated as part of the UpdateGlossaryTerm action.

Type: [TermRelations](#) object

Required: No

Response Syntax

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

{
  "domainId": "string",
  "glossaryId": "string",
  "id": "string",
  "longDescription": "string",
  "name": "string",
  "shortDescription": "string",
  "status": "string",
  "termRelations": {
    "classifies": [ "string" ],
    "isA": [ "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.

domainId

The identifier of the Amazon DataZone domain in which a business glossary term is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

glossaryId

The identifier of the business glossary in which a term is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

The identifier of the business glossary term that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

longDescription

The long description to be updated as part of the UpdateGlossaryTerm action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

name

The name to be updated as part of the UpdateGlossaryTerm action.

Type: String

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

shortDescription

The short description to be updated as part of the UpdateGlossaryTerm action.

Type: String

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

status

The status to be updated as part of the UpdateGlossaryTerm action.

Type: String

Valid Values: ENABLED | DISABLED

termRelations

The term relations to be updated as part of the UpdateGlossaryTerm action.

Type: [TermRelations](#) object

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerError

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateGroupProfile

Updates the specified group profile in Amazon DataZone.

Request Syntax

```
PUT /v2/domains/domainIdentifier/group-profiles/groupIdentifier HTTP/1.1
Content-type: application/json
```

```
{
  "status": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a group profile is updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

groupIdentifier

The identifier of the group profile that is updated.

Pattern: `(^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$|[\p{L}\p{M}\p{S}\p{N}\p{P}\t\n\r]+)`

Required: Yes

Request Body

The request accepts the following data in JSON format.

status

The status of the group profile that is updated.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED

Required: Yes

Response Syntax

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

{
  "domainId": "string",
  "groupName": "string",
  "id": "string",
  "status": "string"
}
```

Response Elements

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

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

domainId

The identifier of the Amazon DataZone domain in which a group profile is updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

groupName

The name of the group profile that is updated.

Type: String

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

Pattern: `^[a-zA-Z_0-9+ = , . @ -]+$`

id

The identifier of the group profile that is updated.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

status

The status of the group profile that is updated.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateProject

Updates the specified project in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/projects/identifier HTTP/1.1
Content-type: application/json
```

```
{
  "description": "string",
  "glossaryTerms": [ "string" ],
  "name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a project is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the project that is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description to be updated as part of the UpdateProject action.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

glossaryTerms

The glossary terms to be updated as part of the UpdateProject action.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

name

The name to be updated as part of the UpdateProject action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: No

Response Syntax

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

```
{
  "createdAt": "string",
  "createdBy": "string",
  "description": "string",
  "domainId": "string",
  "failureReasons": [
    {
      "code": "string",
      "message": "string"
    }
  ]
}
```

```
    }  
  ],  
  "glossaryTerms": [ "string" ],  
  "id": "string",  
  "lastUpdatedAt": "string",  
  "name": "string",  
  "projectStatus": "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.

createdAt

The timestamp of when the project was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the project.

Type: String

description

The description of the project that is to be updated.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

domainId

The identifier of the Amazon DataZone domain in which a project is updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

failureReasons

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: Array of [ProjectDeletionError](#) objects

[glossaryTerms](#)

The glossary terms of the project that are to be updated.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[id](#)

The identifier of the project that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

[lastUpdatedAt](#)

The timestamp of when the project was last updated.

Type: Timestamp

[name](#)

The name of the project that is to be updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

[projectStatus](#)

The status of the project.

Type: String

Valid Values: ACTIVE | DELETING | DELETE_FAILED

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request has exceeded the specified service quota.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateSubscriptionGrantStatus

Updates the status of the specified subscription grant status in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/subscription-grants/identifier/
status/assetIdentifier HTTP/1.1
Content-type: application/json

{
  "failureCause": {
    "message": "string"
  },
  "status": "string",
  "targetName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assetIdentifier

The identifier of the asset the subscription grant status of which is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

domainIdentifier

The identifier of the Amazon DataZone domain in which a subscription grant status is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the subscription grant the status of which is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

failureCause

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: [FailureCause](#) object

Required: No

status

The status to be updated as part of the UpdateSubscriptionGrantStatus action.

Type: String

Valid Values: GRANT_PENDING | REVOKE_PENDING | GRANT_IN_PROGRESS | REVOKE_IN_PROGRESS | GRANTED | REVOKED | GRANT_FAILED | REVOKE_FAILED

Required: Yes

targetName

The target name to be updated as part of the UpdateSubscriptionGrantStatus action.

Type: String

Required: No

Response Syntax

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

{
  "assets": [
    {
```

```
    "assetId": "string",
    "assetRevision": "string",
    "failureCause": {
      "message": "string"
    },
    "failureTimestamp": number,
    "grantedTimestamp": number,
    "status": "string",
    "targetName": "string"
  }
],
"createdAt": number,
"createdBy": "string",
"domainId": "string",
"grantedEntity": { ... },
"id": "string",
"status": "string",
"subscriptionId": "string",
"subscriptionTargetId": "string",
"updatedAt": number,
"updatedBy": "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.

assets

The details of the asset for which the subscription grant is created.

Type: Array of [SubscribedAsset](#) objects

createdAt

The timestamp of when the subscription grant status was created.

Type: Timestamp

createdBy

The Amazon DataZone domain user who created the subscription grant status.

Type: String

domainId

The identifier of the Amazon DataZone domain in which a subscription grant status is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

grantedEntity

The granted entity to be updated as part of the UpdateSubscriptionGrantStatus action.

Type: [GrantedEntity](#) object

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

id

The identifier of the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

status

The status to be updated as part of the UpdateSubscriptionGrantStatus action.

Type: String

Valid Values: PENDING | IN_PROGRESS | GRANT_FAILED | REVOKE_FAILED | GRANT_AND_REVOKE_FAILED | COMPLETED | INACCESSIBLE

subscriptionId

The identifier of the subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

subscriptionTargetId

The identifier of the subscription target whose subscription grant status is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

updatedAt

The timestamp of when the subscription grant status is to be updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription grant status.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

UpdateSubscriptionRequest

Updates a specified subscription request in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/subscription-requests/identifier HTTP/1.1  
Content-type: application/json
```

```
{  
  "requestReason": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a subscription request is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the subscription request that is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

requestReason

The reason for the UpdateSubscriptionRequest action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

Response Syntax

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

{
  "createdAt": number,
  "createdBy": "string",
  "decisionComment": "string",
  "domainId": "string",
  "id": "string",
  "requestReason": "string",
  "reviewerId": "string",
  "status": "string",
  "subscribedListings": [
    {
      "description": "string",
      "id": "string",
      "item": { ... },
      "name": "string",
      "ownerProjectId": "string",
      "ownerProjectName": "string",
      "revision": "string"
    }
  ],
  "subscribedPrincipals": [
    { ... }
  ],
  "updatedAt": number,
  "updatedBy": "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.

createdAt

The timestamp of when the subscription request was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription request.

Type: String

decisionComment

The decision comment of the UpdateSubscriptionRequest action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

domainId

The identifier of the Amazon DataZone domain in which a subscription request is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the subscription request that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

requestReason

The reason for the UpdateSubscriptionRequest action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

reviewerId

The identifier of the Amazon DataZone user who reviews the subscription request.

Type: String

status

The status of the subscription request.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED

subscribedListings

The subscribed listings of the subscription request.

Type: Array of [SubscribedListing](#) objects

Array Members: Fixed number of 1 item.

subscribedPrincipals

The subscribed principals of the subscription request.

Type: Array of [SubscribedPrincipal](#) objects

Array Members: Fixed number of 1 item.

updatedAt

The timestamp of when the subscription request was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription request.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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](#)
- [AWS SDK for .NET](#)

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

UpdateSubscriptionTarget

Updates the specified subscription target in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/environments/environmentIdentifier/subscription-
targets/identifier HTTP/1.1
Content-type: application/json

{
  "applicableAssetTypes": [ "string" ],
  "authorizedPrincipals": [ "string" ],
  "manageAccessRole": "string",
  "name": "string",
  "provider": "string",
  "subscriptionTargetConfig": [
    {
      "content": "string",
      "formName": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a subscription target is to be updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentIdentifier

The identifier of the environment in which a subscription target is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

Identifier of the subscription target that is to be updated.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

applicableAssetTypes

The applicable asset types to be updated as part of the `UpdateSubscriptionTarget` action.

Type: Array of strings

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

Pattern: `^[^\.]*`

Required: No

authorizedPrincipals

The authorized principals to be updated as part of the `UpdateSubscriptionTarget` action.

Type: Array of strings

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

Pattern: `^[a-zA-Z0-9:/_-]*$`

Required: No

manageAccessRole

The manage access role to be updated as part of the `UpdateSubscriptionTarget` action.

Type: String

Required: No

name

The name to be updated as part of the UpdateSubscriptionTarget action.

Type: String

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

Required: No

provider

The provider to be updated as part of the UpdateSubscriptionTarget action.

Type: String

Required: No

subscriptionTargetConfig

The configuration to be updated as part of the UpdateSubscriptionTarget action.

Type: Array of [SubscriptionTargetForm](#) objects

Required: No

Response Syntax

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

```
{
  "applicableAssetTypes": [ "string" ],
  "authorizedPrincipals": [ "string" ],
  "createdAt": number,
  "createdBy": "string",
  "domainId": "string",
  "environmentId": "string",
  "id": "string",
  "manageAccessRole": "string",
  "name": "string",
  "projectId": "string",
  "provider": "string",
  "subscriptionTargetConfig": [
```

```
{
  {
    "content": "string",
    "formName": "string"
  }
],
"type": "string",
"updatedAt": number,
"updatedBy": "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.

applicableAssetTypes

The applicable asset types to be updated as part of the UpdateSubscriptionTarget action.

Type: Array of strings

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

Pattern: `^[^\.]*`

authorizedPrincipals

The authorized principals to be updated as part of the UpdateSubscriptionTarget action.

Type: Array of strings

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

Pattern: `^[a-zA-Z0-9:/_]*$`

createdAt

The timestamp of when a subscription target was created.

Type: Timestamp

createdBy

The Amazon DataZone user who created the subscription target.

Type: String

domainId

The identifier of the Amazon DataZone domain in which a subscription target is to be updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

environmentId

The identifier of the environment in which a subscription target is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

id

Identifier of the subscription target that is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

manageAccessRole

The manage access role to be updated as part of the UpdateSubscriptionTarget action.

Type: String

name

The name to be updated as part of the UpdateSubscriptionTarget action.

Type: String

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

projectId

The identifier of the project in which a subscription target is to be updated.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

provider

The provider to be updated as part of the UpdateSubscriptionTarget action.

Type: String

subscriptionTargetConfig

The configuration to be updated as part of the UpdateSubscriptionTarget action.

Type: Array of [SubscriptionTargetForm](#) objects

type

The type to be updated as part of the UpdateSubscriptionTarget action.

Type: String

updatedAt

The timestamp of when the subscription target was updated.

Type: Timestamp

updatedBy

The Amazon DataZone user who updated the subscription target.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

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

UpdateUserProfile

Updates the specified user profile in Amazon DataZone.

Request Syntax

```
PUT /v2/domains/domainIdentifier/user-profiles/userIdentifier HTTP/1.1
Content-type: application/json
```

```
{
  "status": "string",
  "type": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which a user profile is updated.

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

userIdentifier

The identifier of the user whose user profile is to be updated.

Pattern: `(^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$|^([a-zA-Z_0-9+ =, .@-]+)|^arn:aws:iam::\d{12}:.+)$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

status

The status of the user profile that are to be updated.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED | ACTIVATED | DEACTIVATED

Required: Yes

type

The type of the user profile that are to be updated.

Type: String

Valid Values: IAM | SSO

Required: No

Response Syntax

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

```
{
  "details": { ... },
  "domainId": "string",
  "id": "string",
  "status": "string",
  "type": "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.

details

The details of the user profile in Amazon DataZone.

Type: [UserProfileDetails](#) object

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

domainId

The identifier of the Amazon DataZone domain in which a user profile is updated.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

id

The identifier of the user profile.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

status

The status of the user profile.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED | ACTIVATED | DEACTIVATED

type

The type of the user profile.

Type: String

Valid Values: IAM | SSO

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

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

HTTP Status Code: 500

ResourceNotFoundException

The specified resource cannot be found.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

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

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

Data Types

The Amazon DataZone 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:

- [AcceptChoice](#)
- [AcceptRule](#)
- [AssetItem](#)
- [AssetItemAdditionalAttributes](#)
- [AssetListing](#)
- [AssetListingDetails](#)
- [AssetListingItem](#)
- [AssetListingItemAdditionalAttributes](#)
- [AssetRevision](#)
- [AssetTargetNameMap](#)
- [AssetTypeItem](#)
- [BusinessNameGenerationConfiguration](#)
- [CloudFormationProperties](#)
- [ConfigurableActionParameter](#)
- [ConfigurableEnvironmentAction](#)
- [CustomParameter](#)
- [DataProductItem](#)
- [DataProductSummary](#)
- [DataSourceConfigurationInput](#)
- [DataSourceConfigurationOutput](#)

- [DataSourceErrorMessage](#)
- [DataSourceRunActivity](#)
- [DataSourceRunSummary](#)
- [DataSourceSummary](#)
- [Deployment](#)
- [DeploymentProperties](#)
- [DetailedGlossaryTerm](#)
- [DomainSummary](#)
- [EnvironmentBlueprintConfigurationItem](#)
- [EnvironmentBlueprintSummary](#)
- [EnvironmentError](#)
- [EnvironmentParameter](#)
- [EnvironmentProfileSummary](#)
- [EnvironmentSummary](#)
- [FailureCause](#)
- [Filter](#)
- [FilterClause](#)
- [FilterExpression](#)
- [FormEntryInput](#)
- [FormEntryOutput](#)
- [FormInput](#)
- [FormOutput](#)
- [FormTypeData](#)
- [GlossaryItem](#)
- [GlossaryTermItem](#)
- [GlueRunConfigurationInput](#)
- [GlueRunConfigurationOutput](#)
- [GrantedEntity](#)
- [GrantedEntityInput](#)
- [GroupDetails](#)

- [GroupProfileSummary](#)
- [IamUserProfileDetails](#)
- [Import](#)
- [ListingItem](#)
- [ListingRevision](#)
- [ListingRevisionInput](#)
- [Member](#)
- [MemberDetails](#)
- [MetadataGenerationRunItem](#)
- [MetadataGenerationRunTarget](#)
- [Model](#)
- [NotificationOutput](#)
- [NotificationResource](#)
- [PredictionConfiguration](#)
- [ProjectDeletionError](#)
- [ProjectMember](#)
- [ProjectSummary](#)
- [ProvisioningProperties](#)
- [RecommendationConfiguration](#)
- [RedshiftClusterStorage](#)
- [RedshiftCredentialConfiguration](#)
- [RedshiftRunConfigurationInput](#)
- [RedshiftRunConfigurationOutput](#)
- [RedshiftServerlessStorage](#)
- [RedshiftStorage](#)
- [RejectChoice](#)
- [RejectRule](#)
- [RelationalFilterConfiguration](#)
- [Resource](#)
- [RunStatisticsForAssets](#)

- [ScheduleConfiguration](#)
- [SearchInItem](#)
- [SearchInventoryResultItem](#)
- [SearchResultItem](#)
- [SearchSort](#)
- [SearchTypesResultItem](#)
- [SingleSignOn](#)
- [SsoUserProfileDetails](#)
- [SubscribedAsset](#)
- [SubscribedAssetListing](#)
- [SubscribedListing](#)
- [SubscribedListingInput](#)
- [SubscribedListingItem](#)
- [SubscribedPrincipal](#)
- [SubscribedPrincipalInput](#)
- [SubscribedProject](#)
- [SubscribedProjectInput](#)
- [SubscriptionGrantSummary](#)
- [SubscriptionRequestSummary](#)
- [SubscriptionSummary](#)
- [SubscriptionTargetForm](#)
- [SubscriptionTargetSummary](#)
- [TermRelations](#)
- [TimeSeriesDataPointFormInput](#)
- [TimeSeriesDataPointFormOutput](#)
- [TimeSeriesDataPointSummaryFormOutput](#)
- [Topic](#)
- [UserDetails](#)
- [UserProfileDetails](#)
- [UserProfileSummary](#)

AcceptChoice

Specifies the prediction (aka, the automatically generated piece of metadata) and the target (for example, a column name) that can be accepted.

Contents

predictionTarget

Specifies the target (for example, a column name) where a prediction can be accepted.

Type: String

Required: Yes

editedValue

The edit of the prediction.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 5000.

Required: No

predictionChoice

Specifies the prediction (aka, the automatically generated piece of metadata) that can be accepted.

Type: Integer

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](#)

AcceptRule

Specifies the rule and the threshold under which a prediction can be accepted.

Contents

rule

Specifies whether you want to accept the top prediction for all targets or none.

Type: String

Valid Values: ALL | NONE

Required: No

threshold

The confidence score that specifies the condition at which a prediction can be accepted.

Type: Float

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](#)

AssetItem

A Amazon DataZone inventory asset.

Contents

domainId

The identifier of the Amazon DataZone domain in which the inventory asset exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

the identifier of the Amazon DataZone inventory asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the Amazon DataZone inventory asset.

Type: String

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

Required: Yes

owningProjectId

The identifier of the Amazon DataZone project that owns the inventory asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

typeIdentifier

The identifier of the asset type of the specified Amazon DataZone inventory asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 513.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

typeRevision

The revision of the inventory asset type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

additionalAttributes

The additional attributes of a Amazon DataZone inventory asset.

Type: [AssetItemAdditionalAttributes](#) object

Required: No

createdAt

The timestamp of when the Amazon DataZone inventory asset was created.

Type: Timestamp

Required: No

createdBy

The Amazon DataZone user who created the inventory asset.

Type: String

Required: No

description

The description of an Amazon DataZone inventory asset.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

externalIdentifier

The external identifier of the Amazon DataZone inventory asset.

Type: String

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

Required: No

firstRevisionCreatedAt

The timestamp of when the first revision of the inventory asset was created.

Type: Timestamp

Required: No

firstRevisionCreatedBy

The Amazon DataZone user who created the first revision of the inventory asset.

Type: String

Required: No

glossaryTerms

The glossary terms attached to the Amazon DataZone inventory asset.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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](#)

AssetItemAdditionalAttributes

The additional attributes of an inventory asset.

Contents

formsOutput

The forms included in the additional attributes of an inventory asset.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

latestTimeSeriesDataPointFormsOutput

The latest time series data points forms included in the additional attributes of an asset.

Type: Array of [TimeSeriesDataPointSummaryFormOutput](#) objects

Required: No

readOnlyFormsOutput

The read-only forms included in the additional attributes of an inventory asset.

Type: Array of [FormOutput](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

See Also

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

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

AssetListing

An asset published in an Amazon DataZone catalog.

Contents

assetId

The identifier of an asset published in an Amazon DataZone catalog.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

assetRevision

The revision of an asset published in an Amazon DataZone catalog.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

assetType

The type of an asset published in an Amazon DataZone catalog.

Type: String

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

Pattern: `^[^\.\]*`

Required: No

createdAt

The timestamp of when an asset published in an Amazon DataZone catalog was created.

Type: Timestamp

Required: No

forms

The metadata forms attached to an asset published in an Amazon DataZone catalog.

Type: String

Required: No

glossaryTerms

The glossary terms attached to an asset published in an Amazon DataZone catalog.

Type: Array of [DetailedGlossaryTerm](#) objects

Required: No

latestTimeSeriesDataPointForms

The latest time series data points forms included in the additional attributes of an asset.

Type: Array of [TimeSeriesDataPointSummaryFormOutput](#) objects

Required: No

owningProjectId

The identifier of the project where an asset published in an Amazon DataZone catalog exists.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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](#)

AssetListingDetails

The details of an asset published in an Amazon DataZone catalog.

Contents

listingId

The identifier of an asset published in an Amazon DataZone catalog.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

listingStatus

The status of an asset published in an Amazon DataZone catalog.

Type: String

Valid Values: `CREATING | ACTIVE | INACTIVE`

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](#)

AssetListingItem

The details of an asset published in an Amazon DataZone catalog.

Contents

additionalAttributes

The additional attributes of an asset published in an Amazon DataZone catalog.

Type: [AssetListingItemAdditionalAttributes](#) object

Required: No

createdAt

The timestamp of when an asset published in an Amazon DataZone catalog was created.

Type: Timestamp

Required: No

description

The description of an asset published in an Amazon DataZone catalog.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

entityId

The identifier of the inventory asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

entityRevision

The revision of the inventory asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

entityType

The type of the inventory asset.

Type: String

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

Pattern: `^[^\.]*`

Required: No

glossaryTerms

Glossary terms attached to the inventory asset.

Type: Array of [DetailedGlossaryTerm](#) objects

Required: No

listingCreatedBy

The Amazon DataZone user who created the listing.

Type: String

Required: No

listingId

The identifier of the listing (asset published in Amazon DataZone catalog).

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

listingRevision

The revision of the listing (asset published in Amazon DataZone catalog).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

listingUpdatedBy

The Amazon DataZone user who updated the listing.

Type: String

Required: No

name

The name of the inventory asset.

Type: String

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

Required: No

owningProjectId

The identifier of the project that owns the inventory asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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](#)

AssetListingItemAdditionalAttributes

Additional attributes of an inventory asset.

Contents

forms

The metadata forms that form additional attributes of the metadata asset.

Type: String

Required: No

latestTimeSeriesDataPointForms

The latest time series data points forms included in the additional attributes of an asset.

Type: Array of [TimeSeriesDataPointSummaryFormOutput](#) objects

Required: No

See Also

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

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

AssetRevision

The revision of an inventory asset.

Contents

createdAt

The timestamp of when an inventory asset revision was created.

Type: Timestamp

Required: No

createdBy

The Amazon DataZone user who created the asset revision.

Type: String

Required: No

domainId

The Amazon DataZone user who created the inventory asset.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: No

id

The identifier of the inventory asset revision.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

revision

The revision details of the inventory asset.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

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

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

AssetTargetNameMap

The name map for assets.

Contents

assetId

The identifier of the inventory asset.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

targetName

The target name in the asset target name map.

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](#)

AssetTypeItem

The details of the asset type.

Contents

domainId

The identifier of the Amazon DataZone domain where the asset type exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

formsOutput

The forms included in the details of the asset type.

Type: String to [FormEntryOutput](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

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

Key Pattern: `^(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

name

The name of the asset type.

Type: String

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

Pattern: `^[^\s.]*`

Required: Yes

owningProjectId

The identifier of the Amazon DataZone project that owns the asset type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

revision

The revision of the asset type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

createdAt

The timestamp of when the asset type was created.

Type: Timestamp

Required: No

createdBy

The Amazon DataZone user who created the asset type.

Type: String

Required: No

description

The description of the asset type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

originDomainId

The identifier of the Amazon DataZone domain where the asset type was originally created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: No

originProjectId

The identifier of the Amazon DataZone project where the asset type exists.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

updatedAt

The timestamp of when the asset type was updated.

Type: Timestamp

Required: No

updatedBy

The Amazon DataZone user who updated the asset type.

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](#)

BusinessNameGenerationConfiguration

The configuration of the business name generation.

Contents

enabled

Specifies whether the business name generation is enabled.

Type: Boolean

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](#)

CloudFormationProperties

Part of the provisioning properties of the environment blueprint.

Contents

templateUrl

The template URL of the cloud formation provisioning properties of the environment blueprint.

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](#)

ConfigurableActionParameter

The details of the parameters for the configurable environment action.

Contents

key

The key of the configurable action parameter.

Type: String

Required: No

value

The value of the configurable action parameter.

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](#)

ConfigurableEnvironmentAction

The configurable action of a Amazon DataZone environment.

Contents

parameters

The parameters of a configurable action in a Amazon DataZone environment.

Type: Array of [ConfigurableActionParameter](#) objects

Required: Yes

type

The type of a configurable action in a Amazon DataZone environment.

Type: String

Required: Yes

auth

The authentication type of a configurable action of a Amazon DataZone environment.

Type: String

Valid Values: IAM | HTTPS

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](#)

CustomParameter

The details of user parameters of an environment blueprint.

Contents

fieldType

The field type of the parameter.

Type: String

Required: Yes

keyName

The key name of the parameter.

Type: String

Pattern: `^[a-zA-Z_][a-zA-Z0-9_]*$`

Required: Yes

defaultValue

The default value of the parameter.

Type: String

Required: No

description

The description of the parameter.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

isEditable

Specifies whether the parameter is editable.

Type: Boolean

Required: No

isOptional

Specifies whether the custom parameter is optional.

Type: Boolean

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](#)

DataProductItem

Contents

domainId

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: No

itemId

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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](#)

DataProductSummary

Contents

domainId

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

owningProjectId

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

createdAt

Type: Timestamp

Required: No

createdBy

Type: String

Required: No

dataProductItems

Type: Array of [DataProductItem](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Required: No

description

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

glossaryTerms

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

updatedAt

Type: Timestamp

Required: No

updatedBy

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](#)

DataSourceConfigurationInput

The configuration of the data source.

Contents

Important

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

glueRunConfiguration

The configuration of the AWS Glue data source.

Type: [GlueRunConfigurationInput](#) object

Required: No

redshiftRunConfiguration

The configuration of the Amazon Redshift data source.

Type: [RedshiftRunConfigurationInput](#) 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](#)

DataSourceConfigurationOutput

The configuration of the data source.

Contents

Important

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

glueRunConfiguration

The configuration of the AWS Glue data source.

Type: [GlueRunConfigurationOutput](#) object

Required: No

redshiftRunConfiguration

The configuration of the Amazon Redshift data source.

Type: [RedshiftRunConfigurationOutput](#) 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](#)

DataSourceErrorMessage

The details of the error message that is returned if the operation cannot be successfully completed.

Contents

errorType

The type of the error message that is returned if the operation cannot be successfully completed.

Type: String

Valid Values: ACCESS_DENIED_EXCEPTION | CONFLICT_EXCEPTION | INTERNAL_SERVER_EXCEPTION | RESOURCE_NOT_FOUND_EXCEPTION | SERVICE_QUOTA_EXCEEDED_EXCEPTION | THROTTLING_EXCEPTION | VALIDATION_EXCEPTION

Required: Yes

errorDetail

The details of the error message that is returned if the operation cannot be successfully completed.

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](#)

DataSourceRunActivity

The activity details of the data source run.

Contents

createdAt

The timestamp of when data source run activity was created.

Type: Timestamp

Required: Yes

dataAssetStatus

The status of the asset included in the data source run activity.

Type: String

Valid Values: FAILED | PUBLISHING_FAILED | SUCCEEDED_CREATED | SUCCEEDED_UPDATED | SKIPPED_ALREADY_IMPORTED | SKIPPED_ARCHIVED | SKIPPED_NO_ACCESS | UNCHANGED

Required: Yes

database

The database included in the data source run activity.

Type: String

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

Required: Yes

dataSourceRunId

The identifier of the data source for the data source run activity.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

projectId

The project ID included in the data source run activity.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

technicalName

The technical name included in the data source run activity.

Type: String

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

Required: Yes

updatedAt

The timestamp of when data source run activity was updated.

Type: Timestamp

Required: Yes

dataAssetId

The identifier of the asset included in the data source run activity.

Type: String

Required: No

errorMessage

The details of the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

Required: No

technicalDescription

The technical description included in the data source run activity.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

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](#)

DataSourceRunSummary

The details of a data source run.

Contents

createdAt

The timestamp of when a data source run was created.

Type: Timestamp

Required: Yes

dataSourceId

The identifier of the data source of the data source run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of the data source run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

projectId

The project ID of the data source run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

status

The status of the data source run.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

Required: Yes

type

The type of the data source run.

Type: String

Valid Values: PRIORITIZED | SCHEDULED

Required: Yes

updatedAt

The timestamp of when a data source run was updated.

Type: Timestamp

Required: Yes

errorMessage

The details of the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

Required: No

runStatisticsForAssets

The asset statistics from the data source run.

Type: [RunStatisticsForAssets](#) object

Required: No

startedAt

The timestamp of when a data source run was started.

Type: Timestamp

Required: No

stoppedAt

The timestamp of when a data source run was stopped.

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](#)

DataSourceSummary

The details of the data source.

Contents

dataSourceId

The ID of the data source.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

domainId

The ID of the Amazon DataZone domain in which the data source exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentId

The ID of the environment in which the data source exists.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the data source.

Type: String

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

Required: Yes

status

The status of the data source.

Type: String

Valid Values: CREATING | FAILED_CREATION | READY | UPDATING | FAILED_UPDATE
| RUNNING | DELETING | FAILED_DELETION

Required: Yes

type

The type of the data source.

Type: String

Required: Yes

createdAt

The timestamp of when the data source was created.

Type: Timestamp

Required: No

enableSetting

Specifies whether the data source is enabled.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

lastRunAssetCount

The count of the assets created during the last data source run.

Type: Integer

Required: No

lastRunAt

The timestamp of when the data source run was last performed.

Type: Timestamp

Required: No

lastRunErrorMessage

The details of the error message that is returned if the operation cannot be successfully completed.

Type: [DataSourceErrorMessage](#) object

Required: No

lastRunStatus

The status of the last data source run.

Type: String

Valid Values: REQUESTED | RUNNING | FAILED | PARTIALLY_SUCCEEDED | SUCCESS

Required: No

schedule

The details of the schedule of the data source runs.

Type: [ScheduleConfiguration](#) object

Required: No

updatedAt

The timestamp of when the data source was 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](#)

Deployment

The details of the last deployment of the environment.

Contents

deploymentId

The identifier of the last deployment of the environment.

Type: String

Required: No

deploymentStatus

The status of the last deployment of the environment.

Type: String

Valid Values: IN_PROGRESS | SUCCESSFUL | FAILED | PENDING_DEPLOYMENT

Required: No

deploymentType

The type of the last deployment of the environment.

Type: String

Valid Values: CREATE | UPDATE | DELETE

Required: No

failureReason

The failure reason of the last deployment of the environment.

Type: [EnvironmentError](#) object

Required: No

isDeploymentComplete

Specifies whether the last deployment of the environment is complete.

Type: Boolean

Required: No

messages

The messages of the last deployment of the environment.

Type: Array of strings

Required: No

See Also

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

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

DeploymentProperties

The deployment properties of the Amazon DataZone blueprint.

Contents

endTimeoutMinutes

The end timeout of the environment blueprint deployment.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 225.

Required: No

startTimeoutMinutes

The start timeout of the environment blueprint deployment.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 225.

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](#)

DetailedGlossaryTerm

Details of a glossary term attached to the inventory asset.

Contents

name

The name of a glossary term attached to the inventory asset.

Type: String

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

Required: No

shortDescription

The short description of a glossary term attached to the inventory asset.

Type: String

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

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](#)

DomainSummary

A summary of a Amazon DataZone domain.

Contents

arn

The ARN of the Amazon DataZone domain.

Type: String

Required: Yes

createdAt

A timestamp of when a Amazon DataZone domain was created.

Type: Timestamp

Required: Yes

id

The ID of the Amazon DataZone domain.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

managedAccountId

The identifier of the AWS account that manages the domain.

Type: String

Required: Yes

name

A name of an Amazon DataZone domain.

Type: String

Required: Yes

status

The status of the Amazon DataZone domain.

Type: String

Valid Values: CREATING | AVAILABLE | CREATION_FAILED | DELETING | DELETED | DELETION_FAILED

Required: Yes

description

A description of an Amazon DataZone domain.

Type: String

Required: No

lastUpdatedAt

A timestamp of when a Amazon DataZone domain was last updated.

Type: Timestamp

Required: No

portalUrl

The data portal URL for the Amazon DataZone domain.

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](#)

EnvironmentBlueprintConfigurationItem

The configuration details of an environment blueprint.

Contents

domainId

The identifier of the Amazon DataZone domain in which an environment blueprint exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentBlueprintId

The identifier of the environment blueprint.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

createdAt

The timestamp of when an environment blueprint was created.

Type: Timestamp

Required: No

enabledRegions

The enabled AWS Regions specified in a blueprint configuration.

Type: Array of strings

Array Members: Minimum number of 0 items.

Length Constraints: Minimum length of 4. Maximum length of 16.

Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$`

Required: No

manageAccessRoleArn

The ARN of the manage access role specified in the environment blueprint configuration.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

Required: No

provisioningRoleArn

The ARN of the provisioning role specified in the environment blueprint configuration.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]*$`

Required: No

regionalParameters

The regional parameters of the environment blueprint.

Type: String to string to string map map

Key Length Constraints: Minimum length of 4. Maximum length of 16.

Key Pattern: `^[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]$`

Required: No

updatedAt

The timestamp of when the environment blueprint was 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](#)

EnvironmentBlueprintSummary

The details of an environment blueprint summary.

Contents

id

The identifier of the blueprint.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the blueprint.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: Yes

provider

The provider of the blueprint.

Type: String

Required: Yes

provisioningProperties

The provisioning properties of the blueprint.

Type: [ProvisioningProperties](#) 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 an environment blueprint was created.

Type: Timestamp

Required: No

description

The description of a blueprint.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

updatedAt

The timestamp of when the blueprint was enabled.

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](#)

EnvironmentError

The failure reasons for the environment deployment.

Contents

message

The error message for the failure reason for the environment deployment.

Type: String

Required: Yes

code

The error code for the failure reason for the environment deployment.

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](#)

EnvironmentParameter

The parameter details of an environment profile.

Contents

name

The name of an environment profile parameter.

Type: String

Required: No

value

The value of an environment profile parameter.

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](#)

EnvironmentProfileSummary

The details of an environment profile.

Contents

createdBy

The Amazon DataZone user who created the environment profile.

Type: String

Required: Yes

domainId

The identifier of the Amazon DataZone domain in which the environment profile exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentBlueprintId

The identifier of a blueprint with which an environment profile is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of the environment profile.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the environment profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: Yes

awsAccountId

The identifier of an AWS account in which an environment profile exists.

Type: String

Pattern: `^\\d{12}$`

Required: No

awsAccountRegion

The AWS Region in which an environment profile exists.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\\d$`

Required: No

createdAt

The timestamp of when an environment profile was created.

Type: Timestamp

Required: No

description

The description of the environment profile.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

projectId

The identifier of a project in which an environment profile exists.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

updatedAt

The timestamp of when the environment profile was 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](#)

EnvironmentSummary

The details of an environment.

Contents

createdBy

The Amazon DataZone user who created the environment.

Type: String

Required: Yes

domainId

The identifier of the Amazon DataZone domain in which the environment exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentProfileId

The identifier of the environment profile with which the environment was created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the environment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: Yes

projectId

The identifier of the project in which the environment exists.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

provider

The provider of the environment.

Type: String

Required: Yes

awsAccountId

The identifier of the AWS account in which an environment exists.

Type: String

Pattern: `^\d{12}$`

Required: No

awsAccountRegion

The AWS Region in which an environment exists.

Type: String

Pattern: `^[a-z]{2}-[a-z]{4,10}-\d$`

Required: No

createdAt

The timestamp of when the environment was created.

Type: Timestamp

Required: No

description

The description of the environment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

id

The identifier of the environment.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

status

The status of the environment.

Type: String

Valid Values: ACTIVE | CREATING | UPDATING | DELETING | CREATE_FAILED | UPDATE_FAILED | DELETE_FAILED | VALIDATION_FAILED | SUSPENDED | DISABLED | EXPIRED | DELETED | INACCESSIBLE

Required: No

updatedAt

The timestamp of when the environment was 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](#)

FailureCause

Specifies the error message that is returned if the operation cannot be successfully completed.

Contents

message

The description of the error message.

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](#)

Filter

A search filter in Amazon DataZone.

Contents

attribute

A search filter attribute in Amazon DataZone.

Type: String

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

Required: Yes

value

A search filter value in Amazon DataZone.

Type: String

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

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](#)

FilterClause

A search filter clause in Amazon DataZone.

Contents

Important

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

and

The 'and' search filter clause in Amazon DataZone.

Type: Array of [FilterClause](#) objects

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Required: No

filter

A search filter in Amazon DataZone.

Type: [Filter](#) object

Required: No

or

The 'or' search filter clause in Amazon DataZone.

Type: Array of [FilterClause](#) objects

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Required: No

See Also

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

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

FilterExpression

A filter expression in Amazon DataZone.

Contents

expression

The search filter expression.

Type: String

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

Required: Yes

type

The search filter expression type.

Type: String

Valid Values: INCLUDE | EXCLUDE

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](#)

FormEntryInput

The details of the form entry.

Contents

typeIdentifier

The type ID of the form entry.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 385.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

typeRevision

The type revision of the form entry.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

required

Specifies whether a form entry is required.

Type: Boolean

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](#)

FormEntryOutput

The details of the form entry.

Contents

typeName

The name of the type of the form entry.

Type: String

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

Pattern: `^(amazon.datazone.)(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

typeRevision

The type revision of the form entry.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

required

Specifies whether a form entry is required.

Type: Boolean

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](#)

FormInput

The details of a metadata form.

Contents

formName

The name of the metadata form.

Type: String

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

Pattern: `^(?![\0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

content

The content of the metadata form.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 150000.

Required: No

typeIdentifier

The ID of the metadata form type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 385.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: No

typeRevision

The revision of the metadata form type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

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

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

FormOutput

The details of a metadata form.

Contents

formName

The name of the metadata form.

Type: String

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

Pattern: `^(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

content

The content of the metadata form.

Type: String

Required: No

typeName

The name of the metadata form type.

Type: String

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

Pattern: `^(amazon.datzone.)(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: No

typeRevision

The revision of the metadata form type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

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

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

FormTypeData

The details of the metadata form type.

Contents

domainId

The identifier of the Amazon DataZone domain in which the form type exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the form type.

Type: String

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

Pattern: `^(amazon.datazone.)?(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

revision

The revision of the form type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

createdAt

The timestamp of when the metadata form type was created.

Type: Timestamp

Required: No

createdBy

The Amazon DataZone user who created the metadata form type.

Type: String

Required: No

description

The description of the metadata form type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

imports

The imports specified in the form type.

Type: Array of [Import](#) objects

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

Required: No

model

The model of the form type.

Type: [Model](#) object

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

Required: No

originDomainId

The identifier of the Amazon DataZone domain in which the form type was originally created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: No

originProjectId

The identifier of the project in which the form type was originally created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

owningProjectId

The identifier of the project that owns the form type.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

status

The status of the form type.

Type: String

Valid Values: ENABLED | DISABLED

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](#)

GlossaryItem

The details of a business glossary.

Contents

domainId

The identifier of the Amazon DataZone domain in which the business glossary exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of the glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the glossary.

Type: String

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

Required: Yes

owningProjectId

The identifier of the project that owns the business glossary.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

status

The business glossary status.

Type: String

Valid Values: DISABLED | ENABLED

Required: Yes

createdAt

The timestamp of when the glossary was created.

Type: Timestamp

Required: No

createdBy

The Amazon DataZone user who created the glossary.

Type: String

Required: No

description

The business glossary description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

updatedAt

The timestamp of when the business glossary was updated.

Type: Timestamp

Required: No

updatedBy

The Amazon DataZone user who updated the business glossary.

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](#)

GlossaryTermItem

The details of a business glossary term.

Contents

domainId

The identifier of the Amazon DataZone domain in which the business glossary exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

glossaryId

The identifier of the business glossary to which the term belongs.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of the business glossary term.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of the business glossary term.

Type: String

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

Required: Yes

status

The status of the business glossary term.

Type: String

Valid Values: ENABLED | DISABLED

Required: Yes

createdAt

The timestamp of when a business glossary term was created.

Type: Timestamp

Required: No

createdBy

The Amazon DataZone user who created the business glossary.

Type: String

Required: No

longDescription

The long description of the business glossary term.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

shortDescription

The short description of the business glossary term.

Type: String

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

Required: No

termRelations

The relations of the business glossary term.

Type: [TermRelations](#) object

Required: No

updatedAt

The timestamp of when a business glossary term was updated.

Type: Timestamp

Required: No

updatedBy

The Amazon DataZone user who updated the business glossary term.

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](#)

GlueRunConfigurationInput

The configuration details of the AWS Glue data source.

Contents

relationalFilterConfigurations

The relational filter configurations included in the configuration details of the AWS Glue data source.

Type: Array of [RelationalFilterConfiguration](#) objects

Required: Yes

autoImportDataQualityResult

Specifies whether to automatically import data quality metrics as part of the data source run.

Type: Boolean

Required: No

dataAccessRole

The data access role included in the configuration details of the AWS Glue data source.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]{1,128}$`

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](#)

GlueRunConfigurationOutput

The configuration details of the AWS Glue data source.

Contents

relationalFilterConfigurations

The relational filter configurations included in the configuration details of the AWS Glue data source.

Type: Array of [RelationalFilterConfiguration](#) objects

Required: Yes

accountId

The AWS account ID included in the configuration details of the AWS Glue data source.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^\d{12}$`

Required: No

autoImportDataQualityResult

Specifies whether to automatically import data quality metrics as part of the data source run.

Type: Boolean

Required: No

dataAccessRole

The data access role included in the configuration details of the AWS Glue data source.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]{1,128}$`

Required: No

region

The AWS region included in the configuration details of the AWS Glue data source.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 16.

Pattern: `[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]`

Required: No

See Also

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

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

GrantedEntity

The details of a listing for which a subscription is granted.

Contents

Important

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

listing

The listing for which a subscription is granted.

Type: [ListingRevision](#) 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](#)

GrantedEntityInput

The details of a listing for which a subscription is to be granted.

Contents

Important

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

listing

The listing for which a subscription is to be granted.

Type: [ListingRevisionInput](#) 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](#)

GroupDetails

The details of a group in Amazon DataZone.

Contents

groupId

The identifier of the group in Amazon DataZone.

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](#)

GroupProfileSummary

The details of a group profile.

Contents

domainId

The ID of the Amazon DataZone domain of a group profile.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: No

groupName

The group name of a group profile.

Type: String

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

Pattern: `^[a-zA-Z_0-9+=, .@-]+$`

Required: No

id

The ID of a group profile.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

Required: No

status

The status of a group profile.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED

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](#)

IamUserProfileDetails

The details of an IAM user profile in Amazon DataZone.

Contents

arn

The ARN of an IAM user profile in Amazon DataZone.

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](#)

Import

The details of the import of the metadata form type.

Contents

name

The name of the import.

Type: String

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

Pattern: `^(amazon.datazone.)(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

Required: Yes

revision

The revision of the import.

Type: String

Length Constraints: Minimum length of 1. 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](#)

ListingItem

The details of a listing (aka asset published in a Amazon DataZone catalog).

Contents

Important

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

assetListing

An asset published in an Amazon DataZone catalog.

Type: [AssetListing](#) 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](#)

ListingRevision

A revision of an asset published in a Amazon DataZone catalog.

Contents

id

An identifier of a revision of an asset published in a Amazon DataZone catalog.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

revision

The details of a revision of an asset published in a Amazon DataZone catalog.

Type: String

Length Constraints: Minimum length of 1. 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](#)

ListingRevisionInput

A revision to be made to an asset published in a Amazon DataZone catalog.

Contents

identifier

An identifier of revision to be made to an asset published in a Amazon DataZone catalog.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

revision

The details of a revision to be made to an asset published in a Amazon DataZone catalog.

Type: String

Length Constraints: Minimum length of 1. 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](#)

Member

The details about a project member.

Contents

Important

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

groupIdentifier

The ID of the group of a project member.

Type: String

Required: No

userIdentifier

The user ID of a project member.

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](#)

MemberDetails

The details about a project member.

Contents

Important

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

group

The group details of a project member.

Type: [GroupDetails](#) object

Required: No

user

The user details of a project member.

Type: [UserDetails](#) 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](#)

MetadataGenerationRunItem

The metadata generation run.

Contents

domainId

The ID of the Amazon DataZone domain in which the metadata generation run was created.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The ID of the metadata generation run.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

owningProjectId

The ID of the project that owns the asset for which the metadata generation was ran.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

createdAt

The timestamp at which the metadata generation run was created.

Type: Timestamp

Required: No

createdBy

The user who created the metadata generation run.

Type: String

Required: No

status

The status of the metadata generation run.

Type: String

Valid Values: SUBMITTED | IN_PROGRESS | CANCELED | SUCCEEDED | FAILED

Required: No

target

The asset for which metadata was generated.

Type: [MetadataGenerationRunTarget](#) object

Required: No

type

The type of the metadata generation run.

Type: String

Valid Values: BUSINESS_DESCRIPTIONS

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](#)

MetadataGenerationRunTarget

The asset for which metadata was generated.

Contents

identifier

The ID of the metadata generation run's target.

Type: String

Required: Yes

type

The type of the asset for which metadata was generated.

Type: String

Valid Values: ASSET

Required: Yes

revision

The revision of the asset for which metadata was generated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

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

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

Model

The model of the API.

Contents

Important

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

smithy

Indicates the smithy model of the API.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

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](#)

NotificationOutput

The details of a notification generated in Amazon DataZone.

Contents

actionLink

The action link included in the notification.

Type: String

Required: Yes

creationTimestamp

The timestamp of when a notification was created.

Type: Timestamp

Required: Yes

domainIdentifier

The identifier of a Amazon DataZone domain in which the notification exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

identifier

The identifier of the notification.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

lastUpdatedTimestamp

The timestamp of when the notification was last updated.

Type: Timestamp

Required: Yes

message

The message included in the notification.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 16384.

Required: Yes

title

The title of the notification.

Type: String

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

Required: Yes

topic

The topic of the notification.

Type: [Topic](#) object

Required: Yes

type

The type of the notification.

Type: String

Valid Values: TASK | EVENT

Required: Yes

metadata

The metadata included in the notification.

Type: String to string map

Required: No

status

The status included in the notification.

Type: String

Valid Values: ACTIVE | INACTIVE

Required: No

See Also

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

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

NotificationResource

The details of the resource mentioned in a notification.

Contents

id

The ID of the resource mentioned in a notification.

Type: String

Required: Yes

type

The type of the resource mentioned in a notification.

Type: String

Valid Values: PROJECT

Required: Yes

name

The name of the resource mentioned in a notification.

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](#)

PredictionConfiguration

The configuration of the prediction.

Contents

businessNameGeneration

The business name generation mechanism.

Type: [BusinessNameGenerationConfiguration](#) 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](#)

ProjectDeletionError

Specifies the error message that is returned if the operation cannot be successfully completed.

Contents

code

The code of the project deletion error.

Type: String

Required: No

message

The message of the project deletion 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](#)

ProjectMember

The details of a project member.

Contents

designation

The designated role of a project member.

Type: String

Valid Values: PROJECT_OWNER | PROJECT_CONTRIBUTOR

Required: Yes

memberDetails

The membership details of a project member.

Type: [MemberDetails](#) 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](#)

ProjectSummary

The details of a Amazon DataZone project.

Contents

createdBy

The Amazon DataZone user who created the project.

Type: String

Required: Yes

domainId

The identifier of a Amazon DataZone domain where the project exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of a project.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

name

The name of a project.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: Yes

createdAt

The timestamp of when a project was created.

Type: Timestamp

Required: No

description

The description of a project.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

failureReasons

Specifies the error message that is returned if the operation cannot be successfully completed.

Type: Array of [ProjectDeletionError](#) objects

Required: No

projectStatus

The status of the project.

Type: String

Valid Values: ACTIVE | DELETING | DELETE_FAILED

Required: No

updatedAt

The timestamp of when the project was 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](#)

ProvisioningProperties

The provisioning properties of an environment blueprint.

Contents

Important

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

cloudFormation

The cloud formation properties included as part of the provisioning properties of an environment blueprint.

Type: [CloudFormationProperties](#) 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](#)

RecommendationConfiguration

The recommendation to be updated as part of the UpdateDataSource action.

Contents

enableBusinessNameGeneration

Specifies whether automatic business name generation is to be enabled or not as part of the recommendation configuration.

Type: Boolean

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](#)

RedshiftClusterStorage

The details of the Amazon Redshift cluster storage.

Contents

clusterName

The name of an Amazon Redshift cluster.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `^[0-9a-z].[a-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](#)

RedshiftCredentialConfiguration

The details of the credentials required to access an Amazon Redshift cluster.

Contents

secretManagerArn

The ARN of a secret manager for an Amazon Redshift cluster.

Type: String

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

Pattern: `^arn:aws[^:]*:secretsmanager:[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]:\d{12}:secret:.*$`

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](#)

RedshiftRunConfigurationInput

The configuration details of the Amazon Redshift data source.

Contents

redshiftCredentialConfiguration

The details of the credentials required to access an Amazon Redshift cluster.

Type: [RedshiftCredentialConfiguration](#) object

Required: Yes

redshiftStorage

The details of the Amazon Redshift storage as part of the configuration of an Amazon Redshift data source run.

Type: [RedshiftStorage](#) object

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

Required: Yes

relationalFilterConfigurations

The relational filter configurations included in the configuration details of the Amazon Redshift data source.

Type: Array of [RelationalFilterConfiguration](#) objects

Required: Yes

dataAccessRole

The data access role included in the configuration details of the Amazon Redshift data source.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]{1,128}$`

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](#)

RedshiftRunConfigurationOutput

The configuration details of the Amazon Redshift data source.

Contents

redshiftCredentialConfiguration

The details of the credentials required to access an Amazon Redshift cluster.

Type: [RedshiftCredentialConfiguration](#) object

Required: Yes

redshiftStorage

The details of the Amazon Redshift storage as part of the configuration of an Amazon Redshift data source run.

Type: [RedshiftStorage](#) object

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

Required: Yes

relationalFilterConfigurations

The relational filter configurations included in the configuration details of the Amazon Redshift data source.

Type: Array of [RelationalFilterConfiguration](#) objects

Required: Yes

accountId

The ID of the AWS account included in the configuration details of the Amazon Redshift data source.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^\d{12}$`

Required: No

dataAccessRole

The data access role included in the configuration details of the Amazon Redshift data source.

Type: String

Pattern: `^arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\w+=,.\@-]{1,128}$`

Required: No

region

The AWS region included in the configuration details of the Amazon Redshift data source.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 16.

Pattern: `[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]`

Required: No

See Also

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

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

RedshiftServerlessStorage

The details of the Amazon Redshift Serverless workgroup storage.

Contents

workgroupName

The name of the Amazon Redshift Serverless workgroup.

Type: String

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

Pattern: `^[a-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](#)

RedshiftStorage

The details of the Amazon Redshift storage as part of the configuration of an Amazon Redshift data source run.

Contents

Important

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

redshiftClusterSource

The details of the Amazon Redshift cluster source.

Type: [RedshiftClusterStorage](#) object

Required: No

redshiftServerlessSource

The details of the Amazon Redshift Serverless workgroup source.

Type: [RedshiftServerlessStorage](#) 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](#)

RejectChoice

The details of the automatically generated business metadata that is rejected.

Contents

predictionTarget

Specifies the target (for example, a column name) where a prediction can be rejected.

Type: String

Required: Yes

predictionChoices

Specifies the the automatically generated business metadata that can be rejected.

Type: Array of integers

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](#)

RejectRule

Specifies the rule and the threshold under which a prediction can be rejected.

Contents

rule

Specifies whether you want to reject the top prediction for all targets or none.

Type: String

Valid Values: ALL | NONE

Required: No

threshold

The confidence score that specifies the condition at which a prediction can be rejected.

Type: Float

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](#)

RelationalFilterConfiguration

The relational filter configuration for the data source.

Contents

databaseName

The database name specified in the relational filter configuration for the data source.

Type: String

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

Required: Yes

filterExpressions

The filter expressions specified in the relational filter configuration for the data source.

Type: Array of [FilterExpression](#) objects

Required: No

schemaName

The schema name specified in the relational filter configuration for the data source.

Type: String

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

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](#)

Resource

The details of a provisioned resource of this Amazon DataZone environment.

Contents

type

The type of a provisioned resource of this Amazon DataZone environment.

Type: String

Required: Yes

value

The value of a provisioned resource of this Amazon DataZone environment.

Type: String

Required: Yes

name

The name of a provisioned resource of this Amazon DataZone environment.

Type: String

Required: No

provider

The provider of a provisioned resource of this Amazon DataZone environment.

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](#)

RunStatisticsForAssets

The asset statistics from the data source run.

Contents

added

The added statistic for the data source run.

Type: Integer

Required: No

failed

The failed statistic for the data source run.

Type: Integer

Required: No

skipped

The skipped statistic for the data source run.

Type: Integer

Required: No

unchanged

The unchanged statistic for the data source run.

Type: Integer

Required: No

updated

The updated statistic for the data source run.

Type: Integer

Required: No

See Also

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

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

ScheduleConfiguration

The details of the schedule of the data source runs.

Contents

schedule

The schedule of the data source runs.

Type: String

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

Pattern: `cron\((\b[0-5]?[0-9]\b) (\b2[0-3]\b|\b[0-1]?[0-9]\b) (\.){1,5} (\.){1,5} (\.){1,5} (\.){1,5}\)`

Required: No

timezone

The timezone of the data source run.

Type: String

Valid Values: UTC | AFRICA_JOHANNESBURG | AMERICA_MONTREAL | AMERICA_SAO_PAULO | ASIA_BAHRAIN | ASIA_BANGKOK | ASIA_CALCUTTA | ASIA_DUBAI | ASIA_HONG_KONG | ASIA_JAKARTA | ASIA_KUALA_LUMPUR | ASIA_SEOUL | ASIA_SHANGHAI | ASIA_SINGAPORE | ASIA_TAIPEI | ASIA_TOKYO | AUSTRALIA_MELBOURNE | AUSTRALIA_SYDNEY | CANADA_CENTRAL | CET | CST6CDT | ETC_GMT | ETC_GMT0 | ETC_GMT_ADD_0 | ETC_GMT_ADD_1 | ETC_GMT_ADD_10 | ETC_GMT_ADD_11 | ETC_GMT_ADD_12 | ETC_GMT_ADD_2 | ETC_GMT_ADD_3 | ETC_GMT_ADD_4 | ETC_GMT_ADD_5 | ETC_GMT_ADD_6 | ETC_GMT_ADD_7 | ETC_GMT_ADD_8 | ETC_GMT_ADD_9 | ETC_GMT_NEG_0 | ETC_GMT_NEG_1 | ETC_GMT_NEG_10 | ETC_GMT_NEG_11 | ETC_GMT_NEG_12 | ETC_GMT_NEG_13 | ETC_GMT_NEG_14 | ETC_GMT_NEG_2 | ETC_GMT_NEG_3 | ETC_GMT_NEG_4 | ETC_GMT_NEG_5 | ETC_GMT_NEG_6 | ETC_GMT_NEG_7 | ETC_GMT_NEG_8 | ETC_GMT_NEG_9 | EUROPE_DUBLIN | EUROPE_LONDON | EUROPE_PARIS | EUROPE_STOCKHOLM | EUROPE_ZURICH | ISRAEL | MEXICO_GENERAL | MST7MDT | PACIFIC_AUCKLAND | US_CENTRAL | US_EASTERN | US_MOUNTAIN | US_PACIFIC

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](#)

SearchItem

The details of the search.

Contents

attribute

The search attribute.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

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](#)

SearchInventoryResultItem

The details of the search results.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

assetItem

The asset item included in the search results.

Type: [AssetItem](#) object

Required: No

dataProductItem

The data product item included in the search results.

Type: [DataProductSummary](#) object

Required: No

glossaryItem

The glossary item included in the search results.

Type: [GlossaryItem](#) object

Required: No

glossaryTermItem

The glossary term item included in the search results.

Type: [GlossaryTermItem](#) 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](#)

SearchResultItem

The details of the results of the SearchListings action.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

assetListing

The asset listing included in the results of the SearchListings action.

Type: [AssetListingItem](#) 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](#)

SearchSort

The details of the way to sort search results.

Contents

attribute

The attribute detail of the way to sort search results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

order

The order detail of the way to sort search results.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SearchTypesResultItem

The details of the results of the SearchTypes action.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

assetTypeItem

The asset type included in the results of the SearchTypes action.

Type: [AssetTypeItem](#) object

Required: No

formTypeItem

The form type included in the results of the SearchTypes action.

Type: [FormTypeData](#) 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](#)

SingleSignOn

The single sign-on details in Amazon DataZone.

Contents

type

The type of single sign-on in Amazon DataZone.

Type: String

Valid Values: IAM_IDC | DISABLED

Required: No

userAssignment

The single sign-on user assignment in Amazon DataZone.

Type: String

Valid Values: AUTOMATIC | MANUAL

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](#)

SsoUserProfileDetails

The single sign-on details of the user profile.

Contents

firstName

The first name included in the single sign-on details of the user profile.

Type: String

Required: No

lastName

The last name included in the single sign-on details of the user profile.

Type: String

Required: No

username

The username included in the single sign-on details of the user profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `^[a-zA-Z_0-9+=, .@-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SubscribedAsset

The details of the asset for which the subscription grant is created.

Contents

assetId

The identifier of the asset for which the subscription grant is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

assetRevision

The revision of the asset for which the subscription grant is created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

status

The status of the asset for which the subscription grant is created.

Type: String

Valid Values: GRANT_PENDING | REVOKE_PENDING | GRANT_IN_PROGRESS | REVOKE_IN_PROGRESS | GRANTED | REVOKED | GRANT_FAILED | REVOKE_FAILED

Required: Yes

failureCause

The failure cause included in the details of the asset for which the subscription grant is created.

Type: [FailureCause](#) object

Required: No

failureTimestamp

The failure timestamp included in the details of the asset for which the subscription grant is created.

Type: Timestamp

Required: No

grantedTimestamp

The timestamp of when the subscription grant to the asset is created.

Type: Timestamp

Required: No

targetName

The target name of the asset for which the subscription grant is created.

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](#)

SubscribedAssetListing

The details of the published asset for which the subscription grant is created.

Contents

entityId

The identifier of the published asset for which the subscription grant is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

entityRevision

The revision of the published asset for which the subscription grant is created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

entityType

The type of the published asset for which the subscription grant is created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `^[^\.]*`

Required: No

forms

The forms attached to the published asset for which the subscription grant is created.

Type: String

Required: No

glossaryTerms

The glossary terms attached to the published asset for which the subscription grant is created.

Type: Array of [DetailedGlossaryTerm](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SubscribedListing

The details of the published asset for which the subscription grant is created.

Contents

description

The description of the published asset for which the subscription grant is created.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: Yes

id

The identifier of the published asset for which the subscription grant is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

item

The published asset for which the subscription grant is created.

Type: [SubscribedListingItem](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

name

The name of the published asset for which the subscription grant is created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

ownerProjectId

The identifier of the project of the published asset for which the subscription grant is created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

ownerProjectName

The name of the project that owns the published asset for which the subscription grant is created.

Type: String

Required: No

revision

The revision of the published asset for which the subscription grant is created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SubscribedListingInput

The published asset for which the subscription grant is to be created.

Contents

identifier

The identifier of the published asset for which the subscription grant is to be created.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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](#)

SubscribedListingItem

The published asset for which the subscription grant is created.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

assetListing

The asset for which the subscription grant is created.

Type: [SubscribedAssetListing](#) 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](#)

SubscribedPrincipal

The principal that has the subscription grant for the asset.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

project

The project that has the subscription grant.

Type: [SubscribedProject](#) 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](#)

SubscribedPrincipalInput

The principal that is to be given a subscription grant.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

project

The project that is to be given a subscription grant.

Type: [SubscribedProjectInput](#) 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](#)

SubscribedProject

The project that has the subscription grant.

Contents

id

The identifier of the project that has the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

name

The name of the project that has the subscription grant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[\\w -]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SubscribedProjectInput

The project that is to be given a subscription grant.

Contents

identifier

The identifier of the project that is to be given a subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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](#)

SubscriptionGrantSummary

The details of the subscription grant.

Contents

createdAt

The timestamp of when a subscription grant was created.

Type: Timestamp

Required: Yes

createdBy

The datazone user who created the subscription grant.

Type: String

Required: Yes

domainId

The identifier of the Amazon DataZone domain in which a subscription grant exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

grantedEntity

The entity to which the subscription is granted.

Type: [GrantedEntity](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

id

The identifier of the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

status

The status of the subscription grant.

Type: String

Valid Values: PENDING | IN_PROGRESS | GRANT_FAILED | REVOKE_FAILED | GRANT_AND_REVOKE_FAILED | COMPLETED | INACCESSIBLE

Required: Yes

subscriptionTargetId

The identifier of the target of the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

updatedAt

The timestamp of when the subscription grant was updated.

Type: Timestamp

Required: Yes

assets

The assets included in the subscription grant.

Type: Array of [SubscribedAsset](#) objects

Required: No

subscriptionId

The ID of the subscription grant.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

updatedBy

The Amazon DataZone user who updated the subscription grant.

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](#)

SubscriptionRequestSummary

The details of the subscription request.

Contents

createdAt

The timestamp of when a subscription request was created.

Type: Timestamp

Required: Yes

createdBy

The Amazon DataZone user who created the subscription request.

Type: String

Required: Yes

domainId

The identifier of the Amazon DataZone domain in which a subscription request exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of the subscription request.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

requestReason

The reason for the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

status

The status of the subscription request.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED

Required: Yes

subscribedListings

The listings included in the subscription request.

Type: Array of [SubscribedListing](#) objects

Array Members: Fixed number of 1 item.

Required: Yes

subscribedPrincipals

The principals included in the subscription request.

Type: Array of [SubscribedPrincipal](#) objects

Array Members: Fixed number of 1 item.

Required: Yes

updatedAt

The timestamp of when the subscription request was updated.

Type: Timestamp

Required: Yes

decisionComment

The decision comment of the subscription request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

reviewerId

The identifier of the subscription request reviewer.

Type: String

Required: No

updatedBy

The identifier of the Amazon DataZone user who updated the subscription request.

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](#)

SubscriptionSummary

The details of the subscription.

Contents

createdAt

The timestamp of when the subscription was created.

Type: Timestamp

Required: Yes

createdBy

The Amazon DataZone user who created the subscription.

Type: String

Required: Yes

domainId

The identifier of the Amazon DataZone domain in which a subscription exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of the subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

status

The status of the subscription.

Type: String

Valid Values: APPROVED | REVOKED | CANCELLED

Required: Yes

subscribedListing

The listing included in the subscription.

Type: [SubscribedListing](#) object

Required: Yes

subscribedPrincipal

The principal included in the subscription.

Type: [SubscribedPrincipal](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

updatedAt

The timestamp of when the subscription was updated.

Type: Timestamp

Required: Yes

retainPermissions

The retain permissions included in the subscription.

Type: Boolean

Required: No

subscriptionRequestId

The identifier of the subscription request for the subscription.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

updatedBy

The Amazon DataZone user who updated the subscription.

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](#)

SubscriptionTargetForm

The details of the subscription target configuration.

Contents

content

The content of the subscription target configuration.

Type: String

Required: Yes

formName

The form name included in the subscription target configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `^(?![0-9_])\w+$|^_\w*[a-zA-Z0-9]\w*$`

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](#)

SubscriptionTargetSummary

The details of the subscription target.

Contents

applicableAssetTypes

The asset types included in the subscription target.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `^[^\.]*`

Required: Yes

authorizedPrincipals

The authorized principals included in the subscription target.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: `^[a-zA-Z0-9:/_-]*$`

Required: Yes

createdAt

The timestamp of when the subscription target was created.

Type: Timestamp

Required: Yes

createdBy

The Amazon DataZone user who created the subscription target.

Type: String

Required: Yes

domainId

The identifier of the Amazon DataZone domain in which the subscription target exists.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: Yes

environmentId

The identifier of the environment of the subscription target.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

id

The identifier of the subscription target.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

manageAccessRole

The manage access role specified in the subscription target.

Type: String

Required: Yes

name

The name of the subscription target.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: Yes

projectId

The identifier of the project specified in the subscription target.

Type: String

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: Yes

provider

The provider of the subscription target.

Type: String

Required: Yes

subscriptionTargetConfig

The configuration of the subscription target.

Type: Array of [SubscriptionTargetForm](#) objects

Required: Yes

type

The type of the subscription target.

Type: String

Required: Yes

updatedAt

The timestamp of when the subscription target was updated.

Type: Timestamp

Required: No

updatedBy

The Amazon DataZone user who updated the subscription target.

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](#)

TermRelations

The details of the term relations.

Contents

classifies

The classifies of the term relations.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

Required: No

isA

The isA property of the term relations.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Pattern: `^[a-zA-Z0-9_-]{1,36}$`

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](#)

TimeSeriesDataPointFormInput

The time series data points form.

Contents

formName

The name of the time series data points form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

timestamp

The timestamp of the time series data points form.

Type: Timestamp

Required: Yes

typeIdentifier

The ID of the type of the time series data points form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 385.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

content

The content of the time series data points form.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 500000.

Required: No

typeRevision

The revision type of the time series data points form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TimeSeriesDataPointFormOutput

The time series data points form.

Contents

formName

The name of the time series data points form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

timestamp

The timestamp of the time series data points form.

Type: Timestamp

Required: Yes

typeIdentifier

The ID of the type of the time series data points form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 385.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

content

The content of the time series data points form.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 500000.

Required: No

id

The ID of the time series data points form.

Type: String

Pattern: `^[a-zA-Z0-9_-]{0,36}$`

Required: No

typeRevision

The revision type of the time series data points form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TimeSeriesDataPointSummaryFormOutput

The summary of the time series data points form.

Contents

formName

The name of the time series data points summary form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

timestamp

The timestamp of the time series data points summary form.

Type: Timestamp

Required: Yes

typeIdentifier

The type ID of the time series data points summary form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 385.

Pattern: `^(?!\\.)([\\w\\.])*\\w$`

Required: Yes

contentSummary

The content of the summary of the time series data points form.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 20000.

Required: No

id

The ID of the time series data points summary form.

Type: String

Pattern: `^[a-zA-Z0-9_-]{0,36}$`

Required: No

typeRevision

The type revision of the time series data points summary form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Topic

The topic of the notification.

Contents

resource

The details of the resource mentioned in a notification.

Type: [NotificationResource](#) object

Required: Yes

role

The role of the resource mentioned in a notification.

Type: String

Valid Values: PROJECT_OWNER | PROJECT_CONTRIBUTOR | PROJECT_VIEWER | DOMAIN_OWNER | PROJECT_SUBSCRIBER

Required: Yes

subject

The subject of the resource mentioned in a notification.

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](#)

UserDetails

The user details of a project member.

Contents

userId

The identifier of the Amazon DataZone user.

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](#)

UserProfileDetails

The details of the user profile in Amazon DataZone.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

iam

The IAM details included in the user profile details.

Type: [IamUserProfileDetails](#) object

Required: No

sso

The single sign-on details included in the user profile details.

Type: [SsoUserProfileDetails](#) 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](#)

UserProfileSummary

The details of the user profile.

Contents

details

The details of the user profile.

Type: [UserProfileDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

domainId

The ID of the Amazon DataZone domain of the user profile.

Type: String

Pattern: `^dzd[-_][a-zA-Z0-9_-]{1,36}$`

Required: No

id

The ID of the user profile.

Type: String

Pattern: `^[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}$`

Required: No

status

The status of the user profile.

Type: String

Valid Values: ASSIGNED | NOT_ASSIGNED | ACTIVATED | DEACTIVATED

Required: No

type

The type of the user profile.

Type: String

Valid Values: IAM | SSO

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

Action

The action to be performed.

Type: string

Required: Yes

Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key/YYYYMMDD/region/service/aws4_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request is expired

HTTP Status Code: 403

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 403

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

MalformedHttpRequestException

Problems with the request at the HTTP level, e.g. we can't decompress the body according to the decompression algorithm specified by the content-encoding.

HTTP Status Code: 400

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 401

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

RequestAbortedException

Convenient exception that can be used when a request is aborted before a reply is sent back (e.g. client closed connection).

HTTP Status Code: 400

RequestEntityTooLargeException

Problems with the request at the HTTP level. The request entity is too large.

HTTP Status Code: 413

RequestExpired

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

RequestTimeoutException

Problems with the request at the HTTP level. Reading the Request timed out.

HTTP Status Code: 408

ServiceUnavailable

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

UnrecognizedClientException

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

UnknownOperationException

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 404

ValidationError

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400