aws

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
- AddEntityOwner
- AddPolicyGrant
- AssociateEnvironmentRole
- AssociateGovernedTerms
- BatchGetAttributesMetadata
- BatchPutAttributesMetadata
- CancelMetadataGenerationRun
- CancelSubscription
- CreateAccountPool
- CreateAsset
- CreateAssetFilter
- CreateAssetRevision
- CreateAssetType
- CreateConnection
- CreateDataProduct
- CreateDataProductRevision
- CreateDataSource
- CreateDomain
- CreateDomainUnit
- CreateEnvironment
- CreateEnvironmentAction
- CreateEnvironmentBlueprint
- CreateEnvironmentProfile
- CreateFormType
- CreateGlossary

- CreateGlossaryTerm
- CreateGroupProfile
- CreateListingChangeSet
- CreateProject
- CreateProjectMembership
- CreateProjectProfile
- CreateRule
- CreateSubscriptionGrant
- CreateSubscriptionRequest
- CreateSubscriptionTarget
- CreateUserProfile
- DeleteAccountPool
- DeleteAsset
- DeleteAssetFilter
- DeleteAssetType
- DeleteConnection
- DeleteDataExportConfiguration
- DeleteDataProduct
- DeleteDataSource
- DeleteDomain
- DeleteDomainUnit
- DeleteEnvironment
- DeleteEnvironmentAction
- DeleteEnvironmentBlueprint
- DeleteEnvironmentBlueprintConfiguration
- DeleteEnvironmentProfile
- DeleteFormType
- DeleteGlossary
- DeleteGlossaryTerm
- DeleteListing

- DeleteProject
- DeleteProjectMembership
- DeleteProjectProfile
- DeleteRule
- DeleteSubscriptionGrant
- DeleteSubscriptionRequest
- DeleteSubscriptionTarget
- DeleteTimeSeriesDataPoints
- DisassociateEnvironmentRole
- DisassociateGovernedTerms
- GetAccountPool
- GetAsset
- GetAssetFilter
- GetAssetType
- GetConnection
- GetDataExportConfiguration
- GetDataProduct
- GetDataSource
- GetDataSourceRun
- GetDomain
- GetDomainUnit
- GetEnvironment
- GetEnvironmentAction
- GetEnvironmentBlueprint
- GetEnvironmentBlueprintConfiguration
- GetEnvironmentCredentials
- GetEnvironmentProfile
- GetFormType
- GetGlossary
- GetGlossaryTerm

- GetGroupProfile
- GetIamPortalLoginUrl
- GetJobRun
- GetLineageEvent
- GetLineageNode
- GetListing
- GetMetadataGenerationRun
- GetProject
- GetProjectProfile
- GetRule
- GetSubscription
- GetSubscriptionGrant
- GetSubscriptionRequestDetails
- GetSubscriptionTarget
- GetTimeSeriesDataPoint
- GetUserProfile
- ListAccountPools
- ListAccountsInAccountPool
- ListAssetFilters
- ListAssetRevisions
- ListConnections
- ListDataProductRevisions
- ListDataSourceRunActivities
- ListDataSourceRuns
- ListDataSources
- ListDomains
- ListDomainUnitsForParent
- ListEntityOwners
- ListEnvironmentActions
- ListEnvironmentBlueprintConfigurations

- ListEnvironmentBlueprints
- ListEnvironmentProfiles
- ListEnvironments
- ListJobRuns
- ListLineageEvents
- ListLineageNodeHistory
- ListMetadataGenerationRuns
- ListNotifications
- ListPolicyGrants
- ListProjectMemberships
- ListProjectProfiles
- ListProjects
- ListRules
- ListSubscriptionGrants
- ListSubscriptionRequests
- ListSubscriptions
- ListSubscriptionTargets
- ListTagsForResource
- ListTimeSeriesDataPoints
- PostLineageEvent
- PostTimeSeriesDataPoints
- PutDataExportConfiguration
- PutEnvironmentBlueprintConfiguration
- QueryGraph
- RejectPredictions
- RejectSubscriptionRequest
- RemoveEntityOwner
- RemovePolicyGrant
- RevokeSubscription
- Search

- SearchGroupProfiles
- SearchListings
- SearchTypes
- SearchUserProfiles
- StartDataSourceRun
- StartMetadataGenerationRun
- TagResource
- UntagResource
- UpdateAccountPool
- UpdateAssetFilter
- UpdateConnection
- UpdateDataSource
- UpdateDomain
- UpdateDomainUnit
- UpdateEnvironment
- UpdateEnvironmentAction
- UpdateEnvironmentBlueprint
- UpdateEnvironmentProfile
- UpdateGlossary
- UpdateGlossaryTerm
- UpdateGroupProfile
- UpdateProject
- UpdateProjectProfile
- UpdateRootDomainUnitOwner
- UpdateRule
- 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

InternalServerException

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 V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

{
   "assetPermissions": [
      {
         "assetId": "string",
         "permissions": { ... }
      }
   ],
   "assetScopes": [
      {
         "assetId": "string",
         "filterIds": [ "string" ]
      }
   ],
   "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.

assetPermissions

The asset permissions of the accept subscription request.

Type: Array of AssetPermission objects

Required: No

assetScopes

The asset scopes of the accept subscription request.

Type: Array of AcceptedAssetScope objects

Required: No

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",
   "existingSubscriptionId": "string",
   "id": "string",
```

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

existingSubscriptionId

The ID of the existing subscription.

Type: String

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

id

The identifier of the subscription request.

Type: String

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

metadataForms

The metadata form in the subscription request.

Type: Array of FormOutput objects

requestReason

Specifies the reason for requesting a subscription to the asset.

Type: String

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

reviewerId

Specifes 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

AddEntityOwner

Adds the owner of an entity (a domain unit).

Request Syntax

```
POST /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/addOwner
 HTTP/1.1
Content-type: application/json

{
   "clientToken": "string",
   "owner": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain in which you want to add the entity owner.

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

Required: Yes

entityIdentifier

The ID of the entity to which you want to add an owner.

Required: Yes

entityType

The type of an entity.

Valid Values: `DOMAIN_UNIT`

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

owner

The owner that you want to add to the entity.

Type: OwnerProperties 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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4

- AWS SDK for C++
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- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

AddPolicyGrant

Adds a policy grant (an authorization policy) to a specified entity, including domain units, environment blueprint configurations, or environment profiles.

Request Syntax

```
POST /v2/domains/domainIdentifier/policies/managed/entityType/entityIdentifier/addGrant
 HTTP/1.1
Content-type: application/json

{
   "clientToken": "string",
   "detail": { ... },
   "policyType": "string",
   "principal": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to add a policy grant.

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

Required: Yes

entityIdentifier

The ID of the entity (resource) to which you want to add a policy grant.

Required: Yes

entityType

The type of entity (resource) to which the grant is added.

Valid Values: `DOMAIN_UNIT | ENVIRONMENT_BLUEPRINT_CONFIGURATION | ENVIRONMENT_PROFILE | ASSET_TYPE`

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

detail

The details of the policy grant.

Type: PolicyGrantDetail object

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

Required: Yes

policyType

The type of policy that you want to grant.

Type: String

Valid Values: `CREATE_DOMAIN_UNIT | OVERRIDE_DOMAIN_UNIT_OWNERS | ADD_TO_PROJECT_MEMBER_POOL | OVERRIDE_PROJECT_OWNERS | CREATE_GLOSSARY | CREATE_FORM_TYPE | CREATE_ASSET_TYPE | CREATE_PROJECT | CREATE_ENVIRONMENT_PROFILE | DELEGATE_CREATE_ENVIRONMENT_PROFILE | CREATE_ENVIRONMENT | CREATE_ENVIRONMENT_FROM_BLUEPRINT | CREATE_PROJECT_FROM_PROJECT_PROFILE | USE_ASSET_TYPE`

Required: Yes

principal

The principal to whom the permissions are granted.

Type: PolicyGrantPrincipal 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
Content-type: application/json

{
   "grantId": "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.

grantId

The ID of the policy grant that was added to a specified entity.

Type: String

Pattern: `[A-Za-z0-9+/]{10}`

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

InternalServerException

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 V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

AssociateEnvironmentRole

Associates the environment role in Amazon DataZone.

Request Syntax

```
PUT /v2/domains/domainIdentifier/environments/environmentIdentifier/
roles/environmentRoleArn 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 role is associated.

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

Required: Yes

environmentIdentifier

The ID of the Amazon DataZone environment.

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

Required: Yes

environmentRoleArn

The ARN of the environment role.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

AssociateGovernedTerms

Associates governed terms with an asset.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/associate-
governed-terms HTTP/1.1
Content-type: application/json

{
   "governedGlossaryTerms": [ "string" ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where governed terms are to be associated with an asset.

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

Required: Yes

entityIdentifier

The ID of the asset with which you want to associate a governed term.

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

Required: Yes

entityType

The type of the asset with which you want to associate a governed term.

Valid Values: `ASSET`

Required: Yes

Request Body

The request accepts the following data in JSON format.

governedGlossaryTerms

The glossary terms in a restricted glossary.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

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

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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

BatchGetAttributesMetadata

Gets the attribute metadata.

Request Syntax

```
GET /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/attributes-
metadata?attributeIdentifier=attributeIdentifiers&entityRevision=entityRevision
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

attributeIdentifiers

The attribute identifier.

Array Members: Minimum number of 1 item. Maximum number of 5 items.

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

Required: Yes

domainIdentifier

The domain ID where you want to get the attribute metadata.

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

Required: Yes

entityIdentifier

The entity ID for which you want to get attribute metadata.

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

Required: Yes

entityRevision

The entity revision for which you want to get attribute metadata.

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

entityType

The entity type for which you want to get attribute metadata.

Valid Values: `ASSET | LISTING`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "attributes": [
      {
         "attributeIdentifier": "string",
         "forms": [
            {
               "content": "string",
               "formName": "string",
               "typeName": "string",
               "typeRevision": "string"
            }
         ]
      }
   ],
   "errors": [
      {
         "attributeIdentifier": "string",
         "code": "string",
         "message": "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.

attributes

The results of the BatchGetAttributesMetadata action.

Type: Array of BatchGetAttributeOutput objects

errors

The errors generated when the BatchGetAttributesMetadata action is invoked.

Type: Array of AttributeError 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

InternalServerException

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

Examples

Example

This example illustrates how to get readme and metadata form for the attribute.

Sample Request

```
aws datazone batch-get-attributes-metadata \
--domain-identifier dzd-dn3htlki2g96xz \
--entity-identifier 4nzaanzjgwoisn \
--entity-type ASSET \
--attribute-identifiers "foodname" "attribute-id-2" \
--region us-east-1
```

Sample Response

```
{
"attributes": [{
    "attributeIdentifier": "foodname",
    "forms": [{
            "content": "{\"readMe\":\"readme testing\"}",
            "formName": "AttributeCommonFormType",
            "typeName": "AttributeCommonFormType",
            "typeRevision": "2"
        },
        {
```

```
                "content": "{\"testing_field\":\"name\"}",
                "formName": "testing_form",
                "typeName": "testing_form",
                "typeRevision": "3"
            }
        ]
    }],
    "errors": [{
        "attributeIdentifier": "attribute-id-2",
        "code": "404",
        "message": "Attribute 'attribute-id-2' not found"
    }]
}
```

See Also

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

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

BatchPutAttributesMetadata

Writes the attribute metadata.

Request Syntax

```
PUT /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/attributes-
metadata HTTP/1.1
Content-type: application/json

{
   "attributes": [
      {
         "attributeIdentifier": "string",
         "forms": [
            {
               "content": "string",
               "formName": "string",
               "typeIdentifier": "string",
               "typeRevision": "string"
            }
         ]
      }
   ],
   "clientToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The domain ID where you want to write the attribute metadata.

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

Required: Yes

entityIdentifier

The entity ID for which you want to write the attribute metadata.

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

Required: Yes

entityType

The entity type for which you want to write the attribute metadata.

Valid Values: `ASSET | LISTING`

Required: Yes

Request Body

The request accepts the following data in JSON format.

attributes

The attributes of the metadata.

Type: Array of AttributeInput objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Required: Yes

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
```

```
{
   "attributes": [
      {
         "attributeIdentifier": "string"
      }
   ],
   "errors": [
      {
         "attributeIdentifier": "string",
         "code": "string",
         "message": "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.

attributes

The results of the BatchPutAttributeMetadata action.

Type: Array of BatchPutAttributeOutput objects

errors

The errors generated when the BatchPutAttributeMetadata action is invoked.

Type: Array of AttributeError 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

InternalServerException

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

Examples

Example

This example illustrates how to update readme and metadata form for the attribute.

Sample Request

```
                    aws datazone batch-put-attributes-metadata \
                    --domain-identifier "dzd-dn3htlki2g96xz" \
                    --entity-identifier "4nzaanzjgwoisn" \
                    --entity-type "ASSET" \
                    --attributes '[
                       {
                          "attributeIdentifier": "foodname",
                          "forms": [
                          {
                             "formName": "AttributeCommonFormType",
                             "typeIdentifier":
"amazon.datazone.AttributeCommonFormType",
                             "content": "{\"readMe\":\"readme testing\"}"
                          },
                          {
                             "formName": "testing_form",
                             "typeIdentifier": "testing_form",
                             "typeRevision": "3",
                             "content": "{\"testing_field\":\"name\"}"
                          }
                          ]
                       }
                    ]' \
                    --client-token "ahwgcuywagcuywgtuyqfctyfq" \
                    --region us-east-1
```

Sample Response

```
                {
    "attributes": [{
        "attributeIdentifier": "foodname"
    }]
}
```

See Also

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

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

CancelMetadataGenerationRun

Cancels the metadata generation run.

Prerequisites:

- The run must exist and be in a cancelable status (e.g., SUBMITTED, IN_PROGRESS).
- Runs in SUCCEEDED status cannot be cancelled.
- User must have access to the run and cancel permissions.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of CancelMetadataGenerationRun.

Sample Request

```
aws datazone cancel-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "mgr5g0fy285m1q"
```

Example

Failure case - validation error - succeeded cannot be cancelled:

Sample Request

```
aws datazone cancel-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "mgr3tlpxo4mg5q"
```

Sample Response

```
An error occurred (ValidationException) when calling the CancelMetadataGenerationRun
 operation: The MetadataGenerationRun in SUCCEEDED status cannot be canceled.
```

Example

Failure case - validation error - succeeded cannot be cancelled:

Sample Request

```
aws datazone cancel-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "mgr_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the
 CancelMetadataGenerationRun operation: Requested prediction cannot be found in domain
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone cancel-metadata-generation-run
```

Sample Response

```
aws: error: the following arguments are required: —domain-identifier, —identifier
```

See Also

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

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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 subscripton 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateAccountPool

Creates an account pool.

Request Syntax

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

{
   "accountSource": { ... },
   "description": "string",
   "name": "string",
   "resolutionStrategy": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the account pool is created.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

accountSource

The source of accounts for the account pool. In the current release, it's either a static list of accounts provided by the customer or a custom AWS Lambda handler.

Type: AccountSource object

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

Required: Yes

description

The description of the account pool.

Type: String

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

Required: No

name

The name of the account pool.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

resolutionStrategy

The mechanism used to resolve the account selection from the account pool.

Type: String

Valid Values: `MANUAL`

Required: Yes

Response Syntax

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

{
   "accountSource": { ... },
   "createdAt": "string",
   "createdBy": "string",
```

```
    "description": "string",
    "domainId": "string",
    "domainUnitId": "string",
    "id": "string",
    "lastUpdatedAt": "string",
    "name": "string",
    "resolutionStrategy": "string",
    "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.

accountSource

The source of accounts for the account pool. In the current release, it's either a static list of accounts provided by the customer or a custom AWS Lambda handler.

Type: AccountSource object

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

createdAt

The timestamp at which the account pool was created.

Type: Timestamp

createdBy

The user who created the account pool.

Type: String

description

The description of the account pool.

Type: String

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

domainId

The ID of the domain where the account pool is created.

Type: String

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

domainUnitId

The ID of the domain where the account pool is created.

Type: String

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

Pattern: `[a-z0-9_\-]+`

id

The ID of the account pool.

Type: String

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

lastUpdatedAt

The timestamp at which the account pool was last updated.

Type: Timestamp

name

The name of the account pool.

Type: String

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

Pattern: `[\w -]+`

resolutionStrategy

The mechanism used to resolve the account selection from the account pool.

Type: String

Valid Values: MANUAL

updatedBy

The user who last updated the account pool.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateAsset

Creates an asset in Amazon DataZone catalog.

Before creating assets, make sure that the following requirements are met:

- `--domain-identifier` must refer to an existing domain.
- `--owning-project-identifier` must be a valid project within the domain.
- Asset type must be created beforehand using `create-asset-type`, or be a supported system-defined type. For more information, see create-asset-type.
- `--type-revision` (if used) must match a valid revision of the asset type.
- `formsInput` is required when it is associated as required in the `asset-type`. For more information, see create-form-type.
- Form content must include all required fields as per the form schema (e.g., `bucketArn`).

You must invoke the following pre-requisite commands before invoking this API:

- CreateFormType
- CreateAssetType

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.

If the value for the `externalIdentifier` parameter is specified, it must be a unique value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 600.

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" ],
   "governedGlossaryTerms": [ "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 600.

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}`

governedGlossaryTerms

The glossary terms in a restricted glossary.

Type: Array of strings

Array Members: Minimum number of 0 items. 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

InternalServerException

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

Examples

Example

Basic asset creation:

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "customeranalytics2023" \
--owning-project-identifier "prj9vn4wxyz8k2m" \
--type-identifier "amazon.datazone.S3ObjectCollectionAssetType" \
--forms-input '[{
  "formName": "S3ObjectCollectionForm",
  "typeIdentifier": "amazon.datazone.S3ObjectCollectionFormType",
  "content": "{\"bucketArn\":\"arn:aws:s3:::analytics-data-bucket\"}"
```

```
}]'
```

Sample Response

```
{
    "createdAt": 1752566607.769,
    "createdBy": "usr26dad7d796cc",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1752566607.769,
    "firstRevisionCreatedBy": "usr26dad7d796cc",
    "formsOutput": [{
        "content": "{\"bucketArn\":\"arn:aws:s3:::analytics-data-bucket\"}",
        "formName": "S3ObjectCollectionForm",
        "typeName": "amazon.datazone.S3ObjectCollectionFormType"
    }],
    "id": "ast7k9mpq2xvn4w",
    "name": "customeranalytics2023",
    "owningProjectId": "prj9vn4wxyz8k2m",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "amazon.datazone.S3ObjectCollectionAssetType",
    "typeRevision": "13"
}
```

Example

Missing required parameter – `--domain-identifier`

Sample Request

```
aws datazone create-asset \
--name "analytics-missing-domain" \
--owning-project-identifier "prj9vn4wxyz8k2m" \
--type-identifier "amazon.datazone.S3ObjectCollectionAssetType" \
--forms-input '[{...}]'
```

Sample Response

```
    aws: error: the following arguments are required: —domain-identifier
```

Example

Invalid parameter:

Sample Request

```
  aws datazone create-asset \
  --domain-identifier "invalid-domain" \
  --owning-project-identifier "prjabc123" \
  --name "Asset2" \
  --type-identifier "my.type"
```

Sample Response

```
An error occurred (ValidationException) when calling the CreateAsset operation: 1
 validation error detected: Value at 'domainIdentifier' failed to satisfy constraint:
 Member must satisfy regular expression pattern: dzd[-_][a-zA-Z0-9_-]{1,36}
```

Example

Non-existent asset type:

Sample Request

```
  aws datazone create-asset \
  --domain-identifier "dzd_53ielnpxktdilj" \
  --name "analytics-invalid-type" \
  --owning-project-identifier "prj9vn4wxyz8k2m" \
  --type-identifier "non.existent.assetType" \
  --forms-input '[{
    "formName": "S3ObjectCollectionForm",
    "typeIdentifier": "amazon.datazone.S3ObjectCollectionFormType",
    "content": "{\"bucketArn\":\"arn:aws:s3:::analytics-data-bucket\"}"
}]'
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the CreateAsset operation:
 The given Asset's input resource doesn't exist. Try creating Asset's input resource
 before accessing it.
```

Example

Invalid Form JSON (`--forms-input`)

Sample Request

```
  aws datazone create-asset \
  --domain-identifier "dzd_53ielnpxktdilj" \
  --name "analytics-invalid-json" \
  --owning-project-identifier "prj9vn4wxyz8k2m" \
  --type-identifier "amazon.datazone.S3ObjectCollectionAssetType" \
  --forms-input '[{formName: "S3ObjectCollectionForm", typeIdentifier:
 "amazon.datazone.S3ObjectCollectionFormType", content: {"bucketArn":
 "arn:aws:s3:::bucket"}}]'
```

Sample Response

```
Error parsing parameter '--forms-input': Invalid JSON: Expecting property name enclosed
 in double quotes: line 1 column 3 (char 2)

JSON received: [{formName: "S3ObjectCollectionForm", typeIdentifier:
 "amazon.datazone.S3ObjectCollectionFormType", content: {"bucketArn":
 "arn:aws:s3:::bucket"}}]
```

Example

Create an asset - Amazon Bedrock chat app

Sample Request

```
  aws datazone create-asset \
  --domain-identifier "dzd_53ielnpxktdilj" \
  --owning-project-identifier "prj7nx82mkl" \
  --name "CustomerSupportAIAssistant" \
  --type-identifier "dzd_53ielnpxktdilj.BedrockChatApp" \
  --type-revision "1" \
  --forms-input '[{
    "formName": "BedrockChatAppForm",
    "content": "{\"modelId\": \"anthropic.claude-v2\", \"temperature\": 0.7,
 \"maxTokens\": 500}",
    "typeIdentifier": "dzd_53ielnpxktdilj.BedrockChatAppForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753270675.429,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753270675.429,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"modelId\": \"anthropic.claude-v2\", \"temperature\": 0.7,
 \"maxTokens\": 500}",
            "formName": "BedrockChatAppForm",
            "typeName": "BedrockChatAppForm",
            "typeRevision": "2"
        }
    ],
    "id": "ast4gxn2ffpxdm",
    "name": "CustomerSupportAIAssistant",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "BedrockChatApp",
    "typeRevision": "1"
```

```
}
```

Example

Create an asset - Amazon Bedrock flow app:

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "InvoiceProcessingWorkflow" \
--type-identifier "dzd_53ielnpxktdilj.BedrockWorkflow" \
--type-revision "1" \
--forms-input '[{
    "formName": "BedrockWorkflowForm",
    "content": "{\"steps\": [\"extract_text\", \"classify_document\",
 \"extract_entities\", \"validate_data\"]}",
    "typeIdentifier": "dzd_53ielnpxktdilj.BedrockWorkflowForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753270689.776,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753270689.776,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"steps\": [\"extract_text\", \"classify_document\",
 \"extract_entities\", \"validate_data\"]}",
            "formName": "BedrockWorkflowForm",
            "typeName": "BedrockWorkflowForm",
            "typeRevision": "2"
        }
```

```
    ],
    "id": "ast44yf27731ur",
    "name": "InvoiceProcessingWorkflow",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "BedrockWorkflow",
    "typeRevision": "1"
}
```

Example

Create an asset - Amazon Bedrock inference only

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "TechnicalSupportKnowledgeBase" \
--type-identifier "dzd_53ielnpxktdilj.BedrockKnowledgeBase" \
--type-revision "1" \
--forms-input '[{
    "formName": "BedrockKnowledgeBaseForm",
    "content": "{\"dataSource\": \"s3://tech-support-docs/\", \"indexName\":
 \"tech_support_index\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.BedrockKnowledgeBaseForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753270842.041,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753270842.041,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
```

```
        {
            "content": "{\"dataSource\": \"s3://tech-support-docs/\", \"indexName\":
 \"tech_support_index\"}",
            "formName": "BedrockKnowledgeBaseForm",
            "typeName": "BedrockKnowledgeBaseForm",
            "typeRevision": "2"
        }
    ],
    "id": "ast5w2trvqopfk",
    "name": "TechnicalSupportKnowledgeBase",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "BedrockKnowledgeBase",
    "typeRevision": "1"
}
```

Example

Create an asset - Amazon Bedrock model

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "SentimentAnalysisModel" \
--type-identifier "dzd_53ielnpxktdilj.BedrockModel" \
--type-revision "1" \
--forms-input '[{
    "formName": "BedrockModelForm",
    "content": "{\"modelId\": \"amazon.titan-text-express-v1\", \"customizationType\":
 \"finetuning\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.BedrockModelForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753270853.652,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753270853.652,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"modelId\": \"amazon.titan-text-express-v1\",
 \"customizationType\": \"finetuning\"}",
            "formName": "BedrockModelForm",
            "typeName": "BedrockModelForm",
            "typeRevision": "2"
        }
    ],
    "id": "astdk05pzppwhv",
    "name": "SentimentAnalysisModel",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "BedrockModel",
    "typeRevision": "1"
}
```


Example

Create an asset - Amazon Bedrock prompt

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "ProductDescriptionGenerator" \
--type-identifier "dzd_53ielnpxktdilj.BedrockPromptTemplate" \
--type-revision "1" \
--forms-input '[{
    "formName": "BedrockPromptTemplateForm",
    "content": "{\"template\": \"Generate a compelling product description for
 {product_name} with the following features: {features}\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.BedrockPromptTemplateForm",
```

```
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753270863.161,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753270863.161,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"template\": \"Generate a compelling product description for
 {product_name} with the following features: {features}\"}",
            "formName": "BedrockPromptTemplateForm",
            "typeName": "BedrockPromptTemplateForm",
            "typeRevision": "2"
        }
    ],
    "id": "astcry10k3efgf",
    "name": "ProductDescriptionGenerator",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "BedrockPromptTemplate",
    "typeRevision": "1"
}
```

Example

Create an asset - Databricks table

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
```

```
--name "CustomerBehaviorAnalytics" \
--type-identifier "DatabricksTableAssetTypeV2" \
--type-revision "1" \
--forms-input '[{
    "formName": "DatabricksTableForm",
    "content": "{\"name\": \"customer_behavior_analysis\", \"test\": true, \"database
\": \"retail_analytics\", \"schema\": \"customer_insights\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.DatabricksTableForm",
    "typeRevision": "4"
}]'
```

Sample Response


```
{
    "createdAt": 1753271593.735,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271593.735,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"name\":\"customer_behavior_analysis\",\"test\":true,
\"database\":\"retail_analytics\",\"schema\":\"customer_insights\"}",
            "formName": "DatabricksTableForm",
            "typeName": "DatabricksTableForm",
            "typeRevision": "4"
        }
    ],
    "id": "ast412igce0pf5",
    "name": "CustomerBehaviorAnalytics",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "DatabricksTableAssetTypeV2",
    "typeRevision": "1"
}
```


Example

Create an asset - Databricks view

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "CustomerEngagementMetrics" \
--type-identifier "DatabricksViewAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "DatabricksViewForm",
    "content": "{\"viewName\": \"customer_engagement_metrics\", \"isMaterialized\":
 true, \"database\": \"retail_analytics\", \"refreshSchedule\": \"DAILY\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.DatabricksViewForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753270961.273,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753270961.273,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"viewName\":\"customer_engagement_metrics\",\"isMaterialized
\":true,\"database\":\"retail_analytics\",\"refreshSchedule\":\"DAILY\"}",
            "formName": "DatabricksViewForm",
            "typeName": "DatabricksViewForm",
            "typeRevision": "2"
        }
    ],
    "id": "astbtcn00ocng5",
    "name": "CustomerEngagementMetrics",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "DatabricksViewAssetType",
    "typeRevision": "1"
```

```
}
```

Example

Create an asset - AWS Glue table

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "RetailSalesTransactions" \
--type-identifier "amazon.datazone.GlueTableAssetType" \
--forms-input '[{
    "formName": "GlueTableForm",
    "typeIdentifier": "amazon.datazone.GlueTableFormType",
    "typeRevision": "13",
    "content": "{\"databaseName\":\"retail_analytics\",\"tableName\":
\"sales_transactions\",\"catalogId\":\"123456789012\",\"region\":\"us-east-1\",
\"tableArn\":\"arn:aws:glue:us-east-1:123456789012:table/retail_analytics/
sales_transactions\",\"columns\":[{\"columnName\":\"transaction_date\",\"dataType\":
\"timestamp\",\"description\":\"Date and time of sale\"},{\"columnName\":\"store_id\",
\"dataType\":\"string\",\"description\":\"Unique store identifier\"},{\"columnName\":
\"product_id\",\"dataType\":\"string\",\"description\":\"Product SKU\"},{\"columnName
\":\"quantity_sold\",\"dataType\":\"int\",\"description\":\"Units sold\"},{\"columnName
\":\"sale_amount\",\"dataType\":\"decimal\",\"description\":\"Total sale amount\"},
{\"columnName\":\"payment_method\",\"dataType\":\"string\",\"description\":\"Payment
 type used\"}]}"
}]'
```

Sample Response

```
{
    "createdAt": 1753271465.56,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271465.56,
    "firstRevisionCreatedBy": "usr7nx82mkl",
```

```
    "formsOutput": [
        {
            "content": "{\"databaseName\":\"retail_analytics\",\"tableName\":
\"sales_transactions\",\"catalogId\":\"123456789012\",\"region\":\"us-east-1\",
\"tableArn\":\"arn:aws:glue:us-east-1:123456789012:table/retail_analytics/
sales_transactions\",\"columns\":[{\"columnName\":\"transaction_date\",\"dataType\":
\"timestamp\",\"description\":\"Date and time of sale\"},{\"columnName\":\"store_id\",
\"dataType\":\"string\",\"description\":\"Unique store identifier\"},{\"columnName\":
\"product_id\",\"dataType\":\"string\",\"description\":\"Product SKU\"},{\"columnName
\":\"quantity_sold\",\"dataType\":\"int\",\"description\":\"Units sold\"},{\"columnName
\":\"sale_amount\",\"dataType\":\"decimal\",\"description\":\"Total sale amount\"},
{\"columnName\":\"payment_method\",\"dataType\":\"string\",\"description\":\"Payment
 type used\"}]}",
            "formName": "GlueTableForm",
            "typeName": "amazon.datazone.GlueTableFormType",
            "typeRevision": "13"
        }
    ],
    "id": "ast5lm7ud5m6km",
    "name": "RetailSalesTransactions",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "amazon.datazone.GlueTableAssetType",
    "typeRevision": "19"
}
```


Example

Create an asset - Amazon Redshift table

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "CustomerTransactionHistory" \
--type-identifier "RedshiftTableAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "RedshiftTableForm",
```

```
    "content": "{\"tableName\": \"customer_transactions\", \"isPartitioned\": true,
 \"partitionKey\": \"transaction_date\", \"schema\": \"retail\", \"database\":
 \"analytics_db\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.RedshiftTableForm",
    "typeRevision": "2"
}]'
```

```
{
    "createdAt": 1753271106.79,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271106.79,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"tableName\":\"customer_transactions\",\"isPartitioned
\":true,\"partitionKey\":\"transaction_date\",\"schema\":\"retail\",\"database\":
\"analytics_db\"}",
            "formName": "RedshiftTableForm",
            "typeName": "RedshiftTableForm",
            "typeRevision": "2"
        }
    ],
    "id": "ast3iwa3n9kwd6",
    "name": "CustomerTransactionHistory",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "RedshiftTableAssetType",
    "typeRevision": "1"
}
```

Example

Create an asset - Amazon Redshift view

Sample Request

```
aws datazone create-asset \
```

```
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "MonthlyCustomerMetricsView" \
--type-identifier "RedshiftViewAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "RedshiftViewForm",
    "content": "{\"viewName\": \"monthly_customer_metrics\", \"isMaterialized\": true,
 \"schema\": \"analytics\", \"database\": \"retail_db\", \"refreshSchedule\": \"WEEKLY
\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.RedshiftViewForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753271116.838,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271116.838,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"viewName\":\"monthly_customer_metrics\",\"isMaterialized
\":true,\"schema\":\"analytics\",\"database\":\"retail_db\",\"refreshSchedule\":
\"WEEKLY\"}",
            "formName": "RedshiftViewForm",
            "typeName": "RedshiftViewForm",
            "typeRevision": "2"
        }
    ],
    "id": "ast6e7i1ieksu2",
    "name": "MonthlyCustomerMetricsView",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "RedshiftViewAssetType",
    "typeRevision": "1"
}
```

Example

Create an asset - Amazon S3 object collection

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "MarketingCampaignData" \
--owning-project-identifier "prj7nx82mkl" \
--type-identifier "amazon.datazone.S3ObjectCollectionAssetType" \
--forms-input '[{
    "formName": "S3ObjectCollectionForm",
    "typeIdentifier": "amazon.datazone.S3ObjectCollectionFormType",
    "content": "{\"bucketArn\":\"arn:aws:s3:::marketing-analytics-data\"}"
}]'
```

Sample Response

```
{
    "createdAt": 1752566607.769,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1752566607.769,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [{
        "content": "{\"bucketArn\":\"arn:aws:s3:::marketing-analytics-data\"}",
        "formName": "S3ObjectCollectionForm",
        "typeName": "amazon.datazone.S3ObjectCollectionFormType"
    }],
    "id": "ast6js4t0dhjj",
    "name": "MarketingCampaignData",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "amazon.datazone.S3ObjectCollectionAssetType",
    "typeRevision": "13"
}
```

Example

Create an asset - Snowflake table

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "ProductCatalogTable" \
--type-identifier "SnowflakeTableAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "SnowflakeTableForm",
    "content": "{\"tableName\": \"product_catalog\", \"isPartitioned\": false, \"schema
\": \"inventory\", \"warehouse\": \"analytics_wh\", \"database\": \"retail_ops\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.SnowflakeTableForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753271227.293,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271227.293,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"tableName\":\"product_catalog\",\"isPartitioned\":false,
\"schema\":\"inventory\",\"warehouse\":\"analytics_wh\",\"database\":\"retail_ops\"}",
            "formName": "SnowflakeTableForm",
            "typeName": "SnowflakeTableForm",
            "typeRevision": "2"
        }
    ],
    "id": "astaq1726wu6o4",
    "name": "ProductCatalogTable",
    "owningProjectId": "prj7nx82mkl",
```

```
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "SnowflakeTableAssetType",
    "typeRevision": "1"
}
```

Example

Create an asset - Snowflake view

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "OrderSummaryView" \
--type-identifier "SnowflakeViewAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "SnowflakeViewForm",
    "content": "{\"viewName\": \"order_summary\", \"isMaterialized\": true, \"schema
\": \"sales\", \"warehouse\": \"reporting_wh\", \"database\": \"retail_ops\",
 \"refreshSchedule\": \"DAILY\"}",
    "typeIdentifier": "dzd_53ielnpxktdilj.SnowflakeViewForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753271243.513,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271243.513,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
```

```
            "content": "{\"viewName\":\"order_summary\",\"isMaterialized\":true,
\"schema\":\"sales\",\"warehouse\":\"reporting_wh\",\"database\":\"retail_ops\",
\"refreshSchedule\":\"DAILY\"}",
            "formName": "SnowflakeViewForm",
            "typeName": "SnowflakeViewForm",
            "typeRevision": "2"
        }
    ],
    "id": "ast6ip7bou5vkj",
    "name": "OrderSummaryView",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "SnowflakeViewAssetType",
    "typeRevision": "1"
}
```

Example

Create an asset Amazon SageMaker feature group

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "CustomerChurnPredictionFeatures" \
--type-identifier "SageMakerFeatureGroupAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "SageMakerFeatureGroupForm",
    "content": "{\"name\": \"customer_churn_features\", \"description\": \"Features
 for predicting customer churn\", \"recordIdentifierFeatureName\": \"customer_id
\", \"eventTimeFeatureName\": \"last_interaction_date\", \"onlineStoreConfig
\": {\"enableOnlineStore\": true}, \"offlineStoreConfig\": {\"s3StorageConfig
\": {\"s3Uri\": \"s3://sagemaker-featurestore-123456789012/customer-churn/\"},
 \"disableGlueTableCreation\": false}, \"tags\": [{\"Key\": \"Project\", \"Value\":
 \"ChurnPrediction\"}]}",
    "typeIdentifier": "dzd_53ielnpxktdilj.SageMakerFeatureGroupForm",
    "typeRevision": "2"
}]'
```

Sample Response


```
{
    "createdAt": 1753271260.976,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271260.976,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"name\":\"customer_churn_features\",\"description
\":\"Features for predicting customer churn\",\"recordIdentifierFeatureName\":
\"customer_id\",\"eventTimeFeatureName\":\"last_interaction_date\",\"onlineStoreConfig
\":{\"enableOnlineStore\":true},\"offlineStoreConfig\":{\"s3StorageConfig
\":{\"s3Uri\":\"s3://sagemaker-featurestore-123456789012/customer-churn/\"},
\"disableGlueTableCreation\":false},\"tags\":[{\"Key\":\"Project\",\"Value\":
\"ChurnPrediction\"}]}",
            "formName": "SageMakerFeatureGroupForm",
            "typeName": "SageMakerFeatureGroupForm",
            "typeRevision": "2"
        }
    ],
    "id": "astb4lyqqkwuto",
    "name": "CustomerChurnPredictionFeatures",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "SageMakerFeatureGroupAssetType",
    "typeRevision": "1"
}
```


Example

Create an asset - Amazon SageMaker model package group

Sample Request

```
aws datazone create-asset \
```

```
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "ChurnPredictionModelPackages" \
--type-identifier "SageMakerModelPackageGroupAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "SageMakerModelPackageGroupForm",
    "content": "{\"modelPackageGroupName\": \"churn-prediction-models\",
 \"modelPackageGroupDescription\": \"Model packages for customer churn prediction\",
 \"tags\": [{\"Key\": \"Department\", \"Value\": \"CustomerRetention\"}]}",
    "typeIdentifier": "dzd_53ielnpxktdilj.SageMakerModelPackageGroupForm",
    "typeRevision": "2"
}]'
```

Sample Response

```
{
    "createdAt": 1753271283.422,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271283.422,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"modelPackageGroupName\":\"churn-prediction-models\",
\"modelPackageGroupDescription\":\"Model packages for customer churn prediction\",
\"tags\":[{\"Key\":\"Department\",\"Value\":\"CustomerRetention\"}]}",
            "formName": "SageMakerModelPackageGroupForm",
            "typeName": "SageMakerModelPackageGroupForm",
            "typeRevision": "2"
        }
    ],
    "id": "astcrohevshltl",
    "name": "ChurnPredictionModelPackages",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "SageMakerModelPackageGroupAssetType",
    "typeRevision": "1"
}
```

Example

Create an asset - data product

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "Customer360DataProduct" \
--description "Comprehensive 360-degree view of customer data for analytics and
 personalization" \
--type-identifier "DataProductAssetType" \
--type-revision "1" \
--forms-input '[{
    "formName": "DataProductMetadataForm",
    "content": "{\"name\": \"customer_360_view\", \"description\": \"Unified
 customer data across all touchpoints\", \"owner\": \"Customer Intelligence
 Team\", \"dataSources\": [\"CRM\", \"WebAnalytics\", \"TransactionHistory\",
 \"SupportTickets\"], \"updateFrequency\": \"Daily\", \"dataRetentionPeriod\": \"3
 years\", \"accessControl\": \"Restricted\", \"dataQuality\": {\"completeness\": 98,
 \"accuracy\": 99, \"consistency\": 97}}",
    "typeIdentifier": "dzd_53ielnpxktdilj.DataProductMetadataForm",
    "typeRevision": "1"
}]'
```

Sample Response

```
{
    "createdAt": 1753271355.609,
    "createdBy": "usr7nx82mkl",
    "description": "Comprehensive 360-degree view of customer data for analytics and
 personalization",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271355.609,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"name\":\"customer_360_view\",\"description\":\"Unified
 customer data across all touchpoints\",\"owner\":\"Customer Intelligence Team\",
```

```
\"dataSources\":[\"CRM\",\"WebAnalytics\",\"TransactionHistory\",\"SupportTickets
\"],\"updateFrequency\":\"Daily\",\"dataRetentionPeriod\":\"3 years\",\"accessControl
\":\"Restricted\",\"dataQuality\":{\"completeness\":98,\"accuracy\":99,\"consistency
\":97}}",
            "formName": "DataProductMetadataForm",
            "typeName": "DataProductMetadataForm",
            "typeRevision": "1"
        }
    ],
    "id": "ast6ik301sa28t",
    "name": "Customer360DataProduct",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "DataProductAssetType",
    "typeRevision": "1"
}
```

Example

Create an asset - AWS Glue view

Sample Request

```
aws datazone create-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "DailyStoreSalesAnalysis" \
--type-identifier "amazon.datazone.GlueViewAssetType" \
--forms-input '[{
    "formName": "GlueViewForm",
    "content": "{\"databaseName\":\"retail_analytics\",\"tableName\":
\"daily_store_sales\",\"catalogId\":\"123456789012\",\"region\":\"us-east-1\",
\"tableArn\":\"arn:aws:glue:us-east-1:123456789012:table/retail_analytics/
daily_store_sales\",\"columns\":[{\"columnName\":\"date\",\"dataType\":\"date\",
\"description\":\"Sale date\"},{\"columnName\":\"store_id\",\"dataType\":\"string\",
\"description\":\"Store identifier\"},{\"columnName\":\"total_sales\",\"dataType\":
\"decimal\",\"description\":\"Total daily sales\"},{\"columnName\":\"transaction_count
\",\"dataType\":\"int\",\"description\":\"Number of transactions\"}]}",
    "typeIdentifier": "amazon.datazone.GlueViewFormType",
    "typeRevision": "12"
```

```
}]'
```

Sample Response

```
{
    "createdAt": 1753271539.275,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1753271539.275,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [
        {
            "content": "{\"databaseName\":\"retail_analytics\",\"tableName\":
\"daily_store_sales\",\"catalogId\":\"123456789012\",\"region\":\"us-east-1\",
\"tableArn\":\"arn:aws:glue:us-east-1:123456789012:table/retail_analytics/
daily_store_sales\",\"columns\":[{\"columnName\":\"date\",\"dataType\":\"date\",
\"description\":\"Sale date\"},{\"columnName\":\"store_id\",\"dataType\":\"string\",
\"description\":\"Store identifier\"},{\"columnName\":\"total_sales\",\"dataType\":
\"decimal\",\"description\":\"Total daily sales\"},{\"columnName\":\"transaction_count
\",\"dataType\":\"int\",\"description\":\"Number of transactions\"}]}",
            "formName": "GlueViewForm",
            "typeName": "amazon.datazone.GlueViewFormType",
            "typeRevision": "12"
        }
    ],
    "id": "astd1bi0vd0mf0",
    "name": "DailyStoreSalesAnalysis",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "amazon.datazone.GlueViewAssetType",
    "typeRevision": "18"
}
```

See Also

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

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateAssetFilter

Creates a data asset filter.

Asset filters provide a sophisticated way to create controlled views of data assets by selecting specific columns or applying row-level filters. This capability is crucial for organizations that need to share data while maintaining security and privacy controls. For example, your database might be filtered to show only non-PII fields to certain users, or sales data might be filtered by region for different regional teams. Asset filters enable fine-grained access control while maintaining a single source of truth.

Prerequisites:

- A valid domain (`--domain-identifier`) must exist.
- A data asset (`--asset-identifier`) must already be created under that domain.
- The asset must have the referenced columns available in its schema for column-based filtering.
- You cannot specify both (`columnConfiguration`, `rowConfiguration`)at the same time.

Request Syntax

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

{
   "clientToken": "string",
   "configuration": { ... },
   "description": "string",
   "name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assetIdentifier

The ID of the data asset.

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

Required: Yes

domainIdentifier

The ID of the domain in which you want to create an asset filter.

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

configuration

The configuration of the asset filter.

Type: AssetFilterConfiguration object

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

Required: Yes

description

The description of the asset filter.

Type: String

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

Required: No

name

The name of the asset filter.

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

{
   "assetId": "string",
   "configuration": { ... },
   "createdAt": number,
   "description": "string",
   "domainId": "string",
   "effectiveColumnNames": [ "string" ],
   "effectiveRowFilter": "string",
   "errorMessage": "string",
   "id": "string",
   "name": "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.

assetId

The ID of the asset.

Type: String

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

configuration

The configuration of the asset filter.

Type: AssetFilterConfiguration object

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

createdAt

The timestamp at which the asset filter was created.

Type: Timestamp

description

The description of the asset filter.

Type: String

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

domainId

The ID of the domain where the asset filter is created.

Type: String

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

effectiveColumnNames

The column names in the asset filter.

Type: Array of strings

effectiveRowFilter

The row filter in the asset filter.

Type: String

errorMessage

The error message that is displayed if the asset filter is not created successfully.

Type: String

id

The ID of the asset filter.

Type: String

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

name

The name of the asset filter.

Type: String

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

Pattern: `[\w -]+`

status

The status of the asset filter.

Type: String

Valid Values: `VALID | INVALID`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateAssetFilter.

Sample Request

```
aws datazone create-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--name "customer-pii-filter" \
--configuration '{
    "columnConfiguration": {
        "includedColumnNames": [
            "customer_id",
            "email",
            "phone_number",
            "address"
```

```
        ]
    }
}'
```

Sample Request

```
{
    "assetId": "ast7k9mpq2xvn4",
    "configuration": {
        "columnConfiguration": {
            "includedColumnNames": [
                "customer_id",
                "email",
                "phone_number",
                "address"
            ]
        }
    },
    "domainId": "dzd_53ielnpxktdilj",
    "effectiveColumnNames": [
        "customer_id",
        "email",
        "phone_number",
        "address"
    ],
    "id": "flt8p2mq3xvn5",
    "name": "customer-pii-filter",
    "status": "VALID"
}
```

Example

Failure case - missing required field: `--configuration`:

Sample Request

```
aws datazone create-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
```

```
--name "missing-config"
```

Sample Response

```
aws: error: the following arguments are required: —configuration
```

Example

Failure case - invalid JSON in `--configuration`

Sample Request

```
aws datazone create-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--name "invalid-json" \
--configuration '{ "columnConfiguration": { "includedColumnNames": ["customer_id",
 "email" }'
```

Sample Response

```
Error parsing parameter '--configuration': Invalid JSON: Expecting ',' delimiter: line
 1 column 65 (char 64)
JSON received: { "columnConfiguration": { "includedColumnNames": ["customer_id",
 "email" }
```

Example

Failure case - both `columnConfiguration` and `rowConfiguration` present

Sample Request

```
aws datazone create-asset-filter \
```

```
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--name "dual-config" \
--configuration '{
    "columnConfiguration": {
        "includedColumnNames": ["customer_id"]
    },
    "rowConfiguration": {
        "rowFilter": {
            "expression": {
                "equalTo": {
                    "columnName": "customer_id",
                    "value": "CUST123"
                }
            }
        }
    }
}'
```

Sample Response

```
Parameter validation failed:
Invalid number of parameters set for tagged union structure configuration. Can only set
 one of the following keys: columnConfiguration, rowConfiguration.
```

Example

Failure case - empty `includedColumnNames`:

Sample Request

```
aws datazone create-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--name "empty-columns" \
--configuration '{
    "columnConfiguration": {
        "includedColumnNames": []
    }
```

```
}'
```

Sample Response

```
An error occurred (ValidationException) when calling the CreateAssetFilter operation:
 Invalid column configuration. No valid columns found.
```

Example

Failure case - invalid key in `rowFilter` expression:

Sample Request

```
aws datazone create-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--name "invalid-row-key" \
--configuration '{
    "rowConfiguration": {
        "rowFilter": {
            "expression": {
                "invalidOperator": {
                    "columnName": "customer_id",
                    "value": "CUST123"
                }
            }
        }
    }
}'
```

Sample Response

```
Parameter validation failed:
Unknown parameter in configuration.rowConfiguration.rowFilter.expression:
 "invalidOperator", must be one of: equalTo, greaterThan, greaterThanOrEqualTo, in,
 isNotNull, isNull, lessThan, lessThanOrEqualTo, like, notEqualTo, notIn, notLike
```

Example

Failure case - missing `columnName` in row filter:

Sample Request

```
aws datazone create-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--name "missing-column-name" \
--configuration '{
    "rowConfiguration": {
        "rowFilter": {
            "expression": {
                "equalTo": {
                    "value": "CUST123"
                }
            }
        }
    }
}'
```

Sample Response

```
Parameter validation failed:
Missing required parameter in
 configuration.rowConfiguration.rowFilter.expression.equalTo: "columnName"
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateAssetRevision

Creates a revision of the asset.

Asset revisions represent new versions of existing assets, capturing changes to either the underlying data or its metadata. They maintain a historical record of how assets evolve over time, who made changes, and when those changes occurred. This versioning capability is crucial for governance and compliance, allowing organizations to track changes, understand their impact, and roll back if necessary.

Prerequisites:

- Asset must already exist in the domain with identifier.
- `formsInput` is required when asset has the form type. `typeRevision` should be the latest version of form type.
- The form content must include all required fields (e.g., `bucketArn` for `S3ObjectCollectionForm`).
- The owning project of the original asset must still exist and be active.
- User must have write access to the project and domain.

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

Te 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" ],
   "governedGlossaryTerms": [ "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 occured.

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 600.

firstRevisionCreatedAt

The timestamp of when the first asset revision occured.

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}`

governedGlossaryTerms

The glossary terms in a restricted glossary.

Type: Array of strings

Array Members: Minimum number of 0 items. 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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateAssetRevision.

Sample Request

```
aws datazone create-asset-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4" \
--name "CustomerDataset-v2" \
--forms-input '[
    {
        "formName": "S3ObjectCollectionForm",
        "typeIdentifier": "amazon.datazone.S3ObjectCollectionFormType",
        "typeRevision": "7",
        "content": "{\"bucketArn\":\"arn:aws:s3:::customer-analytics-data\"}"
    }
]'
```

Sample Response


```
{
    "createdAt": 1752601021.227,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1752554243.917,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [{
        "content": "{\"bucketArn\":\"arn:aws:s3:::customer-analytics-data\"}",
        "formName": "S3ObjectCollectionForm",
        "typeName": "amazon.datazone.S3ObjectCollectionFormType",
        "typeRevision": "7"
    }],
    "id": "ast7k9mpq2xvn4",
    "name": "CustomerDataset-v2",
    "owningProjectId": "prj7nx82mkl",
    "readOnlyFormsOutput": [],
```

```
    "revision": "2",
    "typeIdentifier": "amazon.datazone.S3ObjectCollectionAssetType",
    "typeRevision": "13"
}
```

Example

Failure case - invalid revision number for form input:

Sample Request

```
aws datazone create-asset-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4" \
--name "SalesTransactionsMart" \
--forms-input '[{
    "formName": "GlueTableForm",
    "typeIdentifier": "amazon.datazone.GlueTableFormType",
    "typeRevision": "12",
    "content": "{\"databaseName\":\"retail_analytics\",\"tableName\":
\"sales_transactions\",\"catalogId\":\"\",\"region\":\"us-east-1\",\"tableArn\":
\"arn:aws:glue:us-east-1:*:table/retail_analytics/sales_transactions\",\"columns
\":[{\"columnName\":\"transaction_id\",\"dataType\":\"string\"},{\"columnName
\":\"transaction_date\",\"dataType\":\"timestamp\"},{\"columnName\":\"product_id
\",\"dataType\":\"string\"},{\"columnName\":\"quantity\",\"dataType\":\"int\"},
{\"columnName\":\"total_amount\",\"dataType\":\"decimal\"}]}"
}]'
```

Sample Response

```
An error occurred (ValidationException) when calling the CreateAsset operation: Form
 GlueTableForm expected form amazon.datazone#GlueTableFormType@13 but was provided
 amazon.datazone#GlueTableFormType@12
```

Example

Failure case - invalid or missing `--domain-identifier`:

Sample Request

```
aws datazone create-asset-revision \
--domain-identifier "invalid_domain" \
--identifier "ast7k9mpq2xvn4" \
--name "CustomerDataset-v2" \
--forms-input '[]'
```

Sample Response

```
An error occurred (ValidationException) when calling the CreateAssetRevision operation:
 1 validation error detected: Value at 'domainIdentifier' failed to satisfy constraint:
 Member must satisfy regular expression pattern: dzd[-_][a-zA-Z0-9_-]{1,36}
```

Example

Failure case - unsupported form `typeIdentifier` or `typeRevision`:

Sample Request

```
aws datazone create-asset-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4" \
--name "CustomerDataset-v2" \
--forms-input 'INVALID_JSON'
```

Sample Response

```
Error parsing parameter '—forms-input': Expected: '=', received: 'EOF' for input:
{self._error_location()}
```

Example

Failure case - response does not exist:

Sample Request

```
aws datazone create-asset-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4" \
--name "CustomerDataset-v2" \
--forms-input '[
    {
        "formName": "InvalidForm",
        "typeIdentifier": "invalid.type.identifier",
        "typeRevision": "99",
        "content": "{}"
    }
]'
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the CreateAssetRevision
 operation: The given Asset doesn't exist. Try creating Asset before accessing it.
```

Example

Failure case - missing required `content` field:

Sample Request

```
aws datazone create-asset-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4" \
--name "CustomerDataset-v2" \
--forms-input '[
    {
        "formName": "S3ObjectCollectionForm",
        "typeIdentifier": "amazon.datazone.S3ObjectCollectionFormType",
        "typeRevision": "7"
    }
]'
```

Sample Response

```
An error occurred (ValidationException) when calling the CreateAssetRevision operation:
 $.S3ObjectCollectionForm.bucketArn: is missing but it is required
```

See Also

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

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

CreateAssetType

Creates a custom asset type.

Prerequisites:

- The `formsInput` field is required, however, can be passed as empty (e.g. `-forms-input {}`).
- You must have `CreateAssetType` permissions.
- The domain-identifier and owning-project-identifier must be valid and active.
- The name of the asset type must be unique within the domain — duplicate names will cause failure.
- JSON input must be valid — incorrect formatting causes Invalid JSON errors.

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 descripton 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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateAssetType.

Sample Request

```
aws datazone create-asset-type \ --domain-identifier "dzd_53ielnpxktdilj" \ --
owning-project-identifier "prj9vn4wxyz8k2m" \ --name "DataProductAssetType" \ --
forms-input '{ "DataProductMetadataForm": { "required": true, "typeIdentifier":
 "DataProductMetadataForm", "typeRevision": "1" } }'
```

Sample Response

```
{
    "description": "Asset type for Data Product using DataProductMetadataForm",
    "domainId": "dzd_53ielnpxktdilj",
    "formsOutput": {
        "AssetCommonDetailsForm": {
            "required": false,
            "typeName": "amazon.datazone.AssetCommonDetailsFormType",
            "typeRevision": "6"
        },
        "DataProductMetadataForm": {
            "required": true,
            "typeName": "DataProductMetadataForm",
            "typeRevision": "1"
        }
    },
    "name": "DataProductAssetType",
    "revision": "1"
}
```

Example

Failure case - missing `--forms-input`:

Sample Request

```
aws datazone create-asset-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "CustomerDataAssetType"
```

Sample Response

```
aws: error: the following arguments are required: –forms-input
```

Example

Failure case - invalid `typeIdentifier`:

Sample Request

```
aws datazone create-asset-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "CustomerDataAssetType" \
--forms-input '{
    "CustomerProfileForm": {
        "required": true,
        "typeIdentifier": "NonExistentFormType",
        "typeRevision": "1"
    }
}'
```

Sample Response

```
An error occurred (ValidationException) when calling the CreateAssetType operation:
 {"message":"Object type Form#dzd_53ielnpxktdilj#NonExistentFormType with version 1 not
 found"}
```

Example

Failure case - invalid JSON:

Sample Request

```
aws datazone create-asset-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "CustomerDataAssetType" \
--forms-input '{"CustomerProfileForm": {"required": true, "typeIdentifier":
 "CustomerProfileFormType", "typeRevision": 1'
```

Sample Response

```
Error parsing parameter '--forms-input': Invalid JSON: Expecting ',' delimiter: line 1
 column 77 (char 76)
JSON received: {"CustomerProfileForm": {"required": true, "typeIdentifier":
 "CustomerProfileFormType", "typeRevision": 1
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateConnection

Creates a new connection. In Amazon DataZone, a connection enables you to connect your resources (domains, projects, and environments) to external resources and services.

Request Syntax

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

{
   "awsLocation": {
      "accessRole": "string",
      "awsAccountId": "string",
      "awsRegion": "string",
      "iamConnectionId": "string"
   },
   "clientToken": "string",
   "description": "string",
   "enableTrustedIdentityPropagation": boolean,
   "environmentIdentifier": "string",
   "name": "string",
   "props": { ... },
   "scope": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the connection is created.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

awsLocation

The location where the connection is created.

Type: AwsLocation object

Required: No

clientToken

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

Type: String

Required: No

description

A connection description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: No

enableTrustedIdentityPropagation

Specifies whether the trusted identity propagation is enabled.

Type: Boolean

Required: No

environmentIdentifier

The ID of the environment where the connection is created.

Type: String

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

Required: No

name

The connection name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Required: Yes

props

The connection props.

Type: ConnectionPropertiesInput object

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

Required: No

scope

The scope of the connection.

Type: String

Valid Values: `DOMAIN | PROJECT`

Required: No

Response Syntax

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

{
   "connectionId": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "environmentId": "string",
   "name": "string",
   "physicalEndpoints": [
      {
         "awsLocation": {
            "accessRole": "string",
            "awsAccountId": "string",
            "awsRegion": "string",
            "iamConnectionId": "string"
         },
         "enableTrustedIdentityPropagation": boolean,
```

```
        "glueConnection": {
           "athenaProperties": {
              "string" : "string"
           },
           "authenticationConfiguration": {
              "authenticationType": "string",
              "oAuth2Properties": {
                 "authorizationCodeProperties": {
                    "authorizationCode": "string",
                    "redirectUri": "string"
                 },
                 "oAuth2ClientApplication": {
                    "aWSManagedClientApplicationReference": "string",
                    "userManagedClientApplicationClientId": "string"
                 },
                 "oAuth2Credentials": {
                    "accessToken": "string",
                    "jwtToken": "string",
                    "refreshToken": "string",
                    "userManagedClientApplicationClientSecret": "string"
                 },
                 "oAuth2GrantType": "string",
                 "tokenUrl": "string",
                 "tokenUrlParametersMap": {
                    "string" : "string"
                 }
              },
              "secretArn": "string"
           },
           "compatibleComputeEnvironments": [ "string" ],
           "connectionProperties": {
              "string" : "string"
           },
           "connectionSchemaVersion": number,
           "connectionType": "string",
           "creationTime": number,
           "description": "string",
           "lastConnectionValidationTime": number,
           "lastUpdatedBy": "string",
           "lastUpdatedTime": number,
           "matchCriteria": [ "string" ],
           "name": "string",
           "physicalConnectionRequirements": {
              "availabilityZone": "string",
```

```
                "securityGroupIdList": [ "string" ],
                "subnetId": "string",
                "subnetIdList": [ "string" ]
             },
             "pythonProperties": {
                "string" : "string"
             },
             "sparkProperties": {
                "string" : "string"
             },
             "status": "string",
             "statusReason": "string"
          },
          "glueConnectionName": "string",
          "host": "string",
          "port": number,
          "protocol": "string",
          "stage": "string"
       }
    ],
    "projectId": "string",
    "props": { ... },
    "scope": "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.

connectionId

The ID of the connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

description

The connection description.

Type: String

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

domainId

The ID of the domain where the connection is created.

Type: String

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

domainUnitId

The ID of the domain unit where the connection is created.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentId

The ID of the environment where the connection is created.

Type: String

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

name

The connection name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

physicalEndpoints

The physical endpoints of the connection.

Type: Array of PhysicalEndpoint objects

projectId

The ID of the project where the connection is created.

Type: String

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

props

The connection props.

Type: ConnectionPropertiesOutput object

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

scope

The scope of the connection.

Type: String

Valid Values: `DOMAIN | PROJECT`

type

The connection type.

Type: String

Valid Values: `ATHENA | BIGQUERY | DATABRICKS | DOCUMENTDB | DYNAMODB | HYPERPOD | IAM | MYSQL | OPENSEARCH | ORACLE | POSTGRESQL | REDSHIFT | S3 | SAPHANA | SNOWFLAKE | SPARK | SQLSERVER | TERADATA | VERTICA | WORKFLOWS_MWAA | AMAZON_Q | MLFLOW`

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

InternalServerException

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 V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateDataProduct

Creates a data product.

A data product is a comprehensive package that combines data assets with their associated metadata, documentation, and access controls. It's designed to serve specific business needs or use cases, making it easier for users to find and consume data appropriately. Data products include important information about data quality, freshness, and usage guidelines, effectively bridging the gap between data producers and consumers while ensuring proper governance.

Prerequisites:

- The domain must exist and be accessible.
- The owning project must be valid and active.
- The name must be unique within the domain (no existing data product with the same name).
- User must have create permissions for data products in the project.

Request Syntax

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

{
   "clientToken": "string",
   "description": "string",
   "formsInput": [
      {
         "content": "string",
         "formName": "string",
         "typeIdentifier": "string",
         "typeRevision": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "items": [
      {
         "glossaryTerms": [ "string" ],
         "identifier": "string",
         "itemType": "string",
         "revision": "string"
```

```
      }
   ],
   "name": "string",
   "owningProjectIdentifier": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the data product 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 the data product.

Type: String

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

Required: No

formsInput

The metadata forms of the data product.

Type: Array of FormInput objects

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

Required: No

glossaryTerms

The glossary terms of the data product.

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

items

The data assets of the data product.

Type: Array of DataProductItem objects

Array Members: Minimum number of 1 item.

Required: No

name

The name of the data product.

Type: String

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

Required: Yes

owningProjectIdentifier

The ID of the owning project of the data product.

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",
   "firstRevisionCreatedAt": number,
   "firstRevisionCreatedBy": "string",
   "formsOutput": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "id": "string",
   "items": [
      {
         "glossaryTerms": [ "string" ],
         "identifier": "string",
         "itemType": "string",
         "revision": "string"
      }
   ],
   "name": "string",
   "owningProjectId": "string",
   "revision": "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.

createdAt

The timestamp at which the data product was created.

Type: Timestamp

createdBy

The user who created the data product.

Type: String

description

The description of the data product.

Type: String

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

domainId

The ID of the domain where the data product lives.

Type: String

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

firstRevisionCreatedAt

The timestamp at which the first revision of the data product was created.

Type: Timestamp

firstRevisionCreatedBy

The user who created the first revision of the data product.

Type: String

formsOutput

The metadata forms of the data product.

Type: Array of FormOutput objects

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

glossaryTerms

The glossary terms of the data product.

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 data product.

Type: String

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

items

The data assets of the data product.

Type: Array of DataProductItem objects

Array Members: Minimum number of 1 item.

name

The name of the data product.

Type: String

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

owningProjectId

The ID of the owning project of the data product.

Type: String

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

revision

The revision of the data product.

Type: String

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

status

The status of the data product.

Type: String

Valid Values: `CREATED | CREATING | CREATE_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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateDataProduct.

Sample Request

```
aws datazone create-data-product \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "CustomerInsightsDataProduct" \
--owning-project-identifier "prj7nx82mkl"
```

Sample Response

```
{
    "createdAt": 1752602810.307,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1752602810.307,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [],
    "id": "dpd9m3nqx2wkfp",
    "name": "CustomerInsightsDataProduct",
    "owningProjectId": "prj7nx82mkl",
    "revision": "1",
```

```
    "status": "CREATED"
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone create-data-product \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "CustomerInsightsDataProduct"
```

Sample Response

```
aws: error: the following arguments are required: —owning-project-identifier
```

Example

Failure case - duplicate term:

Sample Request

```
aws datazone create-data-product \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "CustomerInsightsDataProduct" \
--owning-project-identifier "prj7nx82mkl"
```

Sample Response

```
An error occurred (ConflictException) when calling the CreateDataProduct operation:
 Conflict with dataProduct c5rerxaqjys59j
```

See Also

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

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

CreateDataProductRevision

Creates a data product revision.

Prerequisites:

- The original data product must exist in the given domain.
- User must have permissions on the data product.
- The domain must be valid and accessible.
- The new revision name must comply with naming constraints (if required).

Request Syntax

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

{
   "clientToken": "string",
   "description": "string",
   "formsInput": [
      {
         "content": "string",
         "formName": "string",
         "typeIdentifier": "string",
         "typeRevision": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "items": [
      {
         "glossaryTerms": [ "string" ],
         "identifier": "string",
         "itemType": "string",
         "revision": "string"
      }
   ],
   "name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the data product revision is created.

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

Required: Yes

identifier

The ID of the data product revision.

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 of the data product revision.

Type: String

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

Required: No

formsInput

The metadata forms of the data product revision.

Type: Array of FormInput objects

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

Required: No

glossaryTerms

The glossary terms of the data product 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

items

The data assets of the data product revision.

Type: Array of DataProductItem objects

Array Members: Minimum number of 1 item.

Required: No

name

The name of the data product revision.

Type: String

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

Required: Yes

Response Syntax

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

```
{
   "createdAt": number,
   "createdBy": "string",
   "description": "string",
   "domainId": "string",
   "firstRevisionCreatedAt": number,
   "firstRevisionCreatedBy": "string",
   "formsOutput": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "id": "string",
   "items": [
      {
         "glossaryTerms": [ "string" ],
         "identifier": "string",
         "itemType": "string",
         "revision": "string"
      }
   ],
   "name": "string",
   "owningProjectId": "string",
   "revision": "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.

createdAt

The timestamp at which the data product revision is created.

Type: Timestamp

createdBy

The user who created the data product revision.

Type: String

description

The description of the data product revision.

Type: String

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

domainId

The ID of the domain where data product revision is created.

Type: String

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

firstRevisionCreatedAt

The timestamp at which the first revision of the data product is created.

Type: Timestamp

firstRevisionCreatedBy

The user who created the first revision of the data product.

Type: String

formsOutput

The metadata forms of the data product revision.

Type: Array of FormOutput objects

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

glossaryTerms

The glossary terms of the data product 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 ID of the data product revision.

Type: String

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

items

The data assets of the data product revision.

Type: Array of DataProductItem objects

Array Members: Minimum number of 1 item.

name

The name of the data product revision.

Type: String

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

owningProjectId

The ID of the owning project of the data product revision.

Type: String

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

revision

The revision of the data product revision.

Type: String

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

status

The status of the data product revision.

Type: String

Valid Values: `CREATED | CREATING | CREATE_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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateDataProductRevision.

Sample Request

```
aws datazone create-data-product-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd9m3nqx2wkfp" \
--name "CustomerInsights-v2"
```

Sample Response

```
{
    "createdAt": 1752602995.424,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1752602810.307,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [],
    "id": "dpd9m3nqx2wkfp",
    "name": "CustomerInsights-v2",
    "owningProjectId": "prj7nx82mkl",
    "revision": "2",
    "status": "CREATED"
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone create-data-product-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
```

```
--name "CustomerInsights-v2"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

Example

Failure case - resource not found:

Sample Request

```
aws datazone create-data-product-revision \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd_nonexistent" \
--name "CustomerInsights-v2"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the
 CreateDataProductRevision operation: Requested dataProduct cannot be found in domain
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2

- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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": { ... },
   "connectionIdentifier": "string",
   "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

connectionIdentifier

The ID of the connection.

Type: String

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

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

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

Required: No

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

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

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. In Amazon DataZone, you can use data sources to import technical metadata of assets (data) from the source databases or data warehouses into Amazon DataZone. In the current release of Amazon DataZone, you can create and run data sources for AWS Glue and Amazon Redshift.

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": { ... },
   "connectionId": "string",
   "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.

connectionId

The ID of the connection.

Type: String

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateDomain

Creates an Amazon DataZone domain.

Request Syntax

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

{
   "clientToken": "string",
   "description": "string",
   "domainExecutionRole": "string",
   "domainVersion": "string",
   "kmsKeyIdentifier": "string",
   "name": "string",
   "serviceRole": "string",
   "singleSignOn": {
      "idcInstanceArn": "string",
      "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

domainVersion

The version of the domain that is created.

Type: String

Valid Values: `V1 | V2`

Required: No

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}`

Required: No

name

The name of the Amazon DataZone domain.

Type: String

Required: Yes

serviceRole

The service role of the domain that is created.

Type: String

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

Required: No

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",
   "domainVersion": "string",
   "id": "string",
   "kmsKeyIdentifier": "string",
   "name": "string",
   "portalUrl": "string",
   "rootDomainUnitId": "string",
   "serviceRole": "string",
   "singleSignOn": {
      "idcInstanceArn": "string",
      "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+=,.@-]*`

domainVersion

The version of the domain that is created.

Type: String

Valid Values: `V1 | V2`

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

rootDomainUnitId

The ID of the root domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

serviceRole

Te service role of the domain that is created.

Type: String

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateDomainUnit

Creates a domain unit in Amazon DataZone.

Request Syntax

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

{
   "clientToken": "string",
   "description": "string",
   "name": "string",
   "parentDomainUnitIdentifier": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to crate a domain unit.

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 the domain unit.

Type: String

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

Required: No

name

The name of the domain unit.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

parentDomainUnitIdentifier

The ID of the parent domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: Yes

Response Syntax

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

{
   "ancestorDomainUnitIds": [ "string" ],
   "createdAt": number,
```

```
    "createdBy": "string",
    "description": "string",
    "domainId": "string",
    "id": "string",
    "name": "string",
    "owners": [
       { ... }
    ],
    "parentDomainUnitId": "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.

ancestorDomainUnitIds

The IDs of the ancestor domain units.

Type: Array of strings

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

Pattern: `[a-z0-9_\-]+`

createdAt

The timestamp at which the domain unit was created.

Type: Timestamp

createdBy

The user who created the domain unit.

Type: String

description

The description of the domain unit.

Type: String

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

domainId

The ID of the domain where the domain unit was created.

Type: String

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

id

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

name

The name of the domain unit.

Type: String

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

Pattern: `[\w -]+`

owners

The owners of the domain unit.

Type: Array of DomainUnitOwnerProperties objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

parentDomainUnitId

The ID of the parent domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateEnvironment

Create an Amazon DataZone environment.

Request Syntax

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

{
   "deploymentOrder": number,
   "description": "string",
   "environmentAccountIdentifier": "string",
   "environmentAccountRegion": "string",
   "environmentBlueprintIdentifier": "string",
   "environmentConfigurationId": "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.

deploymentOrder

The deployment order of the environment.

Type: Integer

Required: No

description

The description of the Amazon DataZone environment.

Type: String

Required: No

environmentAccountIdentifier

The ID of the account in which the environment is being created.

Type: String

Required: No

environmentAccountRegion

The region of the account in which the environment is being created.

Type: String

Required: No

environmentBlueprintIdentifier

The ID of the blueprint with which the environment is being created.

Type: String

Required: No

environmentConfigurationId

The configuration ID of the 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_-]{0,36}`

Required: No

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",
   "environmentConfigurationId": "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,
            "isUpdateSupported": 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}`

environmentConfigurationId

The configuration ID of the environment.

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_-]{0,36}`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateEnvironmentAction

Creates an action for the environment, for example, creates a console link for an analytics tool that is available in this environment.

Request Syntax

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

{
   "description": "string",
   "name": "string",
   "parameters": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

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

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

Required: Yes

environmentIdentifier

The ID of the environment in which the environment action is created.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the environment action that is being created in the environment.

Type: String

Required: No

name

The name of the environment action.

Type: String

Required: Yes

parameters

The parameters of the environment action.

Type: ActionParameters 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
Content-type: application/json

{
   "description": "string",
   "domainId": "string",
   "environmentId": "string",
   "id": "string",
   "name": "string",
   "parameters": { ... }
}
```

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 the environment action.

Type: String

domainId

The ID of the domain in which the environment action is created.

Type: String

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

environmentId

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

Type: String

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

id

The ID of the environment action.

Type: String

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

name

The name of the environment action.

Type: String

parameters

The parameters of the environment action.

Type: ActionParameters object

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateEnvironmentBlueprint

Creates a Amazon DataZone blueprint.

Request Syntax

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

{
   "description": "string",
   "name": "string",
   "provisioningProperties": { ... },
   "userParameters": [
      {
         "defaultValue": "string",
         "description": "string",
         "fieldType": "string",
         "isEditable": boolean,
         "isOptional": boolean,
         "isUpdateSupported": boolean,
         "keyName": "string"
      }
   ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the domain in which this blueprint 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 blueprint.

Type: String

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

Required: No

name

The name of this Amazon DataZone blueprint.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

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.

Required: Yes

userParameters

The user parameters of this Amazon DataZone blueprint.

Type: Array of CustomParameter objects

Required: No

Response Syntax

```
HTTP/1.1 201
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,
         "isUpdateSupported": 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.

createdAt

The timestamp at which the environment 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 Amazon DataZone 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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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,
            "isUpdateSupported": 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_-]{0,36}`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateFormType

Creates a metadata form type.

Prerequisites:

- The domain must exist and be in an ENABLED state.
- The owning project must exist and be accessible.
- The name must be unique within the domain.

For custom form types, to indicate that a field should be searchable, annotate it with `@amazon.datazone#searchable`. By default, searchable fields are indexed for semantic search, where related query terms will match the attribute value even if they are not stemmed or keyword matches. To indicate that a field should be indexed for lexical search (which disables semantic search but supports stemmed and partial matches), annotate it with `@amazon.datazone#searchable(modes:["LEXICAL"])`. To indicate that a field should be indexed for technical identifier search (for more information on technical identifier search, see: https://aws.amazon.com/blogs/big-data/streamline-data-discovery-with-precise-technical-identifier-search-in-amazon-sagemaker-unified-studio/), annotate it with `@amazon.datazone#searchable(modes:["TECHNICAL"])`.

To denote that a field will store glossary term ids (which are filterable via the Search/SearchListings APIs), annotate it with `@amazon.datazone#glossaryterm("${GLOSSARY_ID}")`, where `${GLOSSARY_ID}` is the id of the glossary that the glossary terms stored in the field belong to.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateFormType.

Sample Request

```
aws datazone create-form-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj9vn4wxyz8k2m" \
--name "DataProductMetadataForm" \
--status ENABLED \
--model '{
    "smithy": "namespace dzd_53ielnpxktdilj\n\nstructure DataProductMetadataForm {\n
 @required\n name: smithy.api#String,\n @required\n databaseName: smithy.api#String,\n
 @required\n catalog: smithy.api#String\n}"
}'
```

Sample Response

```
{
    "domainId": "dzd_53ielnpxktdilj",
    "name": "DataProductMetadataForm",
    "revision": "1"
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone create-form-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "CustomerPreferencesFormType" \
--model '{"smithy": "structure CustomerPreferencesFormType { }"}'
```

Sample Response

```
aws: error: the following arguments are required: —owning-project-identifier
```

Example

Failure case - wrong Smithy:

Sample Request

```
aws datazone create-form-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--name "CustomerPreferencesFormType" \
--model '{"smithy": "structure CustomerPreferencesFormType {"}'  # malformed closing
 brace
```

Sample Response

```
Unknown options: malformed, closing, brace, #
```

Example

This example illustrates a usage of CreateFormType, using Smithy traits to specify that attributes should be indexed for search. In this case, we will create a single required field name that will be indexed for technical identifier search.

Sample Request

```
aws datazone create-form-type \
--domain-identifier "dzd_4q2el0k35ngqa8" \
--owning-project-identifier "4mo2oiauaqbrtc" \
--name "DataProductMetadataForm" \
--status ENABLED \
--model '{ "smithy": "namespace dzd_4q2el0k35ngqa8\n\nstructure DataProductMetadataForm
 {\n @required\n @amazon.datazone#searchable(modes:[\"TECHNICAL\"])\n name:
 smithy.api#String\n}" }'
```

Sample Response

```
{
    "domainId": "dzd_4q2el0k35ngqa8",
    "name": "DataProductMetadataForm",
    "revision": "1"
}
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2

- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateGlossary

Creates an Amazon DataZone business glossary.

Specifies that this is a create glossary policy.

A glossary serves as the central repository for business terminology and definitions within an organization. It helps establish and maintain a common language across different departments and teams, reducing miscommunication and ensuring consistent interpretation of business concepts. Glossaries can include hierarchical relationships between terms, cross-references, and links to actual data assets, making them invaluable for both business users and technical teams trying to understand and use data correctly.

Prerequisites:

- Domain must exist and be in an active state.
- Owning project must exist and be accessible by the caller.
- The glossary name must be unique within the domain.

Request Syntax

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

{
   "clientToken": "string",
   "description": "string",
   "name": "string",
   "owningProjectIdentifier": "string",
   "status": "string",
   "usageRestrictions": [ "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

usageRestrictions

The usage restriction of the restricted glossary.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

Required: No

Response Syntax

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

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

usageRestrictions

The usage restriction of the restricted glossary.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateGlossary.

Sample Request

```
aws datazone create-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "CustomerAnalyticsGlossary" \
--owning-project-identifier "prj7nx82mkl"
```

Sample Response

```
{
    "domainId": "dzd_53ielnpxktdilj",
    "id": "gls8m3nqx2wkfp",
    "name": "CustomerAnalyticsGlossary",
    "owningProjectId": "prj7nx82mkl",
    "status": "ENABLED"
}
```

Example

Failure case - duplicate term:

Sample Request

```
aws datazone create-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--name "CustomerAnalyticsGlossary" \
--owning-project-identifier "prj7nx82mkl"
```

Sample Response

```
An error occurred (ConflictException) when calling the CreateGlossary operation:
 Conflict with businessGlossary gls8m3nqx2wkfp
```

Example

Failure case - missing required parameter:

Sample Request

```
aws datazone create-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl"
```

Sample Response

```
aws: error: the following arguments are required: --name
```

See Also

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

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateGlossaryTerm

Creates a business glossary term.

A glossary term represents an individual entry within the Amazon DataZone glossary, serving as a standardized definition for a specific business concept or data element. Each term can include rich metadata such as detailed definitions, synonyms, related terms, and usage examples. Glossary terms can be linked directly to data assets, providing business context to technical data elements. This linking capability helps users understand the business meaning of data fields and ensures consistent interpretation across different systems and teams. Terms can also have relationships with other terms, creating a semantic network that reflects the complexity of business concepts.

Prerequisites:

- Domain must exist.
- Glossary must exist.
- The term name must be unique within the glossary.
- Ensure term does not conflict with existing terms in hierarchy.

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" ]
   },
   "usageRestrictions": [ "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

usageRestrictions

The usage restriction of the restricted glossary.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: ASSET_GOVERNED_TERMS

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

InternalServerException

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

Examples

Example

This example illustrates one usage of CreateGlossaryTerm.

Sample Request

```
aws datazone create-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--glossary-identifier "gls8m3nqx2wkfp" \
--name "CustomerLifetimeValue"
```

Sample Response

```
{
    "domainId": "dzd_53ielnpxktdilj",
    "glossaryId": "gls8m3nqx2wkfp",
    "id": "trm9k4pq7xwnmh",
    "name": "CustomerLifetimeValue",
    "status": "ENABLED"
}
```

Example

Failure case - missing required parameter:

Sample Request

```
aws datazone create-glossary-term \
```

```
--domain-identifier "dzd_53ielnpxktdilj" \
--name "CustomerLifetimeValue"
```

Sample Response

```
aws: error: the following arguments are required: —glossary-identifier
```

Example

Failure case - glossary does not exist:

Sample Request

```
    aws datazone create-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--glossary-identifier "gls_nonexistent" \
--name "CustomerLifetimeValue"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the CreateGlossaryTerm
 operation: The given Glossary doesn't exist. Try creating Glossary before accessing
 it.
```

Example

Failure case - duplicate term:

Sample Request

```
aws datazone create-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--glossary-identifier "gls8m3nqx2wkfp" \
```

```
--name "CustomerLifetimeValue"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the CreateGlossaryTerm
 operation: The given Glossary doesn't exist. Try creating Glossary before accessing
 it.
```

Example

Failure case - delete related resources

Sample Request

```
 aws datazone create-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--glossary-identifier "gls8m3nqx2wkfp" \
--name "CustomerLifetimeValue"
```

Sample Response

```
An error occurred (ConflictException) when calling the CreateGlossaryTerm operation:
 Conflict with glossaryTerm trm9k4pq7xwnmh
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2

- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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 | DATA_PRODUCT`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateProject

Creates an Amazon DataZone project.

Request Syntax

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

{
   "description": "string",
   "domainUnitId": "string",
   "glossaryTerms": [ "string" ],
   "name": "string",
   "projectProfileId": "string",
   "resourceTags": {
      "string" : "string"
   },
   "userParameters": [
      {
         "environmentConfigurationName": "string",
         "environmentId": "string",
         "environmentParameters": [
            {
               "name": "string",
               "value": "string"
            }
         ],
         "environmentResolvedAccount": {
            "awsAccountId": "string",
            "regionName": "string",
            "sourceAccountPoolId": "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

domainUnitId

The ID of the domain unit. This parameter is not required and if it is not specified, then the project is created at the root domain unit level.

Type: String

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

Pattern: `[a-z0-9_\-]+`

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

projectProfileId

The ID of the project profile.

Type: String

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

Required: No

resourceTags

The resource tags of the project.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 25 items.

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

userParameters

The user parameters of the project.

Type: Array of EnvironmentConfigurationUserParameter objects

Required: No

Response Syntax

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

{
   "createdAt": "string",
   "createdBy": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "environmentDeploymentDetails": {
      "environmentFailureReasons": {
         "string" : [
            {
               "code": "string",
               "message": "string"
            }
         ]
      },
      "overallDeploymentStatus": "string"
   },
   "failureReasons": [
      {
         "code": "string",
         "message": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "id": "string",
   "lastUpdatedAt": "string",
   "name": "string",
   "projectProfileId": "string",
   "projectStatus": "string",
   "resourceTags": [
      {
         "key": "string",
         "source": "string",
         "value": "string"
```

```
      }
   ],
   "userParameters": [
      {
         "environmentConfigurationName": "string",
         "environmentId": "string",
         "environmentParameters": [
            {
               "name": "string",
               "value": "string"
            }
         ],
         "environmentResolvedAccount": {
            "awsAccountId": "string",
            "regionName": "string",
            "sourceAccountPoolId": "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}`

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentDeploymentDetails

The environment deployment details.

Type: EnvironmentDeploymentDetails object

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 -]+`

projectProfileId

The project profile ID.

Type: String

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

projectStatus

The status of the Amazon DataZone project that was created.

Type: String

Valid Values: `ACTIVE | DELETING | DELETE_FAILED | UPDATING | UPDATE_FAILED | MOVING`

resourceTags

The resource tags of the project.

Type: Array of ResourceTag objects

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

userParameters

The user parameters of the project.

Type: Array of EnvironmentConfigurationUserParameter 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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 | PROJECT_CATALOG_VIEWER | PROJECT_CATALOG_CONSUMER | PROJECT_CATALOG_STEWARD`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateProjectProfile

Creates a project profile.

Request Syntax

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

{
   "allowCustomProjectResourceTags": boolean,
   "description": "string",
   "domainUnitIdentifier": "string",
   "environmentConfigurations": [
      {
         "accountPools": [ "string" ],
         "awsAccount": { ... },
         "awsRegion": { ... },
         "configurationParameters": {
            "parameterOverrides": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "resolvedParameters": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "ssmPath": "string"
         },
         "deploymentMode": "string",
         "deploymentOrder": number,
         "description": "string",
         "environmentBlueprintId": "string",
         "id": "string",
         "name": "string"
      }
   ],
```

```
   "name": "string",
   "projectResourceTags": [
      {
         "isValueEditable": boolean,
         "key": "string",
         "value": "string"
      }
   ],
   "projectResourceTagsDescription": "string",
   "status": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

A domain ID of the project profile.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

allowCustomProjectResourceTags

Specifies whether custom project resource tags are supported.

Type: Boolean

Required: No

description

A description of a project profile.

Type: String

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

Required: No

domainUnitIdentifier

A domain unit ID of the project profile.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

environmentConfigurations

Environment configurations of the project profile.

Type: Array of EnvironmentConfiguration objects

Required: No

name

Project profile name.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

projectResourceTags

The resource tags of the project profile.

Type: Array of ResourceTagParameter objects

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

Required: No

projectResourceTagsDescription

Field viewable through the UI that provides a project user with the allowed resource tag specifications.

Type: String

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

Required: No

status

Project profile status.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

Response Syntax

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

{
   "allowCustomProjectResourceTags": boolean,
   "createdAt": "string",
   "createdBy": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "environmentConfigurations": [
      {
         "accountPools": [ "string" ],
         "awsAccount": { ... },
         "awsRegion": { ... },
         "configurationParameters": {
            "parameterOverrides": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "resolvedParameters": [
               {
```

```
                    "isEditable": boolean,
                    "name": "string",
                    "value": "string"
                 }
              ],
              "ssmPath": "string"
           },
           "deploymentMode": "string",
           "deploymentOrder": number,
           "description": "string",
           "environmentBlueprintId": "string",
           "id": "string",
           "name": "string"
        }
     ],
     "id": "string",
     "lastUpdatedAt": "string",
     "name": "string",
     "projectResourceTags": [
        {
           "isValueEditable": boolean,
           "key": "string",
           "value": "string"
        }
     ],
     "projectResourceTagsDescription": "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.

allowCustomProjectResourceTags

Specifies whether custom project resource tags are supported.

Type: Boolean

createdAt

A timestamp at which a project profile is created.

Type: Timestamp

createdBy

A user who created a project profile.

Type: String

description

A project profile description.

Type: String

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

domainId

The ID of the domain where a project profile is created.

Type: String

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

domainUnitId

The ID of the domain unit where a project profile is created.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentConfigurations

Environment configurations of a project profile.

Type: Array of EnvironmentConfiguration objects

id

Project profile ID.

Type: String

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

lastUpdatedAt

A timestamp when a project profile was last updated.

Type: Timestamp

name

Project profile name.

Type: String

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

Pattern: `[\w -]+`

projectResourceTags

The resource tags of the project profile.

Type: Array of ResourceTagParameter objects

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

projectResourceTagsDescription

Field viewable through the UI that provides a project user with the allowed resource tag specifications.

Type: String

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

status

Project profile status.

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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateRule

Creates a rule in Amazon DataZone. A rule is a formal agreement that enforces specific requirements across user workflows (e.g., publishing assets to the catalog, requesting subscriptions, creating projects) within the Amazon DataZone data portal. These rules help maintain consistency, ensure compliance, and uphold governance standards in data management processes. For instance, a metadata enforcement rule can specify the required information for creating a subscription request or publishing a data asset to the catalog, ensuring alignment with organizational standards.

Request Syntax

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

{
   "action": "string",
   "clientToken": "string",
   "description": "string",
   "detail": { ... },
   "name": "string",
   "scope": {
      "assetType": {
         "selectionMode": "string",
         "specificAssetTypes": [ "string" ]
      },
      "dataProduct": boolean,
      "project": {
         "selectionMode": "string",
         "specificProjects": [ "string" ]
      }
   },
   "target": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the rule is created.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

action

The action of the rule.

Type: String

Valid Values: `CREATE_LISTING_CHANGE_SET | CREATE_SUBSCRIPTION_REQUEST`

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

description

The description of the rule.

Type: String

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

Required: No

detail

The detail of the rule.

Type: RuleDetail 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 rule.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

scope

The scope of the rule.

Type: RuleScope object

Required: Yes

target

The target of the rule.

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

```
{
   "action": "string",
   "createdAt": number,
   "createdBy": "string",
   "description": "string",
   "detail": { ... },
   "identifier": "string",
   "name": "string",
   "ruleType": "string",
   "scope": {
      "assetType": {
         "selectionMode": "string",
         "specificAssetTypes": [ "string" ]
      },
      "dataProduct": boolean,
      "project": {
         "selectionMode": "string",
         "specificProjects": [ "string" ]
      }
   },
   "target": { ... },
   "targetType": "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.

action

The action of the rule.

Type: String

Valid Values: `CREATE_LISTING_CHANGE_SET | CREATE_SUBSCRIPTION_REQUEST`

createdAt

The timestamp at which the rule is created.

Type: Timestamp

createdBy

The user who creates the rule.

Type: String

description

The description of the rule.

Type: String

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

detail

The detail of the rule.

Type: RuleDetail object

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

identifier

The ID of the rule.

Type: String

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

name

The name of the rule.

Type: String

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

Pattern: `[\w -]+`

ruleType

The type of the rule.

Type: String

Valid Values: `METADATA_FORM_ENFORCEMENT | GLOSSARY_TERM_ENFORCEMENT`

scope

The scope of the rule.

Type: RuleScope object

target

The target of the rule.

Type: RuleTarget object

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

targetType

The target type of the rule.

Type: String

Valid Values: `DOMAIN_UNIT`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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: No

Response Syntax

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

```
{
   "assets": [
      {
         "assetId": "string",
         "assetRevision": "string",
         "assetScope": {
            "assetId": "string",
            "errorMessage": "string",
            "filterIds": [ "string" ],
            "status": "string"
         },
         "failureCause": {
            "message": "string"
         },
         "failureTimestamp": number,
         "grantedTimestamp": number,
         "permissions": { ... },
         "status": "string",
         "targetName": "string"
      }
   ],
   "createdAt": number,
   "createdBy": "string",
   "domainId": "string",
   "environmentId": "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}`

environmentId

The environment ID for which subscription grant is created.

Type: String

Pattern: `[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

This parameter has been deprecated.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateSubscriptionRequest

Creates a subscription request in Amazon DataZone.

Request Syntax

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

{
   "assetPermissions": [
      {
         "assetId": "string",
         "permissions": { ... }
      }
   ],
   "assetScopes": [
      {
         "assetId": "string",
         "filterIds": [ "string" ]
      }
   ],
   "clientToken": "string",
   "metadataForms": [
      {
         "content": "string",
         "formName": "string",
         "typeIdentifier": "string",
         "typeRevision": "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.

assetPermissions

The asset permissions of the subscription request.

Type: Array of AssetPermission objects

Required: No

assetScopes

The asset scopes of the subscription request.

Type: Array of AcceptedAssetScope objects

Required: No

clientToken

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

Type: String

Required: No

metadataForms

The metadata form included in the subscription request.

Type: Array of FormInput objects

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",
   "existingSubscriptionId": "string",
   "id": "string",
```

```
   "metadataForms": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "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 whcih the subscription request is created.

Type: String

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

existingSubscriptionId

The ID of the existing subscription.

Type: String

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

id

The ID of the subscription request.

Type: String

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

metadataForms

The metadata form included in the subscription request.

Type: Array of FormOutput objects

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "subscriptionGrantCreationMode": "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 20 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

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

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

subscriptionGrantCreationMode

Determines the subscription grant creation mode for this target, defining if grants are auto-created upon subscription approval or managed manually.

Type: String

Valid Values: `AUTOMATIC | MANUAL`

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",
   "subscriptionGrantCreationMode": "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 20 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

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

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

subscriptionGrantCreationMode

Determines the subscription grant creation mode for this target, defining if grants are auto-created upon subscription approval or managed manually.

Type: String

Valid Values: `AUTOMATIC | MANUAL`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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 user profile details.

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteAccountPool

Deletes an account pool.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/account-pools/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the account pool is deleted.

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

Required: Yes

identifier

The ID of the account pool 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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteAsset

Deletes an asset in Amazon DataZone.

- --domain-identifier must refer to a valid and existing domain.
- --identifier must refer to an existing asset in the specified domain.
- Asset must not be referenced in any existing asset filters.
- Asset must not be linked to any draft or published data product.
- User must have delete permissions for the domain and project.

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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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

Examples

Example

This example illustrates one usage of DeleteAsset.

Sample Request

```
aws datazone delete-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4"
```

Sample Response

```
aws datazone delete-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4"
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone delete-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the DeleteAsset operation:
 The given Asset doesn't exist. Try creating Asset before accessing it.
```

Example

Failure case - a required parameter is missing:

Sample Request

```
aws datazone delete-asset \
--domain-identifier "dzd_53ielnpxktdilj"
```

```
aws: error: the following arguments are required: –identifier
```

See Also

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

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

DeleteAssetFilter

Deletes an asset filter.

Prerequisites:

- The asset filter must exist.
- The domain and asset must not have been deleted.
- Ensure the --identifier refers to a valid filter ID.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

assetIdentifier

The ID of the data asset.

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

Required: Yes

domainIdentifier

The ID of the domain where you want to delete an asset filter.

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

Required: Yes

identifier

The ID of the asset filter that you want to delete.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of DeleteAssetFilter.

Sample Request

```
aws datazone delete-asset-filter \
 --domain-identifier "dzd_cm9m1uc1hqf6uf" \
 --asset-identifier "6br2md6v9hqox3" \
 --identifier "c2fkteudhd2dgn"
```

Example

Failure case - resource does not exist

Sample Request

```
aws datazone delete-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the DeleteAssetFilter
 operation:
 The given Asset doesn't exist. Try creating Asset before accessing it.
```

Example

Failure case - a required parameter is missing:

Sample Request

```
aws datazone delete-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteAssetType

Deletes an asset type in Amazon DataZone.

Prerequisites:

- The asset type must exist in the domain.
- You must have DeleteAssetType permission.
- The asset type must not be in use (e.g., assigned to any asset). If used, deletion will fail.
- You should retrieve the asset type using get-asset-type to confirm its presence before deletion.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of DeleteAssetType.

Sample Request

```
aws datazone delete-asset-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "CustomerDataAssetType"
```

Example

Failure case - already deleted or non-existent type:

Sample Request

```
aws datazone get-asset-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "NonExistentAssetType"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the GetAssetType operation:
 The given AssetType doesn't exist. Try creating AssetType before accessing it.
```

Example

Failure case - missing `--identifier`

Sample Request

```
aws datazone delete-asset-type \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

See Also

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

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

DeleteConnection

Deletes and connection. In Amazon DataZone, a connection enables you to connect your resources (domains, projects, and environments) to external resources and services.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the connection is deleted.

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

Required: Yes

identifier

The ID of the connection that is deleted.

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: Yes

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 action.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteDataExportConfiguration

Deletes data export configuration for a domain.

This operation does not delete the S3 table created by the PutDataExportConfiguration operation.

To temporarily disable export without deleting the configuration, use the PutDataExportConfiguration operation with the `--no-enable-export` flag instead. This allows you to re-enable export for the same domain using the `--enable-export` flag without deleting S3 table.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/data-export-configuration HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The domain ID for which you want to delete the data export configuration.

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

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

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

InternalServerException

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

Examples

Example

Delete data export configuration:

Sample Request

```
aws datazone delete-data-export-configuration --domain-identifier dzd-440699i00ezy21 --
region us-east-2
```

See Also

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

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

DeleteDataProduct

Deletes a data product in Amazon DataZone.

Prerequisites:

- The data product must exist and not be deleted or archived.
- The user must have delete permissions for the data product.
- Domain and project must be active.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/data-products/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 product is deleted.

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

Required: Yes

identifier

The identifier of the data product 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

InternalServerException

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

Examples

Example

This example illustrates one usage of DeleteDataProduct.

Sample Request

```
aws datazone delete-data-product \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd9m3nqx2wkfp"
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone delete-data-product \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

Example

Failure case - resource not found

Sample Request

```
aws datazone delete-data-product \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the DeleteDataProduct
 operation: Requested dataProduct cannot be found in domain
```

See Also

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

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

DeleteDataSource

Deletes a data source in Amazon DataZone.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

clientToken

This parameter has been deprecated.

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

retainPermissionsOnRevokeFailure

Specifies that the granted permissions are retained in case of a self-subscribe functionality failure for a data source.

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": { ... },
   "connectionId": "string",
   "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,
   "retainPermissionsOnRevokeFailure": boolean,
   "schedule": {
      "schedule": "string",
      "timezone": "string"
   },
   "selfGrantStatus": { ... },
   "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.

connectionId

The ID of the connection that is deleted.

Type: String

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 environemnt 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

retainPermissionsOnRevokeFailure

Specifies that the granted permissions are retained in case of a self-subscribe functionality failure for a data source.

Type: Boolean

schedule

The schedule of runs for this data source.

Type: ScheduleConfiguration object

selfGrantStatus

Specifies the status of the self-granting functionality.

Type: SelfGrantStatusOutput object

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteDomainUnit

Deletes a domain unit.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/domain-units/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to delete a domain unit.

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

Required: Yes

identifier

The ID of the domain unit that you want to delete.

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

Pattern: `[a-z0-9_\-]+`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteEnvironmentAction

Deletes an action for the environment, for example, deletes a console link for an analytics tool that is available in this environment.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

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

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

Required: Yes

environmentIdentifier

The ID of the environment where an environment action is deleted.

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

Required: Yes

identifier

The ID of the environment action that is deleted.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteEnvironmentBlueprint

Deletes a blueprint in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/environment-blueprints/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 blueprint is deleted.

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

Required: Yes

identifier

The ID of the blueprint 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2

- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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_-]{0,36}`

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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteFormType

Deletes and metadata form type in Amazon DataZone.

Prerequisites:

- The form type must exist in the domain.
- The form type must not be in use by any asset types or assets.
- The domain must be valid and accessible.
- User must have delete permissions on the form type.
- Any dependencies (such as linked asset types) must be removed first.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of DeleteFormType.

Sample Request

```
aws datazone delete-form-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--form-type-identifier "CustomerPreferencesFormType"
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone delete-form-type \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –form-type-identifier
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone delete-form-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--form-type-identifier "NonExistentFormType"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the DeleteFormType
 operation: Requested FormType cannot be found in domain
```

See Also

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

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

DeleteGlossary

Deletes a business glossary in Amazon DataZone.

Prerequisites:

- The glossary must be in DISABLED state.
- The glossary must not have any glossary terms associated with it.
- The glossary must exist in the specified domain.
- The caller must have the `datazone:DeleteGlossary` permission in the domain and glossary.
- Glossary should not be linked to any active metadata forms.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of DeleteGlossary.

Sample Request

```
aws datazone delete-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls8m3nqx2wkfp"
```

Example

Failure case - glossary must be disabled:

Sample Request

```
aws datazone delete-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls8m3nqx2wkfp"
```

Sample Response

```
An error occurred (ValidationException) when calling the DeleteGlossary operation:
 Glossary must be DISABLED for deletion
```

Example

Failure case - conflict is data is associated with it:

Sample Request

```
aws datazone delete-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls8m3nqx2wkfp"
```

Sample Response

```
An error occurred (ConflictException) when calling the DeleteGlossary operation:
 Glossary can't be deleted while having glossary terms attached
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone delete-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the DeleteGlossary
 operation: Requested businessGlossary cannot be found in domain
```

Example

Failure case - missing required parameter

Sample Request

```
 aws datazone delete-glossary \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: --identifier
```

See Also

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

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

DeleteGlossaryTerm

Deletes a business glossary term in Amazon DataZone.

Prerequisites:

- Glossary term must exist and be active.
- The term must not be linked to other assets or child terms.
- Caller must have delete permissions in the domain/glossary.
- Ensure all associations (such as to assets or parent terms) are removed before deletion.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of DeleteGlossaryTerm.

Sample Request

```
aws datazone delete-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "trm9k4pq7xwnmh"
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone delete-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "trm_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the DeleteGlossaryTerm
 operation: Requested glossaryTerm cannot be found in domain
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone delete-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: --identifier
```

See Also

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

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteProjectProfile

Deletes a project profile.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where a project profile is deleted.

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

Required: Yes

identifier

The ID of the project 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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteRule

Deletes a rule in Amazon DataZone. A rule is a formal agreement that enforces specific requirements across user workflows (e.g., publishing assets to the catalog, requesting subscriptions, creating projects) within the Amazon DataZone data portal. These rules help maintain consistency, ensure compliance, and uphold governance standards in data management processes. For instance, a metadata enforcement rule can specify the required information for creating a subscription request or publishing a data asset to the catalog, ensuring alignment with organizational standards.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain that where the rule is to be deleted.

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

Required: Yes

identifier

The ID of the rule 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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
```

```
            "assetScope": {
               "assetId": "string",
               "errorMessage": "string",
               "filterIds": [ "string" ],
               "status": "string"
            },
            "failureCause": {
               "message": "string"
            },
            "failureTimestamp": number,
            "grantedTimestamp": number,
            "permissions": { ... },
            "status": "string",
            "targetName": "string"
         }
      ],
      "createdAt": number,
      "createdBy": "string",
      "domainId": "string",
      "environmentId": "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 subsctiption 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}`

environmentId

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

Type: String

Pattern: `[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

This parameter has been deprecated.

The identifier of the subsctiption 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DisassociateEnvironmentRole

Disassociates the environment role in Amazon DataZone.

Request Syntax

```
DELETE /v2/domains/domainIdentifier/environments/environmentIdentifier/
roles/environmentRoleArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain in which an environment role is disassociated.

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

Required: Yes

environmentIdentifier

The ID of the environment.

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

Required: Yes

environmentRoleArn

The ARN of the environment role.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DisassociateGovernedTerms

Disassociates restricted terms from an asset.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/disassociate-governed-terms HTTP/1.1
Content-type: application/json

{
   "governedGlossaryTerms": [ "string" ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to disassociate restricted terms from an asset.

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

Required: Yes

entityIdentifier

The ID of an asset from which you want to disassociate restricted terms.

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

Required: Yes

entityType

The type of the asset from which you want to disassociate restricted terms.

Valid Values: `ASSET`

Required: Yes

Request Body

The request accepts the following data in JSON format.

governedGlossaryTerms

The restricted glossary terms that you want to disassociate from an asset.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

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

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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetAccountPool

Gets the details of the account pool.

Request Syntax

```
GET /v2/domains/domainIdentifier/account-pools/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain in which the account pool lives whose details are to be displayed.

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

Required: Yes

identifier

The ID of the account pool whose details are to be displayed.

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

{
   "accountSource": { ... },
   "createdAt": "string",
```

```
    "createdBy": "string",
    "description": "string",
    "domainId": "string",
    "domainUnitId": "string",
    "id": "string",
    "lastUpdatedAt": "string",
    "name": "string",
    "resolutionStrategy": "string",
    "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.

accountSource

The source of accounts for the account pool. In the current release, it's either a static list of accounts provided by the customer or a custom AWS Lambda handler.

Type: AccountSource object

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

createdAt

The timestamp at which the account pool was created.

Type: Timestamp

createdBy

The user who created the account pool.

Type: String

description

The description of the account pool.

Type: String

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

domainId

The ID of the domain in which the account pool lives whose details are to be displayed.

Type: String

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

domainUnitId

The domain unit ID of the account pool.

Type: String

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

Pattern: `[a-z0-9_\-]+`

id

The ID of the account pool.

Type: String

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

lastUpdatedAt

The timestamp at which the account pool was last updated.

Type: Timestamp

name

The name of the account pool.

Type: String

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

Pattern: `[\w -]+`

resolutionStrategy

The mechanism used to resolve the account selection from the account pool.

Type: String

Valid Values: MANUAL

updatedBy

The user who last updated the account pool.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetAsset

Gets an Amazon DataZone asset.

An asset is the fundamental building block in Amazon DataZone, representing any data resource that needs to be cataloged and managed. It can take many forms, from Amazon S3 buckets and database tables to dashboards and machine learning models. Each asset contains comprehensive metadata about the resource, including its location, schema, ownership, and lineage information. Assets are essential for organizing and managing data resources across an organization, making them discoverable and usable while maintaining proper governance.

Before using the Amazon DataZone GetAsset command, ensure the following prerequisites are met:

- Domain identifier must exist and be valid
- Asset identifier must exist
- User must have the required permissions to perform the action

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.

This parameter supports either the value of `assetId` or `externalIdentifier` as input. If you are passing the value of `externalIdentifier`, you must prefix this value with `externalIdentifer%2F`.

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" ],
   "governedGlossaryTerms": [ "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 600.

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}`

governedGlossaryTerms

The restricted glossary terms attached to an asset.

Type: Array of strings

Array Members: Minimum number of 0 items. 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

InternalServerException

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

Examples

Example

Use the following command to retrieve an asset from Amazon DataZone:

Sample Request

```
aws datazone get-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4w"
```

Sample Response

```
{
    "createdAt": 1752554243.917,
    "createdBy": "user_id_redacted",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1752554243.917,
    "firstRevisionCreatedBy": "user_id_redacted",
    "formsOutput": [{
        "content": "{\"bucketArn\":\"arn:aws:s3:::analytics-data-bucket\"}",
        "formName": "CustomerAnalyticsForm",
        "typeName": "amazon.datazone.S3ObjectCollectionFormType",
        "typeRevision": "7"
    }],
    "id": "ast7k9mpq2xvn4w",
    "latestTimeSeriesDataPointFormsOutput": [],
    "name": "CustomerAnalytics2023",
    "owningProjectId": "prj9vn4wxyz8k2m",
    "readOnlyFormsOutput": [],
    "revision": "1",
    "typeIdentifier": "amazon.datazone.S3ObjectCollectionAssetType",
    "typeRevision": "13"
}
```

Example

When the specified asset does not exist, the command will fail:

Sample Request

```
aws datazone get-asset \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "astnonexistent2m4"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the GetAsset operation: The
 given Asset doesn't exist. Try creating Asset before accessing it.
```

Example

When a required parameter is missing, the command will fail:

Sample Request

```
aws datazone get-asset \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python

- AWS SDK for Ruby V3

GetAssetFilter

Gets an asset filter.

Prerequisites:

- Domain (`--domain-identifier`), asset (`--asset-identifier`), and filter (`--identifier`) must all exist.
- The asset filter should not have been deleted.
- The asset must still exist (since the filter is linked to it).

Request Syntax

```
GET /v2/domains/domainIdentifier/assets/assetIdentifier/filters/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assetIdentifier

The ID of the data asset.

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

Required: Yes

domainIdentifier

The ID of the domain where you want to get an asset filter.

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

Required: Yes

identifier

The ID of the asset filter.

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

{
   "assetId": "string",
   "configuration": { ... },
   "createdAt": number,
   "description": "string",
   "domainId": "string",
   "effectiveColumnNames": [ "string" ],
   "effectiveRowFilter": "string",
   "errorMessage": "string",
   "id": "string",
   "name": "string",
   "status": "string"
}
```

Response Elements

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

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

assetId

The ID of the data asset.

Type: String

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

configuration

The configuration of the asset filter.

Type: AssetFilterConfiguration object

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

createdAt

The timestamp at which the asset filter was created.

Type: Timestamp

description

The description of the asset filter.

Type: String

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

domainId

The ID of the domain where you want to get an asset filter.

Type: String

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

effectiveColumnNames

The column names of the asset filter.

Type: Array of strings

effectiveRowFilter

The row filter of the asset filter.

Type: String

errorMessage

The error message that is displayed if the action does not complete successfully.

Type: String

id

The ID of the asset filter.

Type: String

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

name

The name of the asset filter.

Type: String

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

Pattern: `[\w -]+`

status

The status of the asset filter.

Type: String

Valid Values: `VALID | INVALID`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of GetAssetFilter.

Sample Request

```
aws datazone get-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5"
```

Sample Response

```
{
    "assetId": "ast7k9mpq2xvn4",
    "configuration": {
        "columnConfiguration": {
            "includedColumnNames": [
                "customer_id",
                "email",
                "phone_number",
                "address"
            ]
        }
    },
```

```
    "createdAt": 1752651315.63,
    "description": "Filter for customer PII data",
    "domainId": "dzd_53ielnpxktdilj",
    "effectiveColumnNames": [
        "customer_id",
        "email",
        "phone_number",
        "address"
    ],
    "id": "flt8p2mq3xvn5",
    "name": "customer-pii-filter",
    "status": "VALID"
}
```

Example

Failure case - missing required option `--identifier`:

Sample Request

```
aws datazone get-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetAssetType

Gets an Amazon DataZone asset type.

Asset types define the categories and characteristics of different kinds of data assets within Amazon DataZone.. They determine what metadata fields are required, what operations are possible, and how the asset integrates with other AWS services. Asset types can range from built-in types like Amazon S3 buckets and AWS Glue tables to custom types defined for specific organizational needs. Understanding asset types is crucial for properly organizing and managing different kinds of data resources.

Prerequisites:

- The asset type with identifier must exist in the domain. ResourceNotFoundException.
- You must have the GetAssetType permission.
- Ensure the domain-identifier value is correct and accessible.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of GetAssetType.

Sample Request

```
aws datazone get-asset-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "customerAnalyticsType"
```

Sample Response

```
{
    "createdAt": 1752576607.833,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "formsOutput": {
        "AssetCommonDetailsForm": {
            "required": false,
            "typeName": "amazon.datazone.AssetCommonDetailsFormType",
            "typeRevision": "6"
        }
    },
    "name": "customerAnalyticsType",
    "owningProjectId": "prj7nx82mkl",
    "revision": "1",
    "updatedAt": 1752576607.833,
    "updatedBy": "usr7nx82mkl"
}
```

Example

Failure case - missing required parameter: `--identifier`

Sample Request

```
aws datazone get-asset-type \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: —identifier
```

See Also

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

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

GetConnection

Gets a connection. In Amazon DataZone, a connection enables you to connect your resources (domains, projects, and environments) to external resources and services.

Request Syntax

```
GET /v2/domains/domainIdentifier/connections/identifier?withSecret=withSecret HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where we get the connection.

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

Required: Yes

identifier

The connection ID.

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: Yes

withSecret

Specifies whether a connection has a secret.

Request Body

The request does not have a request body.

Response Syntax

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

{
```

```
   "connectionCredentials": {
      "accessKeyId": "string",
      "expiration": "string",
      "secretAccessKey": "string",
      "sessionToken": "string"
   },
   "connectionId": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "environmentId": "string",
   "environmentUserRole": "string",
   "name": "string",
   "physicalEndpoints": [
      {
         "awsLocation": {
            "accessRole": "string",
            "awsAccountId": "string",
            "awsRegion": "string",
            "iamConnectionId": "string"
         },
         "enableTrustedIdentityPropagation": boolean,
         "glueConnection": {
            "athenaProperties": {
               "string" : "string"
            },
            "authenticationConfiguration": {
               "authenticationType": "string",
               "oAuth2Properties": {
                  "authorizationCodeProperties": {
                     "authorizationCode": "string",
                     "redirectUri": "string"
                  },
                  "oAuth2ClientApplication": {
                     "aWSManagedClientApplicationReference": "string",
                     "userManagedClientApplicationClientId": "string"
                  },
                  "oAuth2Credentials": {
                     "accessToken": "string",
                     "jwtToken": "string",
                     "refreshToken": "string",
                     "userManagedClientApplicationClientSecret": "string"
                  },
                  "oAuth2GrantType": "string",
```

```
                "tokenUrl": "string",
                "tokenUrlParametersMap": {
                   "string" : "string"
                }
             },
             "secretArn": "string"
          },
          "compatibleComputeEnvironments": [ "string" ],
          "connectionProperties": {
             "string" : "string"
          },
          "connectionSchemaVersion": number,
          "connectionType": "string",
          "creationTime": number,
          "description": "string",
          "lastConnectionValidationTime": number,
          "lastUpdatedBy": "string",
          "lastUpdatedTime": number,
          "matchCriteria": [ "string" ],
          "name": "string",
          "physicalConnectionRequirements": {
             "availabilityZone": "string",
             "securityGroupIdList": [ "string" ],
             "subnetId": "string",
             "subnetIdList": [ "string" ]
          },
          "pythonProperties": {
             "string" : "string"
          },
          "sparkProperties": {
             "string" : "string"
          },
          "status": "string",
          "statusReason": "string"
       },
       "glueConnectionName": "string",
       "host": "string",
       "port": number,
       "protocol": "string",
       "stage": "string"
    }
 ],
 "projectId": "string",
 "props": { ... },
```

```
    "scope": "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.

connectionCredentials

Connection credentials.

Type: ConnectionCredentials object

connectionId

The ID of the connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

description

Connection description.

Type: String

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

domainId

The domain ID of the connection.

Type: String

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

domainUnitId

The domain unit ID of the connection.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentId

The ID of the environment.

Type: String

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

environmentUserRole

The environment user role.

Type: String

name

The name of the connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

physicalEndpoints

The physical endpoints of the connection.

Type: Array of PhysicalEndpoint objects

projectId

The ID of the project.

Type: String

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

props

Connection props.

Type: ConnectionPropertiesOutput object

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

scope

The scope of the connection.

Type: String

Valid Values: `DOMAIN | PROJECT`

type

The type of the connection.

Type: String

Valid Values: `ATHENA | BIGQUERY | DATABRICKS | DOCUMENTDB | DYNAMODB | HYPERPOD | IAM | MYSQL | OPENSEARCH | ORACLE | POSTGRESQL | REDSHIFT | S3 | SAPHANA | SNOWFLAKE | SPARK | SQLSERVER | TERADATA | VERTICA | WORKFLOWS_MWAA | AMAZON_Q | MLFLOW`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetDataExportConfiguration

Gets data export configuration details.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-export-configuration HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to get the data export configuration details.

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

{
   "createdAt": number,
   "encryptionConfiguration": {
      "kmsKeyArn": "string",
      "sseAlgorithm": "string"
   },
   "isExportEnabled": boolean,
   "s3TableBucketArn": "string",
   "status": "string",
   "updatedAt": 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.

createdAt

The timestamp at which the data export configuration report was created.

Type: Timestamp

encryptionConfiguration

The encryption configuration as part of the data export configuration details.

Type: EncryptionConfiguration object

isExportEnabled

Specifies whether the export is enabled.

Type: Boolean

s3TableBucketArn

The Amazon S3 table bucket ARN as part of the data export configuration details.

Type: String

status

The status of the data export configuration.

Type: String

Valid Values: `COMPLETED | FAILED`

updatedAt

The timestamp at which the data export configuration report 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

InternalServerException

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

Examples

Example

Get data export configuration:

Sample Request

```
aws datazone get-data-export-configuration --domain-identifier dzd-440699i00ezy21 --
region us-east-2
```

Sample Response

```
{
    "isExportEnabled": true,
    "status": "COMPLETED",
    "s3TableBucketArn": "arn:aws:s3tables:us-east-2:651393673886:bucket/aws-sagemaker-
catalog",
    "createdAt": "2025-11-26T06:17:32.580000+05:30",
    "updatedAt": "2025-11-26T06:17:32.580000+05:30"
}
```

Example

When export is disabled:

Sample Response

```
{
    "isExportEnabled": false,
    "status": "COMPLETED",
    "createdAt": "2025-11-26T06:17:32.580000+05:30",
    "updatedAt": "2025-11-26T06:17:32.580000+05:30"
}
```

Example

When export is enabled with KMS key provided:

Sample Response

```
{
    "isExportEnabled": true,
    "status": "COMPLETED",
```

```
    "encryptionConfiguration": {
        "kmsKeyArn": "arn:aws:kms:us-east-2:651393343886:key/292fedfe-
c4b6-40fa-961b-87393584195c",
        "sseAlgorithm": "aws:kms"
    },
    "s3TableBucketArn": "arn:aws:s3tables:us-east-2:651393343886:bucket/aws-sagemaker-
catalog",
    "createdAt": "2025-11-26T06:17:32.580000+05:30",
    "updatedAt": "2025-11-26T06:17:32.580000+05:30"
}
```


See Also

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

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

GetDataProduct

Gets the data product.

Prerequisites:

- The data product ID must exist.
- The domain must be valid and accessible.
- User must have read or discovery permissions for the data product.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-products/identifier?revision=revision HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the data product lives.

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

Required: Yes

identifier

The ID of the data product.

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

Required: Yes

revision

The revision of the data product.

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",
   "firstRevisionCreatedAt": number,
   "firstRevisionCreatedBy": "string",
   "formsOutput": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "id": "string",
   "items": [
      {
         "glossaryTerms": [ "string" ],
         "identifier": "string",
         "itemType": "string",
         "revision": "string"
      }
   ],
   "name": "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 at which the data product is created.

Type: Timestamp

createdBy

The user who created the data product.

Type: String

description

The description of the data product.

Type: String

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

domainId

The ID of the domain where the data product lives.

Type: String

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

firstRevisionCreatedAt

The timestamp at which the first revision of the data product is created.

Type: Timestamp

firstRevisionCreatedBy

The user who created the first revision of the data product.

Type: String

formsOutput

The metadata forms of the data product.

Type: Array of FormOutput objects

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

glossaryTerms

The glossary terms of the data product.

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 data product.

Type: String

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

items

The data assets of the data product.

Type: Array of DataProductItem objects

Array Members: Minimum number of 1 item.

name

The name of the data product.

Type: String

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

owningProjectId

The ID of the owning project of the data product.

Type: String

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

revision

The revision of the data product.

Type: String

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

status

The status of the data product.

Type: String

Valid Values: `CREATED | CREATING | CREATE_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

InternalServerException

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

Examples

Example

This example illustrates one usage of GetDataProduct.

Sample Request

```
aws datazone get-data-product \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd9m3nqx2wkfp"
```

Sample Response

```
{
    "createdAt": 1752602995.424,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "firstRevisionCreatedAt": 1752602810.307,
    "firstRevisionCreatedBy": "usr7nx82mkl",
    "formsOutput": [],
    "id": "dpd9m3nqx2wkfp",
    "name": "CustomerInsights-v2",
    "owningProjectId": "prj7nx82mkl",
    "revision": "2",
    "status": "CREATED"
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone get-data-product \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

Example

Failure case - resource not found:

Sample Request

```
aws datazone get-data-product \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the GetDataProduct
 operation: Requested dataProduct cannot be found in domain
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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": { ... },
      "connectionId": "string",
      "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"
      },
      "selfGrantStatus": { ... },
      "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.

connectionId

The ID of the connection.

Type: String

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

selfGrantStatus

Specifies the status of the self-granting functionality.

Type: SelfGrantStatusOutput object

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "lineageSummary": {
      "importStatus": "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}`

lineageSummary

The summary of the data lineage.

Type: DataSourceRunLineageSummary object

projectId

The ID of the project in which this data source run occured.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "domainVersion": "string",
   "id": "string",
   "kmsKeyIdentifier": "string",
   "lastUpdatedAt": number,
   "name": "string",
   "portalUrl": "string",
```

```
   "rootDomainUnitId": "string",
   "serviceRole": "string",
   "singleSignOn": {
      "idcInstanceArn": "string",
      "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+=,.@-]*`

domainVersion

The version of the domain.

Type: String

Valid Values: `V1 | V2`

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

rootDomainUnitId

The ID of the root domain in Amazon Datazone.

Type: String

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

Pattern: `[a-z0-9_\-]+`

serviceRole

The service role of the domain.

Type: String

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

singleSignOn

The single sing-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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetDomainUnit

Gets the details of the specified domain unit.

Request Syntax

```
GET /v2/domains/domainIdentifier/domain-units/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to get a domain unit.

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

Required: Yes

identifier

The identifier of the domain unit that you want to get.

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

Pattern: `[a-z0-9_\-]+`

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",
   "lastUpdatedAt": number,
   "lastUpdatedBy": "string",
   "name": "string",
   "owners": [
      { ... }
   ],
   "parentDomainUnitId": "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 time stamp at which the domain unit was created.

Type: Timestamp

createdBy

The user who created the domain unit.

Type: String

description

The description of the domain unit.

Type: String

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

domainId

The ID of the domain in which the domain unit lives.

Type: String

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

id

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

lastUpdatedAt

The timestamp at which the domain unit was last updated.

Type: Timestamp

lastUpdatedBy

The user who last updated the domain unit.

Type: String

name

The name of the domain unit.

Type: String

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

Pattern: `[\w -]+`

owners

The owners of the domain unit.

Type: Array of DomainUnitOwnerProperties objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

parentDomainUnitId

The ID of the parent domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "environmentConfigurationId": "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,
          "isUpdateSupported": 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}`

environmentConfigurationId

The configuration ID that is used to create the environment.

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_-]{0,36}`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetEnvironmentAction

Gets the specified environment action.

Request Syntax

```
GET /v2/domains/domainIdentifier/environments/environmentIdentifier/actions/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 `GetEnvironmentAction` API is invoked.

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

Required: Yes

environmentIdentifier

The environment ID of the environment action.

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

Required: Yes

identifier

The ID of the environment action

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "description": "string",
   "domainId": "string",
   "environmentId": "string",
   "id": "string",
   "name": "string",
   "parameters": { ... }
}
```

Response Elements

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

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

description

The description of the environment action.

Type: String

domainId

The ID of the Amazon DataZone domain in which the environment action lives.

Type: String

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

environmentId

The environment ID of the environment action.

Type: String

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

id

The ID of the environment action.

Type: String

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

name

The name of the environment action.

Type: String

parameters

The parameters of the environment action.

Type: ActionParameters object

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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,
         "isUpdateSupported": 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

He 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",
   "environmentRolePermissionBoundary": "string",
   "manageAccessRoleArn": "string",
   "provisioningConfigurations": [
      { ... }
   ],
   "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}`

environmentRolePermissionBoundary

The environment role permissions boundary.

Type: String

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

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+=,.@-]*`

provisioningConfigurations

The provisioning configuration of a blueprint.

Type: Array of ProvisioningConfiguration objects

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 upated.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetEnvironmentCredentials

Gets the credentials of an environment in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/environments/environmentIdentifier/credentials
 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 and its credentials exist.

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

Required: Yes

environmentIdentifier

The ID of the environment whose credentials this operation gets.

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

{
   "accessKeyId": "string",
```

```
   "expiration": "string",
   "secretAccessKey": "string",
   "sessionToken": "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.

accessKeyId

The access key ID of the environment.

Type: String

expiration

The expiration timestamp of the environment credentials.

Type: Timestamp

secretAccessKey

The secret access key of the environment credentials.

Type: String

sessionToken

The session token of the environment credentials.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetEnvironmentProfile

Gets an evinronment 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_-]{0,36}`

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,
         "isUpdateSupported": 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: `\d{12}`

awsAccountRegion

The AWS region where this environment profile exists.

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 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_-]{0,36}`

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 upated.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetFormType

Gets a metadata form type in Amazon DataZone.

Form types define the structure and validation rules for collecting metadata about assets in Amazon DataZone. They act as templates that ensure consistent metadata capture across similar types of assets, while allowing for customization to meet specific organizational needs. Form types can include required fields, validation rules, and dependencies, helping maintain high-quality metadata that makes data assets more discoverable and usable.

- The form type with the specified identifier must exist in the given domain.
- The domain must be valid and active.
- User must have permission on the form type.
- The form type should not be deleted or in an invalid state.

One use case for this API is to determine whether a form field is indexed for search.

A searchable field will be annotated with `@amazon.datazone#searchable`. By default, searchable fields are indexed for semantic search, where related query terms will match the attribute value even if they are not stemmed or keyword matches. If a field is indexed technical identifier search, it will be annotated with `@amazon.datazone#searchable(modes: ["TECHNICAL"])`. If a field is indexed for lexical search (supports stemmed and prefix matches but not semantic matches), it will be annotated with `@amazon.datazone#searchable(modes: ["LEXICAL"])`.

A field storing glossary term IDs (which is filterable) will be annotated with `@amazon.datazone#glossaryterm("${glossaryId}")`.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of GetFormType.

Sample Request

```
aws datazone get-form-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--form-type-identifier "CustomerProfileFormType"
```

Sample Response

```
{
    "createdAt": 1752600481.72,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "imports": [],
    "model": {
        "smithy": "structure CustomerProfileFormType {\n    @required\n    customerId:
 String,\n    firstName: String,\n    lastName: String,\n    email: String\n}"
    },
    "name": "CustomerProfileFormType",
    "owningProjectId": "prj7nx82mkl",
```

```
    "revision": "2",
    "status": "ENABLED"
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone get-form-type \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –form-type-identifier
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone get-form-type \
--domain-identifier "dzd_53ielnpxktdilj" \
--form-type-identifier "NonExistentFormType"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the GetFormType operation:
 The given FormType doesn't exist. Try creating FormType before accessing it.
```

Example

Failure case - invalid input:

Sample Request

```
aws datazone get-form-type \
--domain-identifier "invalid_domain" \
--form-type-identifier "CustomerProfileFormType"
```

Sample Response

```
An error occurred (ValidationException) when calling the GetFormType operation: 1
 validation error detected: Value at 'domainIdentifier' failed to satisfy constraint:
 Member must satisfy regular expression pattern: dzd[-_][a-zA-Z0-9_-]{1,36}
```

See Also

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

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

GetGlossary

Gets a business glossary in Amazon DataZone.

Prerequisites:

- The specified glossary ID must exist and be associated with the given domain.
- The caller must have the `datazone:GetGlossary` permission on the domain.

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",
   "usageRestrictions": [ "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

usageRestrictions

The usage restriction of the restricted glossary.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of GetGlossary.

Sample Request

```
aws datazone get-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls8m3nqx2wkfp"
```

Sample Response

```
{
    "createdAt": 1752573775.274,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "id": "gls8m3nqx2wkfp",
    "name": "CustomerAnalyticsGlossary",
    "owningProjectId": "prj7nx82mkl",
    "status": "ENABLED",
    "updatedAt": 1752573775.274,
    "updatedBy": "usr7nx82mkl"
}
```

Example

Failure case - missing required parameter:

Sample Request

```
aws datazone get-glossary \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone get-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the GetGlossary operation:
 The given Glossary doesn't exist. Try creating Glossary before accessing it.
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetGlossaryTerm

Gets a business glossary term in Amazon DataZone.

Prerequisites:

- Glossary term with identifier must exist in the domain.
- User must have permission on the glossary term.
- Domain must be accessible and active.

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",
   "usageRestrictions": [ "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 decription 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

usageRestrictions

The usage restriction of a term within a restricted glossary.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of GetGlossaryTerm.

Sample Request

```
aws datazone get-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "trm9k4pq7xwnmh"
```

Sample Response

```
{
```

```
    "createdAt": 1752575686.928,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "glossaryId": "gls8m3nqx2wkfp",
    "id": "trm9k4pq7xwnmh",
    "longDescription": "The total value a customer is expected to generate over their
 entire relationship with the business.",
    "name": "CustomerLifetimeValue",
    "shortDescription": "Predicted net profit from a customer relationship",
    "status": "ENABLED",
    "updatedAt": 1752575686.928,
    "updatedBy": "usr7nx82mkl"
}
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone get-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "trm_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the GetGlossaryTerm
 operation: The given GlossaryTerm doesn't exist. Try creating GlossaryTerm before
 accessing it.
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone get-glossary-term \
--identifier "trm9k4pq7xwnmh"
```

Sample Response

```
aws: error: the following arguments are required: –domain-identifier
```

See Also

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

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

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetJobRun

The details of the job run.

Request Syntax

```
GET /v2/domains/domainIdentifier/jobRuns/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain.

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

Required: Yes

identifier

The ID of the job 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",
```

```
    "details": { ... },
    "domainId": "string",
    "endTime": number,
    "error": {
       "message": "string"
    },
    "id": "string",
    "jobId": "string",
    "jobType": "string",
    "runMode": "string",
    "startTime": number,
    "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 the job run was created.

Type: Timestamp

createdBy

The user who created the job run.

Type: String

details

The details of the job run.

Type: JobRunDetails object

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

domainId

The ID of the domain.

Type: String

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

endTime

The timestamp of when the job run ended.

Type: Timestamp

error

The error generated if the action is not completed successfully.

Type: JobRunError object

id

The ID of the job run.

Type: String

jobId

The ID of the job run.

Type: String

jobType

The type of the job run.

Type: String

Valid Values: `LINEAGE`

runMode

The mode of the job run.

Type: String

Valid Values: `SCHEDULED | ON_DEMAND`

startTime

The timestamp of when the job run started.

Type: Timestamp

status

The status of the job run.

Type: String

Valid Values: `SCHEDULED | IN_PROGRESS | SUCCESS | PARTIALLY_SUCCEEDED | FAILED | ABORTED | TIMED_OUT | CANCELED`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetLineageEvent

Describes the lineage event.

Request Syntax

```
GET /v2/domains/domainIdentifier/lineage/events/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain.

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

Required: Yes

identifier

The ID of the lineage event.

Pattern: `[a-z0-9]{14}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Domain-Id: domainId
Id: id
Created-By: createdBy
Processing-Status: processingStatus
Event-Time: eventTime
Created-At: createdAt
```

```
event
```

Response Elements

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

The response returns the following HTTP headers.

createdAt

The timestamp of when the lineage event was created.

createdBy

The user who created the lineage event.

domainId

The ID of the domain.

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

eventTime

The time of the lineage event.

id

The ID of the lineage event.

Pattern: `[a-z0-9]{14}`

processingStatus

The progressing status of the lineage event.

Valid Values: `REQUESTED | PROCESSING | SUCCESS | FAILED`

The response returns the following as the HTTP body.

event

The lineage event details.

Length Constraints: Minimum length of 0. Maximum length of 300000.

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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetLineageNode

Gets the data lineage node.

Request Syntax

```
GET /v2/domains/domainIdentifier/lineage/nodes/identifier?timestamp=eventTimestamp
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain in which you want to get the data lineage node.

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

Required: Yes

eventTimestamp

The event time stamp for which you want to get the data lineage node.

identifier

The ID of the data lineage node that you want to get.

Both, a lineage node identifier generated by Amazon DataZone and a `sourceIdentifier` of the lineage node are supported. If `sourceIdentifier` is greater than 1800 characters, you can use lineage node identifier generated by Amazon DataZone to get the node details.

Length Constraints: Minimum length of 1. Maximum length of 2086.

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",
   "downstreamNodes": [
      {
         "eventTimestamp": number,
         "id": "string"
      }
   ],
   "eventTimestamp": number,
   "formsOutput": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "string"
      }
   ],
   "id": "string",
   "name": "string",
   "sourceIdentifier": "string",
   "typeName": "string",
   "typeRevision": "string",
   "updatedAt": number,
   "updatedBy": "string",
   "upstreamNodes": [
      {
         "eventTimestamp": number,
         "id": "string"
      }
   ]
}
```

Response Elements

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

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

createdAt

The timestamp at which the data lineage node was created.

Type: Timestamp

createdBy

The user who created the data lineage node.

Type: String

description

The description of the data lineage node.

Type: String

domainId

The ID of the domain where you're getting the data lineage node.

Type: String

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

downstreamNodes

The downsteam nodes of the specified data lineage node.

Type: Array of LineageNodeReference objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

eventTimestamp

The timestamp of the event described in the data lineage node.

Type: Timestamp

formsOutput

The metadata of the specified data lineage node.

Type: Array of FormOutput objects

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

id

The ID of the data lineage node.

Type: String

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

name

The name of the data lineage node.

Type: String

sourceIdentifier

The source identifier of the data lineage node.

Type: String

typeName

The name of the type of the specified data lineage node.

Type: String

typeRevision

The revision type of the specified data lineage node.

Type: String

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

updatedAt

The timestamp at which the data lineage node was updated.

Type: Timestamp

updatedBy

The user who updated the data lineage node.

Type: String

upstreamNodes

The upstream nodes of the specified data lineage node.

Type: Array of LineageNodeReference objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetListing

Gets a listing (a record of an asset at a given time). If you specify a listing version, only details that are specific to that version are returned.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetMetadataGenerationRun

Gets a metadata generation run in Amazon DataZone.

Prerequisites:

- Valid domain and run identifier.
- The metadata generation run must exist.
- User must have read access to the metadata run.

Request Syntax

```
GET /v2/domains/domainIdentifier/metadata-generation-runs/identifier?type=type 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

type

The type of the metadata generation run.

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

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",
   "types": [ "string" ],
   "typeStats": [
      {
         "errorMessage": "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 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 | PARTIALLY_SUCCEEDED`

target

The asset for which you're generating metadata.

Type: MetadataGenerationRunTarget object

type

This parameter has been deprecated.

The type of metadata generation run.

Type: String

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

types

The types of the metadata generation run.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

typeStats

The type stats included in the metadata generation run output details.

Type: Array of MetadataGenerationRunTypeStat 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

InternalServerException

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

Examples

Example

This example illustrates one usage of GetMetadataGenerationRun.

Sample Request

```
aws datazone get-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "mgr5g0fy285m1q"
```

Sample Response

```
{
    "createdAt": 1752644436.666,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "id": "mgr5g0fy285m1q",
    "owningProjectId": "prj7nx82mkl",
    "status": "CANCELED",
    "target": {
```

```
        "identifier": "ast6br2md6v9h",
        "revision": "1",
        "type": "ASSET"
    },
    "types": ["BUSINESS_DESCRIPTIONS"]
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone get-metadata-generation-run
```

Sample Response

```
aws: error: the following arguments are required: –domain-identifier, –identifier
```

Example

Failure case - resource not found:

Sample Request

```
aws datazone get-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "mgr_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the GetMetadataGenerationRun
 operation: Requested prediction cannot be found in domain
```

Example

Failure case - validation error:

Sample Request

```
aws datazone get-metadata-generation-run \
--domain-identifier "wrongdomain" \
--identifier "mgr5g0fy285m1q"
```

Sample Response

```
An error occurred (ValidationException) when calling the GetMetadataGenerationRun
 operation: 1 validation error detected: Value at 'domainIdentifier' failed to satisfy
 constraint: Member must satisfy regular expression pattern: dzd[-_][a-zA-Z0-9_-]{1,36}
```

Example

Failure case - service quota exceeded:

Sample Request

```
aws datazone get-metadata-generation-run \
--domain-identifier "wrongdomain" \
--identifier "mgr5g0fy285m1q"
```

Sample Response

```
{
    "createdAt": 1.762972585509E9,
    "createdBy": "SYSTEM",
    "domainId": "dzd_6rexlvjnu84cbr",
```

```
    "id": "4sn866f04fzl47",
    "owningProjectId": "4dc7fa5wzsdup3",
    "status": "FAILED",
    "target": {
        "identifier": "duaeacyg76xovb",
        "revision": "23",
        "type": "ASSET"
    },
    "typeStats": [{
        "errorMessage": "business name generation has reached monthly quota",
        "status": "FAILED",
        "type": "BUSINESS_NAMES"
    }],
    "types": [
        "BUSINESS_NAMES"
    ]
}
```

Example

GetMetadataGenerationRun with specific type:

Sample Request

```
aws datazone get-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "mgr5g0fy285m1q"
--type "BUSINESS_NAMES"
```

Sample Response

```
{
  "createdAt": 1.762021397763E9,
  "createdBy": "",
  "domainId": "dzd_53ielnpxktdilj",
  "id": "mgr5g0fy285m1q",
  "owningProjectId": "4dc7fa5wzsdup3",
  "status": "SUCCEEDED",
  "target": {
```

```
    "identifier": "cy61vbvez4nuw7",
    "revision": "12",
    "type": "ASSET"
  },
  "type": "BUSINESS_NAMES",
  "typeStats": [
    {
      "status": "SUCCEEDED",
      "type": "BUSINESS_NAMES"
    }
  ],
  "types": [
    "BUSINESS_NAMES"
  ]
}
```


See Also

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

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

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",
```

```
   "domainUnitId": "string",
   "environmentDeploymentDetails": {
      "environmentFailureReasons": {
         "string" : [
            {
               "code": "string",
               "message": "string"
            }
         ]
      },
      "overallDeploymentStatus": "string"
   },
   "failureReasons": [
      {
         "code": "string",
         "message": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "id": "string",
   "lastUpdatedAt": "string",
   "name": "string",
   "projectProfileId": "string",
   "projectStatus": "string",
   "resourceTags": [
      {
         "key": "string",
         "source": "string",
         "value": "string"
      }
   ],
   "userParameters": [
      {
         "environmentConfigurationName": "string",
         "environmentId": "string",
         "environmentParameters": [
            {
               "name": "string",
               "value": "string"
            }
         ],
         "environmentResolvedAccount": {
            "awsAccountId": "string",
            "regionName": "string",
```

```
            "sourceAccountPoolId": "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}`

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentDeploymentDetails

The environment deployment status of a project.

Type: EnvironmentDeploymentDetails object

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 -]+`

projectProfileId

The ID of the project profile of a project.

Type: String

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

projectStatus

The status of the project.

Type: String

Valid Values: `ACTIVE | DELETING | DELETE_FAILED | UPDATING | UPDATE_FAILED | MOVING`

resourceTags

The resource tags of the project.

Type: Array of ResourceTag objects

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

userParameters

The user parameters of a project.

Type: Array of EnvironmentConfigurationUserParameter 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetProjectProfile

The details of the project profile.

Request Syntax

```
GET /v2/domains/domainIdentifier/project-profiles/identifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain.

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

Required: Yes

identifier

The ID of the project 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

{
   "allowCustomProjectResourceTags": boolean,
   "createdAt": "string",
   "createdBy": "string",
   "description": "string",
```

```
   "domainId": "string",
   "domainUnitId": "string",
   "environmentConfigurations": [
      {
         "accountPools": [ "string" ],
         "awsAccount": { ... },
         "awsRegion": { ... },
         "configurationParameters": {
            "parameterOverrides": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "resolvedParameters": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "ssmPath": "string"
         },
         "deploymentMode": "string",
         "deploymentOrder": number,
         "description": "string",
         "environmentBlueprintId": "string",
         "id": "string",
         "name": "string"
      }
   ],
   "id": "string",
   "lastUpdatedAt": "string",
   "name": "string",
   "projectResourceTags": [
      {
         "isValueEditable": boolean,
         "key": "string",
         "value": "string"
      }
   ],
   "projectResourceTagsDescription": "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.

allowCustomProjectResourceTags

Specifies whether custom project resource tags are supported.

Type: Boolean

createdAt

The timestamp of when the project profile was created.

Type: Timestamp

createdBy

The user who created the project profile.

Type: String

description

The description of the project profile.

Type: String

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

domainId

The ID of the domain of the project profile.

Type: String

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

domainUnitId

The ID of the domain unit of the project profile.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentConfigurations

The environment configurations of the project profile.

Type: Array of EnvironmentConfiguration objects

id

The ID of the project profile.

Type: String

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

lastUpdatedAt

The timestamp of when project profile was last updated.

Type: Timestamp

name

The name of the project profile.

Type: String

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

Pattern: `[\w -]+`

projectResourceTags

The resource tags of the project profile.

Type: Array of ResourceTagParameter objects

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

projectResourceTagsDescription

Field viewable through the UI that provides a project user with the allowed resource tag specifications.

Type: String

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

status

The status of the project profile.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetRule

Gets the details of a rule in Amazon DataZone. A rule is a formal agreement that enforces specific requirements across user workflows (e.g., publishing assets to the catalog, requesting subscriptions, creating projects) within the Amazon DataZone data portal. These rules help maintain consistency, ensure compliance, and uphold governance standards in data management processes. For instance, a metadata enforcement rule can specify the required information for creating a subscription request or publishing a data asset to the catalog, ensuring alignment with organizational standards.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the `GetRule` action is to be invoked.

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

Required: Yes

identifier

The ID of the rule.

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

Required: Yes

revision

The revision of the rule.

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

{
   "action": "string",
   "createdAt": number,
   "createdBy": "string",
   "description": "string",
   "detail": { ... },
   "identifier": "string",
   "lastUpdatedBy": "string",
   "name": "string",
   "revision": "string",
   "ruleType": "string",
   "scope": {
      "assetType": {
         "selectionMode": "string",
         "specificAssetTypes": [ "string" ]
      },
      "dataProduct": boolean,
      "project": {
         "selectionMode": "string",
         "specificProjects": [ "string" ]
      }
   },
   "target": { ... },
   "targetType": "string",
   "updatedAt": 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.

action

The action of the rule.

Type: String

Valid Values: `CREATE_LISTING_CHANGE_SET | CREATE_SUBSCRIPTION_REQUEST`

createdAt

The timestamp at which the rule was created.

Type: Timestamp

createdBy

The user who created the rule.

Type: String

description

The description of the rule.

Type: String

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

detail

The detail of the rule.

Type: RuleDetail object

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

identifier

The ID of the rule.

Type: String

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

lastUpdatedBy

The timestamp at which the rule was last updated.

Type: String

name

The name of the rule.

Type: String

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

Pattern: `[\w -]+`

revision

The revision of the rule.

Type: String

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

ruleType

The type of the rule.

Type: String

Valid Values: `METADATA_FORM_ENFORCEMENT | GLOSSARY_TERM_ENFORCEMENT`

scope

The scope of the rule.

Type: RuleScope object

target

The target of the rule.

Type: RuleTarget object

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

targetType

The target type of the rule.

Type: String

Valid Values: DOMAIN_UNIT

updatedAt

The timestamp at which the rule was last 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
```

```
            "assetScope": {
               "assetId": "string",
               "errorMessage": "string",
               "filterIds": [ "string" ],
               "status": "string"
            },
            "failureCause": {
               "message": "string"
            },
            "failureTimestamp": number,
            "grantedTimestamp": number,
            "permissions": { ... },
            "status": "string",
            "targetName": "string"
         }
      ],
      "createdAt": number,
      "createdBy": "string",
      "domainId": "string",
      "environmentId": "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}`

environmentId

The environment ID of the subscription grant.

Type: String

Pattern: `[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

This parameter has been deprecated.

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 upated.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "existingSubscriptionId": "string",
   "id": "string",
   "metadataForms": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "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}`

existingSubscriptionId

The ID of the existing subscription.

Type: String

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

id

The identifier of the subscription request.

Type: String

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

metadataForms

The metadata forms included in the subscription request.

Type: Array of FormOutput objects

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "subscriptionGrantCreationMode": "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 20 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

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

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

subscriptionGrantCreationMode

Determines the subscription grant creation mode for this target, defining if grants are auto-created upon subscription approval or managed manually.

Type: String

Valid Values: `AUTOMATIC | MANUAL`

subscriptionTargetConfig

The configuration of teh 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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 user profile details.

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListAccountPools

Lists existing account pools.

Request Syntax

```
GET /v2/domains/domainIdentifier/account-pools?
maxResults=maxResults&name=name&nextToken=nextToken&sortBy=sortBy&sortOrder=sortOrder
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where exsting account pools are to be listed.

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

Required: Yes

maxResults

The maximum number of account pools to return in a single call to ListAccountPools. When the number of account pools 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 ListAccountPools to list the next set of account pools.

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

name

The name of the account pool to be listed.

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

Pattern: `[\w -]+`

nextToken

When the number of account pools 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

account pools, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListAccountPools to list the next set of account pools.

Length Constraints: Minimum length of 1. Maximum length of 8192.

sortBy

The sort by mechanism in which the existing account pools are to be listed.

Valid Values: NAME

sortOrder

The sort order in which the existing account pools are to be listed.

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": [
      {
         "createdBy": "string",
         "domainId": "string",
         "domainUnitId": "string",
         "id": "string",
         "name": "string",
         "resolutionStrategy": "string",
         "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 ListAccountPools operation.

Type: Array of AccountPoolSummary objects

nextToken

When the number of account pools 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 account pools, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListAccountPools to list the next set of account pools.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListAccountsInAccountPool

Lists the accounts in the specified account pool.

Request Syntax

```
GET /v2/domains/domainIdentifier/account-pools/identifier/accounts?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain in which the accounts in the specified account pool are to be listed.

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

Required: Yes

identifier

The ID of the account pool whose accounts are to be listed.

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

Required: Yes

maxResults

The maximum number of accounts to return in a single call to ListAccountsInAccountPool. When the number of accounts 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 ListAccountsInAccountPool to list the next set of accounts.

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

nextToken

When the number of accounts 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 accounts, the

response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListAccountsInAccountPool to list the next set of accounts.

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": [
      {
         "awsAccountId": "string",
         "awsAccountName": "string",
         "supportedRegions": [ "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 ListAccountsInAccountPool operation.

Type: Array of AccountInfo objects

Array Members: Minimum number of 1 item. Maximum number of 25 items.

nextToken

When the number of accounts 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 accounts, the

response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListAccountsInAccountPool to list the next set of accounts.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListAssetFilters

Lists asset filters.

Prerequisites:

- A valid domain and asset must exist.
- The asset must have at least one filter created to return results.

Request Syntax

```
GET /v2/domains/domainIdentifier/assets/assetIdentifier/filters?
maxResults=maxResults&nextToken=nextToken&status=status HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assetIdentifier

The ID of the data asset.

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

Required: Yes

domainIdentifier

The ID of the domain where you want to list asset filters.

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

Required: Yes

maxResults

The maximum number of asset filters to return in a single call to `ListAssetFilters`. When the number of asset filters 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 `ListAssetFilters` to list the next set of asset filters.

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

nextToken

When the number of asset filters 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 asset filters, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListAssetFilters` to list the next set of asset filters.

Length Constraints: Minimum length of 1. Maximum length of 8192.

status

The status of the asset filter.

Valid Values: `VALID | INVALID`

Request Body

The request does not have a request body.

Response Syntax

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

{
   "items": [
      {
         "assetId": "string",
         "createdAt": number,
         "description": "string",
         "domainId": "string",
         "effectiveColumnNames": [ "string" ],
         "effectiveRowFilter": "string",
         "errorMessage": "string",
         "id": "string",
         "name": "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 `ListAssetFilters` action.

Type: Array of AssetFilterSummary objects

nextToken

When the number of asset filters 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 asset filters, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListAssetFilters` to list the next set of asset filters.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of ListAssetFilters.

Sample Request

```
aws datazone list-asset-filters \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4"
```

Sample Response

```
{
    "items": [{
        "assetId": "ast7k9mpq2xvn4",
        "createdAt": 1752651315.63,
        "description": "Filter for customer PII data",
        "domainId": "dzd_53ielnpxktdilj",
```

```
        "effectiveColumnNames": [
            "customer_id",
            "email",
            "phone_number",
            "address"
        ],
        "id": "flt8p2mq3xvn5",
        "name": "customer-pii-filter",
        "status": "VALID"
    }]
}
```

Example

Failure case - missing required `--asset-identifier`:

Sample Request

```
aws datazone list-asset-filters \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –asset-identifier
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2

- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListAssetRevisions

Lists the revisions for the asset.

Prerequisites:

- The asset must exist in the domain.
- There must be at least one revision of the asset (which happens automatically after creation).
- The domain must be valid and active.
- User must have permissions on the asset and domain.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of ListAssetRevisions.

Sample Request

```
aws datazone list-asset-revisions \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "ast7k9mpq2xvn4"
```

Sample Response

```
{
    "items": [
        {
            "createdAt": 1752601021.227,
            "createdBy": "usr7nx82mkl",
            "domainId": "dzd_53ielnpxktdilj",
            "id": "ast7k9mpq2xvn4",
            "revision": "2"
        },
        {
            "createdAt": 1752554243.917,
            "createdBy": "usr7nx82mkl",
            "domainId": "dzd_53ielnpxktdilj",
```

```
            "id": "ast7k9mpq2xvn4",
            "revision": "1"
        }
    ]
}
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone list-asset-revisions \ --domain-identifier "dzd_53ielnpxktdilj" \ --
identifier "ast_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the ListAssetRevisions
 operation: The given Asset doesn't exist. Try creating Asset before accessing it.
```

Example

Failure case - missing required parameter

Sample Request

```
aws datazone list-asset-revisions \
--identifier "ast7k9mpq2xvn4"
```

Sample Response

```
aws: error: the following arguments are required: —domain-identifier
```

See Also

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

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

ListConnections

Lists connections. In Amazon DataZone, a connection enables you to connect your resources (domains, projects, and environments) to external resources and services.

Request Syntax

```
GET /v2/domains/domainIdentifier/connections?
environmentIdentifier=environmentIdentifier&maxResults=maxResults&name=name&nextToken=nextToken
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to list connections.

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

Required: Yes

environmentIdentifier

The ID of the environment where you want to list connections.

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

maxResults

The maximum number of connections to return in a single call to ListConnections. When the number of connections 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 ListConnections to list the next set of connections.

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

name

The name of the connection.

Length Constraints: Minimum length of 0. Maximum length of 64.

nextToken

When the number of connections 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 connections, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListConnections to list the next set of connections.

Length Constraints: Minimum length of 1. Maximum length of 8192.

projectIdentifier

The ID of the project where you want to list connections.

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

scope

The scope of the connection.

Valid Values: `DOMAIN | PROJECT`

sortBy

Specifies how you want to sort the listed connections.

Valid Values: `NAME`

sortOrder

Specifies the sort order for the listed connections.

Valid Values: `ASCENDING | DESCENDING`

type

The type of connection.

Valid Values: `ATHENA | BIGQUERY | DATABRICKS | DOCUMENTDB | DYNAMODB | HYPERPOD | IAM | MYSQL | OPENSEARCH | ORACLE | POSTGRESQL | REDSHIFT | S3 | SAPHANA | SNOWFLAKE | SPARK | SQLSERVER | TERADATA | VERTICA | WORKFLOWS_MWAA | AMAZON_Q | MLFLOW`

Request Body

The request does not have a request body.

Response Syntax

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

{
   "items": [
      {
         "connectionId": "string",
         "domainId": "string",
         "domainUnitId": "string",
         "environmentId": "string",
         "name": "string",
         "physicalEndpoints": [
            {
               "awsLocation": {
                  "accessRole": "string",
                  "awsAccountId": "string",
                  "awsRegion": "string",
                  "iamConnectionId": "string"
               },
               "enableTrustedIdentityPropagation": boolean,
               "glueConnection": {
                  "athenaProperties": {
                     "string" : "string"
                  },
                  "authenticationConfiguration": {
                     "authenticationType": "string",
                     "oAuth2Properties": {
                        "authorizationCodeProperties": {
                           "authorizationCode": "string",
                           "redirectUri": "string"
                        },
                        "oAuth2ClientApplication": {
                           "aWSManagedClientApplicationReference": "string",
                           "userManagedClientApplicationClientId": "string"
                        },
                        "oAuth2Credentials": {
                           "accessToken": "string",
                           "jwtToken": "string",
                           "refreshToken": "string",
                           "userManagedClientApplicationClientSecret": "string"
                        },
```

```
                        "oAuth2GrantType": "string",
                        "tokenUrl": "string",
                        "tokenUrlParametersMap": {
                           "string" : "string"
                        }
                     },
                     "secretArn": "string"
                  },
                  "compatibleComputeEnvironments": [ "string" ],
                  "connectionProperties": {
                     "string" : "string"
                  },
                  "connectionSchemaVersion": number,
                  "connectionType": "string",
                  "creationTime": number,
                  "description": "string",
                  "lastConnectionValidationTime": number,
                  "lastUpdatedBy": "string",
                  "lastUpdatedTime": number,
                  "matchCriteria": [ "string" ],
                  "name": "string",
                  "physicalConnectionRequirements": {
                     "availabilityZone": "string",
                     "securityGroupIdList": [ "string" ],
                     "subnetId": "string",
                     "subnetIdList": [ "string" ]
                  },
                  "pythonProperties": {
                     "string" : "string"
                  },
                  "sparkProperties": {
                     "string" : "string"
                  },
                  "status": "string",
                  "statusReason": "string"
               },
               "glueConnectionName": "string",
               "host": "string",
               "port": number,
               "protocol": "string",
               "stage": "string"
            }
         ],
         "projectId": "string",
```

```
            "props": { ... },
            "scope": "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 ListConnections action.

Type: Array of ConnectionSummary objects

nextToken

When the number of connections 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 connections, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListConnections to list the next set of connections.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListDataProductRevisions

Lists data product revisions.

Prerequisites:

- The data product ID must exist within the domain.
- User must have view permissions on the data product.
- The domain must be in a valid and accessible state.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-products/identifier/revisions?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain of the data product revisions that you want to list.

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

Required: Yes

identifier

The ID of the data product revision.

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

Required: Yes

maxResults

The maximum number of asset filters to return in a single call to `ListDataProductRevisions`. When the number of data product 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 `ListDataProductRevisions` to list the next set of data product revisions.

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

nextToken

When the number of data product 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 data product revisions, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDataProductRevisions` to list the next set of data product 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 `ListDataProductRevisions` action.

Type: Array of DataProductRevision objects

nextToken

When the number of data product 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 data product revisions, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListDataProductRevisions` to list the next set of data product 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

InternalServerException

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

Examples

Example

This example illustrates one usage of ListDataProductRevisions.

Sample Request

```
aws datazone list-data-product-revisions \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd9m3nqx2wkfp"
```

Sample Response

```
{
    "items": [
        {
            "createdAt": 1752602995.424,
            "createdBy": "usr7nx82mkl",
            "domainId": "dzd_53ielnpxktdilj",
            "id": "dpd9m3nqx2wkfp",
            "revision": "2"
        },
        {
            "createdAt": 1752602810.307,
```

```
            "createdBy": "usr7nx82mkl",
            "domainId": "dzd_53ielnpxktdilj",
            "id": "dpd9m3nqx2wkfp",
            "revision": "1"
        }
    ]
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone list-data-product-revisions \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –identifier
```

Example

Failure case - resource not found:

Sample Request

```
aws datazone list-data-product-revisions \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "dpd_nonexistent"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the ListDataProductRevisions
 operation: Requested dataProduct cannot be found in domain
```

See Also

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

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

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"
         },
         "lineageSummary": {
            "errorMessage": "string",
            "eventId": "string",
            "eventStatus": "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

InternalServerException

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 V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
         "lineageSummary": {
            "importStatus": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListDataSources

Lists data sources in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/data-sources?
connectionIdentifier=connectionIdentifier&environmentIdentifier=environmentIdentifier&maxResult
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

connectionIdentifier

The ID of the connection.

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": [
      {
         "connectionId": "string",
```

```
            "createdAt": "string",
            "dataSourceId": "string",
            "description": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
         "domainVersion": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListDomainUnitsForParent

Lists child domain units for the specified parent domain unit.

Request Syntax

```
GET /v2/domains/domainIdentifier/domain-units?
maxResults=maxResults&nextToken=nextToken&parentDomainUnitIdentifier=parentDomainUnitIdentifier
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain in which you want to list domain units for a parent domain unit.

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

Required: Yes

maxResults

The maximum number of domain units to return in a single call to ListDomainUnitsForParent. When the number of domain units 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 ListDomainUnitsForParent to list the next set of domain units.

Valid Range: Minimum value of 1. Maximum value of 25.

nextToken

When the number of domain units 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 domain units, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListDomainUnitsForParent to list the next set of domain units.

Length Constraints: Minimum length of 1. Maximum length of 8192.

parentDomainUnitIdentifier

The ID of the parent domain unit.

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

Pattern: `[a-z0-9_\-]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "items": [
      {
         "id": "string",
         "name": "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 returned by this action.

Type: Array of DomainUnitSummary objects

nextToken

When the number of domain units 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 domain units, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListDomainUnitsForParent to list the next set of domain units.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListEntityOwners

Lists the entity (domain units) owners.

Request Syntax

```
GET /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/owners?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to list entity owners.

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

Required: Yes

entityIdentifier

The ID of the entity that you want to list.

Required: Yes

entityType

The type of the entity that you want to list.

Valid Values: `DOMAIN_UNIT`

Required: Yes

maxResults

The maximum number of entities to return in a single call to `ListEntityOwners`. When the number of entities 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 `ListEntityOwners` to list the next set of entities.

Valid Range: Minimum value of 1. Maximum value of 25.

nextToken

When the number of entities 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 entities, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEntityOwners` to list the next set of entities.

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

{
   "nextToken": "string",
   "owners": [
      { ... }
   ]
}
```

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 entities 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 entities, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEntityOwners` to list the next set of entities.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

owners

The owners of the entity.

Type: Array of OwnerPropertiesOutput 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListEnvironmentActions

Lists existing environment actions.

Request Syntax

```
GET /v2/domains/domainIdentifier/environments/environmentIdentifier/actions?
maxResults=maxResults&nextToken=nextToken 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 actions are listed.

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

Required: Yes

environmentIdentifier

The ID of the envrironment whose environment actions are listed.

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

Required: Yes

maxResults

The maximum number of environment actions to return in a single call to `ListEnvironmentActions`. When the number of environment actions 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 `ListEnvironmentActions` to list the next set of environment actions.

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

nextToken

When the number of environment actions 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 actions, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentActions` to list the next set of environment actions.

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": [
      {
         "description": "string",
         "domainId": "string",
         "environmentId": "string",
         "id": "string",
         "name": "string",
         "parameters": { ... }
      }
   ],
   "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 `ListEnvironmentActions`.

Type: Array of EnvironmentActionSummary objects

nextToken

When the number of environment actions 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 actions, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListEnvironmentActions` to list the next set of environment actions.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
         "environmentRolePermissionBoundary": "string",
         "manageAccessRoleArn": "string",
         "provisioningConfigurations": [
            { ... }
         ],
         "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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 `ListEnvironmentBlueprintsto` 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 `ListEnvironmentBlueprintsto` 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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: `\d{12}`

awsAccountRegion

The AWS region where you want to list environment profiles.

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 blueprint that was used to create the environment profiles that you want to list.

Pattern: `[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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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_-]{0,36}`

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",
         "environmentConfigurationId": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListJobRuns

Lists job runs.

Request Syntax

```
GET /v2/domains/domainIdentifier/jobs/jobIdentifier/runs?
maxResults=maxResults&nextToken=nextToken&sortOrder=sortOrder&status=status HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to list job runs.

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

Required: Yes

jobIdentifier

The ID of the job run.

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

Required: Yes

maxResults

The maximum number of job runs to return in a single call to ListJobRuns. When the number of job 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 ListJobRuns to list the next set of job runs.

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

nextToken

When the number of job 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 job runs, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListJobRuns to list the next set of job runs.

Length Constraints: Minimum length of 1. Maximum length of 8192.

sortOrder

Specifies the order in which job runs are to be sorted.

Valid Values: `ASCENDING | DESCENDING`

status

The status of a job run.

Valid Values: `SCHEDULED | IN_PROGRESS | SUCCESS | PARTIALLY_SUCCEEDED | FAILED | ABORTED | TIMED_OUT | CANCELED`

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",
         "endTime": number,
         "error": {
            "message": "string"
         },
         "jobId": "string",
         "jobType": "string",
         "runId": "string",
         "runMode": "string",
         "startTime": number,
         "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 ListJobRuns action.

Type: Array of JobRunSummary objects

nextToken

When the number of job 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 job runs, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListJobRuns to list the next set of job 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListLineageEvents

Lists lineage events.

Request Syntax

```
GET /v2/domains/domainIdentifier/lineage/events?
maxResults=maxResults&nextToken=nextToken&processingStatus=processingStatus&sortOrder=sortOrder
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to list lineage events.

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

Required: Yes

maxResults

The maximum number of lineage events to return in a single call to ListLineageEvents. When the number of lineage events 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 ListLineageEvents to list the next set of lineage events.

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

nextToken

When the number of lineage events 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 lineage events, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListLineageEvents to list the next set of lineage events.

Length Constraints: Minimum length of 1. Maximum length of 8192.

processingStatus

The processing status of a lineage event.

Valid Values: REQUESTED | PROCESSING | SUCCESS | FAILED

sortOrder

The sort order of the lineage events.

Valid Values: ASCENDING | DESCENDING

timestampAfter

The after timestamp of a lineage event.

timestampBefore

The before timestamp of a lineage event.

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",
         "eventSummary": { ... },
         "eventTime": number,
         "id": "string",
         "processingStatus": "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 ListLineageEvents action.

Type: Array of LineageEventSummary objects

nextToken

When the number of lineage events 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 lineage events, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListLineageEvents to list the next set of lineage events.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListLineageNodeHistory

Lists the history of the specified data lineage node.

Request Syntax

```
GET /v2/domains/domainIdentifier/lineage/nodes/identifier/history?
direction=direction&maxResults=maxResults&nextToken=nextToken&sortOrder=sortOrder&timestampGTE=
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

direction

The direction of the data lineage node refers to the lineage node having neighbors in that direction. For example, if direction is `UPSTREAM`, the `ListLineageNodeHistory` API responds with historical versions with upstream neighbors only.

Valid Values: `UPSTREAM | DOWNSTREAM`

domainIdentifier

The ID of the domain where you want to list the history of the specified data lineage node.

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

Required: Yes

eventTimestampGTE

Specifies whether the action is to return data lineage node history from the time after the event timestamp.

eventTimestampLTE

Specifies whether the action is to return data lineage node history from the time prior of the event timestamp.

identifier

The ID of the data lineage node whose history you want to list.

Length Constraints: Minimum length of 1. Maximum length of 2086.

Required: Yes

maxResults

The maximum number of history items to return in a single call to ListLineageNodeHistory. 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 ListLineageNodeHistory to list the next set of items.

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

nextToken

When the number of history items 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 items, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListLineageNodeHistory to list the next set of items.

Length Constraints: Minimum length of 1. Maximum length of 8192.

sortOrder

The order by which you want data lineage node history to be sorted.

Valid Values: `ASCENDING | DESCENDING`

Request Body

The request does not have a request body.

Response Syntax

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

{
   "nextToken": "string",
   "nodes": [
      {
         "createdAt": number,
         "createdBy": "string",
         "description": "string",
         "domainId": "string",
```

```
            "eventTimestamp": number,
            "id": "string",
            "name": "string",
            "sourceIdentifier": "string",
            "typeName": "string",
            "typeRevision": "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.

nextToken

When the number of history items 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 items, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListLineageNodeHistory to list the next set of items.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

nodes

The nodes returned by the ListLineageNodeHistory action.

Type: Array of LineageNodeSummary 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListMetadataGenerationRuns

Lists all metadata generation runs.

Metadata generation runs represent automated processes that leverage AI/ML capabilities to create or enhance asset metadata at scale. This feature helps organizations maintain comprehensive and consistent metadata across large numbers of assets without manual intervention. It can automatically generate business descriptions, tags, and other metadata elements, significantly reducing the time and effort required for metadata management while improving consistency and completeness.

Prerequisites:

- Valid domain identifier.
- User must have access to metadata generation runs in the domain.

Request Syntax

```
GET /v2/domains/domainIdentifier/metadata-generation-runs?
maxResults=maxResults&nextToken=nextToken&status=status&targetIdentifier=targetIdentifier&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 | PARTIALLY_SUCCEEDED`

targetIdentifier

The target ID for which you want to list metadata generation runs.

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

type

The type of the metadata generation runs.

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

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",
         "types": [ "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

InternalServerException

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

Examples

Example

This example illustrates one usage of ListMetadataGenerationRuns.

Sample Request

```
aws datazone list-metadata-generation-runs --domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response


```
{
    "items": [{
            "createdAt": 1752642939.631,
            "createdBy": "usr7nx82mkl",
            "domainId": "dzd_53ielnpxktdilj",
            "id": "mgr3tlpxo4mg5q",
            "owningProjectId": "prj7nx82mkl",
            "status": "SUCCEEDED",
            "target": {
                "identifier": "ast7k9mpq2xvn4",
                "revision": "1",
                "type": "ASSET"
            },
            "types": ["BUSINESS_DESCRIPTIONS"]
        },
        {
            "createdAt": 1752643907.566,
            "createdBy": "usr7nx82mkl",
            "domainId": "dzd_53ielnpxktdilj",
            "id": "mgr487vbdcqwn8",
            "owningProjectId": "prj7nx82mkl",
            "status": "SUCCEEDED",
            "target": {
                "identifier": "ast7k9mpq2xvn4",
                "revision": "4",
                "type": "ASSET"
            },
            "types": ["BUSINESS_DESCRIPTIONS"]
        },
        {
            "createdAt": 1752644436.666,
            "createdBy": "usr7nx82mkl",
            "domainId": "dzd_53ielnpxktdilj",
            "id": "mgr5g0fy285m1q",
```

```
            "owningProjectId": "prj7nx82mkl",
            "status": "CANCELED",
            "target": {
                "identifier": "ast6br2md6v9h",
                "revision": "1",
                "type": "ASSET"
            },
            "types": ["BUSINESS_DESCRIPTIONS"]
        }
    ]
}
```

Example

Failuse case - missing parameter:

Sample Request

```
aws datazone list-metadata-generation-runs
```

Sample Response

```
aws: error: the following arguments are required: —domain-identifier
```

Example

Failure case - invalid input:

Sample Request

```
aws datazone list-metadata-generation-runs --domain-identifier "invalid_domain"
```

Sample Response

```
An error occurred (ValidationException) when calling the ListMetadataGenerationRuns
 operation: 1 validation error detected: Value at 'domainIdentifier' failed to satisfy
 constraint: Member must satisfy regular expression pattern: dzd[-_][a-zA-Z0-9_-]{1,36}
```

Example

ListMetadataGenerationRuns with multiple filters:

Sample Request

```
aws datazone get-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--type "BUSINESS_NAMES"
--status "SUCCEEDED"
--target-identifier "cy61vbvez4nuw7"
```

Sample Response

```
{
  "items": [
    {
      "createdAt": 1.762021397763E9,
      "createdBy": "",
      "domainId": "dzd_53ielnpxktdilj",
      "id": "bcbuj2s3uooylj",
      "owningProjectId": "4dc7fa5wzsdup3",
      "status": "SUCCEEDED",
      "target": {
        "identifier": "cy61vbvez4nuw7",
        "revision": "12",
        "type": "ASSET"
      },
      "type": "BUSINESS_NAMES",
      "types": [
        "BUSINESS_NAMES"
      ]
    }
  ]
}
```

See Also

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

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

ListNotifications

Lists all Amazon DataZone notifications.

Request Syntax

```
GET /v2/domains/domainIdentifier/notifications?
afterTimestamp=afterTimestamp&beforeTimestamp=beforeTimestamp&maxResults=maxResults&nextToken=n
 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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListPolicyGrants

Lists policy grants.

Request Syntax

```
GET /v2/domains/domainIdentifier/policies/managed/entityType/entityIdentifier/grants?
maxResults=maxResults&nextToken=nextToken&policyType=policyType HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to list policy grants.

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

Required: Yes

entityIdentifier

The ID of the entity for which you want to list policy grants.

Required: Yes

entityType

The type of entity for which you want to list policy grants.

Valid Values: `DOMAIN_UNIT | ENVIRONMENT_BLUEPRINT_CONFIGURATION | ENVIRONMENT_PROFILE | ASSET_TYPE`

Required: Yes

maxResults

The maximum number of grants to return in a single call to `ListPolicyGrants`. When the number of 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 `ListPolicyGrants` to list the next set of grants.

Valid Range: Minimum value of 1. Maximum value of 25.

nextToken

When the number of 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 grants, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListPolicyGrants` to list the next set of grants.

Length Constraints: Minimum length of 1. Maximum length of 8192.

policyType

The type of policy that you want to list.

Valid Values: `CREATE_DOMAIN_UNIT | OVERRIDE_DOMAIN_UNIT_OWNERS | ADD_TO_PROJECT_MEMBER_POOL | OVERRIDE_PROJECT_OWNERS | CREATE_GLOSSARY | CREATE_FORM_TYPE | CREATE_ASSET_TYPE | CREATE_PROJECT | CREATE_ENVIRONMENT_PROFILE | DELEGATE_CREATE_ENVIRONMENT_PROFILE | CREATE_ENVIRONMENT | CREATE_ENVIRONMENT_FROM_BLUEPRINT | CREATE_PROJECT_FROM_PROJECT_PROFILE | USE_ASSET_TYPE`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "grantList": [
      {
         "createdAt": number,
         "createdBy": "string",
         "detail": { ... },
         "grantId": "string",
         "principal": { ... }
      }
```

```
    ],
    "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.

grantList

The results of this action - the listed grants.

Type: Array of PolicyGrantMember objects

nextToken

When the number of 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 grants, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListPolicyGrants` to list the next set of 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListProjectProfiles

Lists project profiles.

Request Syntax

```
GET /v2/domains/domainIdentifier/project-profiles?
maxResults=maxResults&name=name&nextToken=nextToken&sortBy=sortBy&sortOrder=sortOrder
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to list project profiles.

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

Required: Yes

maxResults

The maximum number of project profiles to return in a single call to ListProjectProfiles. When the number of project 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 ListProjectProfiles to list the next set of project profiles.

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

name

The name of a project profile.

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

Pattern: `[\w -]+`

nextToken

When the number of project 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

project profiles, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListProjectProfiles to list the next set of project profiles.

Length Constraints: Minimum length of 1. Maximum length of 8192.

sortBy

Specifies by what to sort project profiles.

Valid Values: NAME

sortOrder

Specifies the sort order of the project profiles.

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": [
      {
         "createdAt": "string",
         "createdBy": "string",
         "description": "string",
         "domainId": "string",
         "domainUnitId": "string",
         "id": "string",
         "lastUpdatedAt": "string",
         "name": "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 ListProjectProfiles action.

Type: Array of ProjectProfileSummary objects

nextToken

When the number of project 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 project profiles, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListProjectProfiles to list the next set of project 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListProjects

Lists Amazon DataZone projects.

Request Syntax

```
GET /v2/domains/domainIdentifier/projects?
groupIdentifier=groupIdentifier&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

groupIdentifier

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",
         "domainUnitId": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListRules

Lists existing rules. In Amazon DataZone, a rule is a formal agreement that enforces specific requirements across user workflows (e.g., publishing assets to the catalog, requesting subscriptions, creating projects) within the Amazon DataZone data portal. These rules help maintain consistency, ensure compliance, and uphold governance standards in data management processes. For instance, a metadata enforcement rule can specify the required information for creating a subscription request or publishing a data asset to the catalog, ensuring alignment with organizational standards.

Request Syntax

```
GET /v2/domains/domainIdentifier/list-rules/targetType/targetIdentifier?
assetTypes=assetTypes&dataProduct=dataProduct&includeCascaded=includeCascaded&maxResults=maxRes
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

action

The action of the rule.

Valid Values: `CREATE_LISTING_CHANGE_SET | CREATE_SUBSCRIPTION_REQUEST`

assetTypes

The asset types of the rule.

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

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

dataProduct

The data product of the rule.

domainIdentifier

The ID of the domain in which the rules are to be listed.

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

Required: Yes

includeCascaded

Specifies whether to include cascading rules in the results.

maxResults

The maximum number of rules to return in a single call to `ListRules`. When the number of rules 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 `ListRules` to list the next set of rules.

Valid Range: Minimum value of 25. Maximum value of 50.

nextToken

When the number of rules 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 rules, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListRules` to list the next set of rules.

Length Constraints: Minimum length of 1. Maximum length of 8192.

projectIds

The IDs of projects in which rules are to be listed.

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

ruleType

The type of the rule.

Valid Values: `METADATA_FORM_ENFORCEMENT | GLOSSARY_TERM_ENFORCEMENT`

targetIdentifier

The target ID of the rule.

Required: Yes

targetType

The target type of the rule.

Valid Values: `DOMAIN_UNIT`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "items": [
      {
         "action": "string",
         "identifier": "string",
         "lastUpdatedBy": "string",
         "name": "string",
         "revision": "string",
         "ruleType": "string",
         "scope": {
            "assetType": {
               "selectionMode": "string",
               "specificAssetTypes": [ "string" ]
            },
            "dataProduct": boolean,
            "project": {
               "selectionMode": "string",
               "specificProjects": [ "string" ]
            }
         },
         "target": { ... },
         "targetType": "string",
         "updatedAt": number
      }
   ],
   "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 `ListRules` action.

Type: Array of RuleSummary objects

nextToken

When the number of rules 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 rules, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `ListRules` to list the next set of rules.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListSubscriptionGrants

Lists subscription grants.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscription-grants?
environmentId=environmentId&maxResults=maxResults&nextToken=nextToken&owningGroupId=owningGroup
 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.

owningGroupId

The ID of the owning group.

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

owningIamPrincipalArn

The ARN of the owning IAM principal.

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

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

owningProjectId

The ID of the owning project of the subscription grants.

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

owningUserId

The ID of the owning user.

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

sortBy

This parameter has been deprecated.

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",
               "assetScope": {
                  "assetId": "string",
                  "errorMessage": "string",
                  "filterIds": [ "string" ],
                  "status": "string"
               },
               "failureCause": {
                  "message": "string"
               },
               "failureTimestamp": number,
```

```
                "grantedTimestamp": number,
                "permissions": { ... },
                "status": "string",
                "targetName": "string"
            }
        ],
        "createdAt": number,
        "createdBy": "string",
        "domainId": "string",
        "environmentId": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListSubscriptionRequests

Lists Amazon DataZone subscription requests.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscription-requests?
approverProjectId=approverProjectId&maxResults=maxResults&nextToken=nextToken&owningGroupId=own
 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.

owningGroupId

The ID of the owning group.

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

owningIamPrincipalArn

The ARN of the owning IAM principal.

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

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

owningProjectId

The identifier of the project for the subscription requests.

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

owningUserId

The ID of the owning user.

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

sortBy

This parameter has been deprecated.

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.

> **Note**
>
> This is not a required parameter, but if not specified, by default, Amazon DataZone returns only `PENDING` 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",
         "existingSubscriptionId": "string",
         "id": "string",
         "metadataFormsSummary": [
            {
               "formName": "string",
               "typeName": "string",
               "typeRevision": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListSubscriptions

Lists subscriptions in Amazon DataZone.

Request Syntax

```
GET /v2/domains/domainIdentifier/subscriptions?
approverProjectId=approverProjectId&maxResults=maxResults&nextToken=nextToken&owningGroupId=own
 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.

owningGroupId

The ID of the owning group.

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

owningIamPrincipalArn

The ARN of the owning IAM principal.

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

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

owningProjectId

The identifier of the owning project.

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

owningUserId

The ID of the owning user.

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

sortBy

This parameter has been deprecated.

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.

> **Note**
>
> This is not a required parameter, but if not provided, by default, Amazon DataZone returns only `APPROVED` subscriptions.

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

InternalServerException

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 V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
         "subscriptionGrantCreationMode": "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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListTagsForResource

Lists 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

PostLineageEvent

Posts a data lineage event.

Request Syntax

```
POST /v2/domains/domainIdentifier/lineage/events HTTP/1.1
Client-Token: clientToken

event
```

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.

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

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

domainIdentifier

The ID of the domain where you want to post a data lineage event.

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

Required: Yes

Request Body

The request accepts the following binary data.

event

The data lineage event that you want to post. Only open-lineage run event are supported as events.

Length Constraints: Minimum length of 0. Maximum length of 300000.

Required: Yes

Response Syntax

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

{
   "domainId": "string",
   "id": "string"
}
```

Response Elements

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

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

domainId

The ID of the domain.

Type: String

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

id

The ID of the lineage event.

Type: String

Pattern: `[a-z0-9]{14}`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

PutDataExportConfiguration

Creates data export configuration details.

If you want to temporarily disable export and later re-enable it for the same domain, use the `--no-enable-export` flag to disable and the `--enable-export` flag to re-enable. This preserves the configuration and allows you to re-enable export without deleting S3 table.

> **Note**
>
> You can enable asset metadata export for only one domain per account per Region. To enable export for a different domain, complete the following steps:
>
> 1. Delete the export configuration for the currently enabled domain using the DeleteDataExportConfiguration operation.
> 2. Delete the asset S3 table under the aws-sagemaker-catalog S3 table bucket. We recommend backing up the S3 table before deletion.
> 3. Call the PutDataExportConfiguration API to enable export for the new domain.

Request Syntax

```
PUT /v2/domains/domainIdentifier/data-export-configuration HTTP/1.1
Content-type: application/json

{
   "clientToken": "string",
   "enableExport": boolean,
   "encryptionConfiguration": {
      "kmsKeyArn": "string",
      "sseAlgorithm": "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The domain ID for which you want to create data export configuration details.

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

enableExport

Specifies that the export is to be enabled as part of creating data export configuration details.

Type: Boolean

Required: Yes

encryptionConfiguration

The encryption configuration as part of creating data export configuration details.

The KMS key provided here as part of encryptionConfiguration must have the required permissions as described in KMS permissions for exporting asset metadata in Amazon SageMaker Unified Studio.

Type: EncryptionConfiguration object

Required: No

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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

Examples

Example

Enable data export:

Sample Request

```
aws datazone put-data-export-configuration  --domain-identifier dzd-440699i00ezy21 --
region us-east-2 --enable-export
```

Example

Disable data export:

Sample Request

```
aws datazone put-data-export-configuration --domain-identifier dzd-440699i00ezy21 --
region us-east-2 --no-enable-export
```

Example

With KMS key encryption configuration:

Sample Request

```
aws datazone put-data-export-configuration --encryption-configuration
 kmsKeyArn=arn:aws:kms:us-east-2:651673343886:key/292fedfe-
c9h6-40fa-961b-87393584195c,sseAlgorithm=aws:kms --enable-export --region us-east-2 --
domain-identifier dzd-440699i00ezy21
```

Example

With KMS key encryption configuration when KMS key is disabled:

Sample Response

```
An error occurred (ValidationException) when calling the PutDataExportConfiguration
 operation: The specified KMS key ARN is disabled. (Service: S3Tables, Status Code:
 400, Request ID: 07bdfab7-6336-4145-b5ec-277a6a77a4e0) (SDK Attempt Count: 1)
```

Example

With KMS key encryption configuration when KMS key is missing permission for systemtables.sagemaker-catalog.amazonaws.com service principal:

Sample Response

```
An error occurred (AccessDeniedException) when calling the
 PutDataExportConfiguration operation: User: arn:aws:sts::750784792897:assumed-role/
SageMakerCatalogDataSetPublisherRole/AWSSageMakerCatalog-S3TablesRole-651393378886 is
 not authorized to perform: kms:DescribeKey on this resource because the resource does
 not exist in this Region, no resource-based policies allow access, or a resource-based
 policy explicitly denies access (Service: S3Tables, Status Code: 403, Request ID:
 86f5d9f9-62a6-4af9-8177-69edbb2992f4) (SDK Attempt Count: 1)
```

Example

With KMS key encryption configuration when SSE algorithm is not provided along with KMS key:

Sample Response

```
An error occurred (ValidationException) when calling the PutDataExportConfiguration
 operation: The specified SSE algorithm is invalid. (Service: S3Tables, Status Code:
 400, Request ID: 678df137-aa8e-47aa-b485-a8971a3f2f3c) (SDK Attempt Count: 1)
```

Example

Enable export failing with conflict exception. Provide --client-token parameter with a different client token to resolve this error.

Sample Response

```
An error occurred (ConflictException) when calling the PutDataExportConfiguration
 operation: Conflict exception occurred while putting data export configuration for
 domain:dzd-cslg7hs0m6k4fd
```

Example

When configuration already exists for another domain:

Sample Response

```
An error occurred (ConflictException) when calling the PutDataExportConfiguration
 operation: Data Export Configuration exists for another domain with id: dzd-
cslg7hs0m6k4fd
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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" ],
   "environmentRolePermissionBoundary": "string",
   "globalParameters": {
      "string" : "string"
   },
   "manageAccessRoleArn": "string",
   "provisioningConfigurations": [
      { ... }
   ],
   "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

environmentRolePermissionBoundary

The environment role permissions boundary.

Type: String

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

Required: No

globalParameters

Region-agnostic environment blueprint parameters.

Type: String to string map

Required: No

manageAccessRoleArn

The ARN of the manage access role.

Type: String

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

Required: No

provisioningConfigurations

The provisioning configuration of a blueprint.

Type: Array of ProvisioningConfiguration objects

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",
```

```
   "environmentRolePermissionBoundary": "string",
   "manageAccessRoleArn": "string",
   "provisioningConfigurations": [
      { ... }
   ],
   "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}`

environmentRolePermissionBoundary

The environment role permissions boundary.

Type: String

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

manageAccessRoleArn

The ARN of the manage access role.

Type: String

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

provisioningConfigurations

The provisioning configuration of a blueprint.

Type: Array of ProvisioningConfiguration objects

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

QueryGraph

Queries entities in the graph store.

Request Syntax

```
POST /v2/domains/domainIdentifier/graph/query?maxResults=maxResults&nextToken=nextToken
 HTTP/1.1
Content-type: application/json

{
   "additionalAttributes": {
      "formNames": [ "string" ]
   },
   "match": [
      { ... }
   ]
}
```

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 entities to return in a single call to `QueryGraph`. When the number of entities 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 `QueryGraph` to list the next set of entities.

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

nextToken

When the number of entities 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 entities, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `QueryGraph` to list the next set of entities.

Length Constraints: Minimum length of 1. Maximum length of 8192.

Request Body

The request accepts the following data in JSON format.

additionalAttributes

Additional details on the queried entity that can be requested in the response.

Type: AdditionalAttributes object

Required: No

match

List of query match clauses.

Type: Array of MatchClause objects

Array Members: Fixed number of 2 items.

Required: Yes

Response Syntax

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

{
   "items": [
      { ... }
   ],
   "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 `QueryGraph` action.

Type: Array of ResultItem objects

nextToken

When the number of entities 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 entities, the response includes a pagination token named `NextToken`. You can specify this `NextToken` value in a subsequent call to `QueryGraph` to list the next set of entities.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "existingSubscriptionId": "string",
   "id": "string",
   "metadataForms": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "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}`

existingSubscriptionId

The ID of the existing subscription.

Type: String

Pattern: `[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}`

metadataForms

Metadata forms included in the subscription request.

Type: Array of FormOutput objects

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

RemoveEntityOwner

Removes an owner from an entity.

Request Syntax

```
POST /v2/domains/domainIdentifier/entities/entityType/entityIdentifier/removeOwner
 HTTP/1.1
Content-type: application/json

{
   "clientToken": "string",
   "owner": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to remove an owner from an entity.

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

Required: Yes

entityIdentifier

The ID of the entity from which you want to remove an owner.

Required: Yes

entityType

The type of the entity from which you want to remove an owner.

Valid Values: `DOMAIN_UNIT`

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

owner

The owner that you want to remove from an entity.

Type: OwnerProperties 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

RemovePolicyGrant

Removes a policy grant.

Request Syntax

```
POST /v2/domains/domainIdentifier/policies/managed/entityType/entityIdentifier/
removeGrant HTTP/1.1
Content-type: application/json

{
   "clientToken": "string",
   "grantIdentifier": "string",
   "policyType": "string",
   "principal": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to remove a policy grant.

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

Required: Yes

entityIdentifier

The ID of the entity from which you want to remove a policy grant.

Required: Yes

entityType

The type of the entity from which you want to remove a policy grant.

Valid Values: `DOMAIN_UNIT | ENVIRONMENT_BLUEPRINT_CONFIGURATION | ENVIRONMENT_PROFILE | ASSET_TYPE`

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

grantIdentifier

The ID of the policy grant that is to be removed from a specified entity.

Type: String

Pattern: `[A-Za-z0-9+/]{10}`

Required: No

policyType

The type of the policy that you want to remove.

Type: String

Valid Values: `CREATE_DOMAIN_UNIT | OVERRIDE_DOMAIN_UNIT_OWNERS | ADD_TO_PROJECT_MEMBER_POOL | OVERRIDE_PROJECT_OWNERS | CREATE_GLOSSARY | CREATE_FORM_TYPE | CREATE_ASSET_TYPE | CREATE_PROJECT | CREATE_ENVIRONMENT_PROFILE | DELEGATE_CREATE_ENVIRONMENT_PROFILE | CREATE_ENVIRONMENT | CREATE_ENVIRONMENT_FROM_BLUEPRINT | CREATE_PROJECT_FROM_PROJECT_PROFILE | USE_ASSET_TYPE`

Required: Yes

principal

The principal from which you want to remove a policy grant.

Type: PolicyGrantPrincipal 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

Search

Searches for assets in Amazon DataZone.

Search in Amazon DataZone is a powerful capability that enables users to discover and explore data assets, glossary terms, and data products across their organization. It provides both basic and advanced search functionality, allowing users to find resources based on names, descriptions, metadata, and other attributes. Search can be scoped to specific types of resources (like assets, glossary terms, or data products) and can be filtered using various criteria such as creation date, owner, or status. The search functionality is essential for making the wealth of data resources in an organization discoverable and usable, helping users find the right data for their needs quickly and efficiently.

Many search commands in Amazon DataZone are paginated, including `search` and `search-types`. When the result set is large, Amazon DataZone returns a `nextToken` in the response. This token can be used to retrieve the next page of results.

Prerequisites:

- The --domain-identifier must refer to an existing Amazon DataZone domain.
- --search-scope must be one of: ASSET, GLOSSARY_TERM, DATA_PRODUCT, or GLOSSARY.
- The user must have search permissions in the specified domain.
- If using --filters, ensure that the JSON is well-formed and that each filter includes valid attribute and value keys.
- For paginated results, be prepared to use --next-token to fetch additional pages.

To run a standard free-text search, the `searchText` parameter must be supplied. By default, all searchable fields are indexed for semantic search and will return semantic matches for SearchListings queries. To prevent semantic search indexing for a custom form attribute, see the CreateFormType API documentation. To run a lexical search query, enclose the query with double quotes (""). This will disable semantic search even for fields that have semantic search enabled and will only return results that contain the keywords wrapped by double quotes (order of tokens in the query is not enforced). Free-text search is supported for all attributes annotated with @amazon.datazone#searchable.

To run a filtered search, provide filter clause using the `filters` parameter. To filter on glossary terms, use the special attribute `__DataZoneGlossaryTerms`. To filter on an indexed numeric

attribute (i.e., a numeric attribute annotated with `@amazon.datazone#sortable`), provide a filter using the `intValue` parameter. The filters parameter can also be used to run more advanced free-text searches that target specific attributes (attributes must be annotated with `@amazon.datazone#searchable` for free-text search). Create/update timestamp filtering is supported using the special `creationTime`/`lastUpdatedTime` attributes. Filter types can be mixed and matched to power complex queries.

To find out whether an attribute has been annotated and indexed for a given search type, use the GetFormType API to retrieve the form containing the attribute.

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 | TEXT_MATCH_RATIONALE`

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 | DATA_PRODUCT`

Required: Yes

searchText

Specifies the text for which to search.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of Search.

Sample Request

```
 aws datazone search \
--domain-identifier "dzd_53ielnpxktdilj" \
--search-scope "GLOSSARY_TERM"
```

Sample Response

```
{
    "items": [
        {
            "glossaryTermItem": {
                "createdAt": 1752766662.222,
                "createdBy": "usr7nx82mkl",
                "domainId": "dzd_53ielnpxktdilj",
                "glossaryId": "gls8m3nqx2wkfp",
                "id": "trm9k4pq7xwnmh",
                "name": "CustomerLifetimeValue",
                "status": "ENABLED",
                "updatedAt": 1752766662.222,
                "updatedBy": "usr7nx82mkl"
            }
        },
        {
            "glossaryTermItem": {
                "createdAt": 1752674736.91,
                "createdBy": "usr7nx82mkl",
                "domainId": "dzd_53ielnpxktdilj",
                "glossaryId": "gls8m3nqx2wkfp",
                "id": "trm8p2mq3xvn5",
                "name": "ChurnRisk",
```

```
                "status": "ENABLED",
                "updatedAt": 1752766697.481,
                "updatedBy": "usr7nx82mkl"
            }
        }
    ],
    "totalMatchCount": 2
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone search \
--search-scope "GLOSSARY_TERM"
```

Sample Response

```
aws: error: the following arguments are required: –domain-identifier
```

Example

Failure case - invalid input:

Sample Request

```
aws datazone search \
--domain-identifier "dzd_53ielnpxktdilj" \
--search-scope "INVALID_SCOPE"
```

Sample Response

```
An error occurred (ValidationException) when calling the Search operation: 1 validation
 error detected: Value at 'searchScope' failed to satisfy constraint: Member must
 satisfy enum value set: [GLOSSARY_TERM, ASSET, DATA_PRODUCT, GLOSSARY]
```

Example

Failure case - invalid JSON:

Sample Request

```
aws datazone search \
--domain-identifier "dzd_53ielnpxktdilj" \
--search-scope "GLOSSARY_TERM" \
--filters '[{attribute:"NAME",value:"Term"}]'
```

Sample Response

```
Error parsing parameter '--filters': Invalid JSON:
[{attribute:"NAME",value:"Term"}]
```

Example

This example illustrates a technical identifier search (assuming the `technicalField` attribute is indexed for TECHNICAL search). For more information, see https://aws.amazon.com/blogs/big-data/streamline-data-discovery-with-precise-technical-identifier-search-in-amazon-sagemaker-unified-studio/.

Sample Request

```
aws datazone search \
--domain-identifier "dzd_4q2el0k35ngqa8" \
--search-in '[{"attribute":"name"}]' \
--search-text "\"blab\"" \
--search-scope "ASSET" \
--owning-project-identifier "4mo2oiauaqbrtc"
```

Sample Response


```
{
    "items": [
        {
            "assetItem": {
                "createdAt": "2025-09-05T16:54:05.078000+00:00",
                "createdBy": "f697efa1-8b40-41c1-b1ef-977412f9d3d4",
                "firstRevisionCreatedAt": "2025-09-05T16:53:55.563000+00:00",
                "firstRevisionCreatedBy": "f697efa1-8b40-41c1-b1ef-977412f9d3d4",
                "glossaryTerms": [
                    "cxjyge917oaaa8"
                ],
                "identifier": "dgutcpgqbkbcsw",
                "name": "blab",
                "owningProjectId": "4mo2oiauaqbrtc",
                "typeIdentifier": "amazon.datazone.S3ObjectCollectionAssetType",
                "typeRevision": "14"
            }
        }
    ],
    "totalMatchCount": 1
}
```


Example

This example illustrates the numeric filtering capabilities of the Search API. In this case only assets which have an attribute value between the specified filter values will be returned. Only numeric attributes annotated with `@amazon.datazone#sortable` may be used for numeric filtering.

Sample Request

```
aws datazone search \
--domain-identifier "dzd_4q2el0k35ngqa8" \
--search-scope "ASSET" \
--owning-project-identifier "4mo2oiauaqbrtc" \
--filters '{ "and": [
```

```
       { "filter": { "attribute": "MyCustomForm.numericAttribute", "intValue": 5,
 "operator": "LT" } },
       { "filter": { "attribute": "MyCustomForm.numericAttribute", "intValue": 2,
 "operator": "GT" } }
    ] }'
```

Example

This example illustrates the advanced free-text search capabilities of the Search API via filter clauses. In this example, only assets that match the respective search clauses in both attributes will be returned. Only string attributes annotated with `@amazon.datazone#searchable` may be used for free-text search.

Sample Request

```
aws datazone search \
--domain-identifier "dzd_4q2el0k35ngqa8" \
--search-scope "ASSET" \
--owning-project-identifier "4mo2oiauaqbrtc" \
--filters '{ "and": [
       { "filter": { "attribute": "MyCustomForm.attr1", "value": "rat", "operator":
 "TEXT_SEARCH" } },
       { "filter": { "attribute": "MyCustomForm.attr2", "value": "reproductive study",
 "operator": "TEXT_SEARCH" } }
    ] }'
```

Example

This example illustrates timestamp filtering using the Search API. In this example, only assets that have been updated since the provided epoch ms timestamp are returned. Currently, only `creationTime`/`lastUpdatedTime` attributes are supported for timestamp filtering.

Sample Request

```
aws datazone search \
--domain-identifier "dzd_4q2el0k35ngqa8" \
--search-scope "ASSET" \
```

```
--owning-project-identifier "4mo2oiauaqbrtc" \
--filters '{ "filter": { "attribute": "lastUpdatedAt", "intValue": 1768437337867,
 "operator": "GE" } }'
```

See Also

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

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SearchListings

Searches listings in Amazon DataZone.

SearchListings is a powerful capability that enables users to discover and explore published assets and data products across their organization. It provides both basic and advanced search functionality, allowing users to find resources based on names, descriptions, metadata, and other attributes. SearchListings also supports filtering using various criteria such as creation date, owner, or status. This API is essential for making the wealth of data resources in an organization discoverable and usable, helping users find the right data for their needs quickly and efficiently.

SearchListings returns results in a paginated format. When the result set is large, the response will include a nextToken, which can be used to retrieve the next page of results.

The SearchListings API gives users flexibility in specifying what kind of search is run.

To run a standard free-text search, the `searchText` parameter must be supplied. By default, all searchable fields are indexed for semantic search and will return semantic matches for SearchListings queries. To prevent semantic search indexing for a custom form attribute, see the CreateFormType API documentation. To run a lexical search query, enclose the query with double quotes (""). This will disable semantic search even for fields that have semantic search enabled and will only return results that contain the keywords wrapped by double quotes (order of tokens in the query is not enforced). Free-text search is supported for all attributes annotated with @amazon.datazone#searchable.

To run a filtered search, provide filter clause using the `filters` parameter. To filter on glossary terms, use the special attribute `__DataZoneGlossaryTerms`. To filter on an indexed numeric attribute (i.e., a numeric attribute annotated with `@amazon.datazone#sortable`), provide a filter using the `intValue` parameter. The filters parameter can also be used to run more advanced free-text searches that target specific attributes (attributes must be annotated with `@amazon.datazone#searchable` for free-text search). Create/update timestamp filtering is supported using the special `creationTime`/`lastUpdatedTime` attributes. Filter types can be mixed and matched to power complex queries.

To find out whether an attribute has been annotated and indexed for a given search type, use the GetFormType API to retrieve the form containing the attribute.

Request Syntax

```
POST /v2/domains/domainIdentifier/listings/search HTTP/1.1
```

```
Content-type: application/json

{
   "additionalAttributes": [ "string" ],
   "aggregations": [
      {
         "attribute": "string",
         "displayValue": "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 | TEXT_MATCH_RATIONALE`

Required: No

aggregations

Enables you to specify one or more attributes to compute and return counts grouped by field values.

Type: Array of AggregationListItem objects

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

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

Length Constraints: Minimum length of 0. Maximum length of 512.

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
```

```
{
   "aggregates": [
      {
         "attribute": "string",
         "displayValue": "string",
         "items": [
            {
               "count": number,
               "displayValue": "string",
               "value": "string"
            }
         ]
      }
   ],
   "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.

aggregates

Contains computed counts grouped by field values based on the requested aggregation attributes for the matching listings.

Type: Array of AggregationOutput objects

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

InternalServerException

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

Examples

Example

This example illustrates a lexical search.

Sample Request

```
aws datazone search-listings \
--domain-identifier "dzd_4q2el0k35ngqa8" \
--search-in '[{"attribute":"DataProductMetadataForm.name"}]' \
--search-text "\"car\"" \
--additional-attributes '["FORMS"]'
```

Sample Response


```
{
    "items": [
        {
            "assetListing": {
                "additionalAttributes": {
                    "forms": "{\"S3ObjectCollectionForm\":{\"bucketArn\":
\"arn:aws:s3:::bucket/prefix\"},\"DataProductMetadataForm\":{\"name\":\"car\"}}"
                },
                "createdAt": "2025-08-28T21:41:17.026000+00:00",
                "entityId": "asl5ff7g6psoi8",
                "entityRevision": "4",
                "entityType": "S3ObjectCollectionAssetType",
                "glossaryTerms": [],
                "listingCreatedBy": "f697efa1-8b40-41c1-b1ef-977412f9d3d4",
                "listingId": "3tgx25pz22pic0",
                "listingRevision": "6",
                "listingUpdatedBy": "f697efa1-8b40-41c1-b1ef-977412f9d3d4",
                "name": "test",
                "owningProjectId": "4mo2oiauaqbrtc"
            }
        }
    ],
    "totalMatchCount": 1
}
```

Example

This example illustrates the filtering capabilities of the SearchListings APIs. Note: `__DataZoneGlossaryTerms` is a special keyword for getting all aggregated glossary terms across assets, custom metadata forms and columns.

Sample Request

```
aws datazone search-listings \
    --domain-identifier "dzd_4q2el0k35ngqa8" \
    --filters '{ "or": [
        { "filter": { "attribute": "__DataZoneGlossaryTerms", "value":
 "cxjyge917oaaa8" } },
        { "filter": { "attribute": "__DataZoneGlossaryTerms", "value":
 "46i8vpwe0s0t9j" } }
    ] }'
```

Sample Response

```
{
    "items": [
        {
            "assetListing": {
                "createdAt": "2025-09-05T16:53:55.563000+00:00",
                "entityId": "dgutcpgqbkbcsw",
                "entityRevision": "2",
                "entityType": "S3ObjectCollectionAssetType",
                "glossaryTerms": [
                    {
                        "name": "artist"
                    }
                ],
                "listingCreatedBy": "f697efa1-8b40-41c1-b1ef-977412f9d3d4",
                "listingId": "anj2uue0h4qd1s",
                "listingRevision": "2",
                "listingUpdatedBy": "f697efa1-8b40-41c1-b1ef-977412f9d3d4",
                "name": "blab",
```

```
                "owningProjectId": "4mo2oiauaqbrtc"
            }
        }
    ],
    "totalMatchCount": 1
}
```

Example

This example illustrates the numeric filtering capabilities of the SearchListing API. In this case, only listings which have an attribute value between the specified filter values will be returned. Only numeric attributes annotated with `@amazon.datazone#sortable` may be used for numeric filtering.

Sample Request

```
aws datazone search-listings \
    --domain-identifier "dzd_4q2el0k35ngqa8" \
    --filters '{ "and": [
        { "filter": { "attribute": "MyCustomForm.numericAttribute", "intValue": 5,
 "operator": "LT" } },
        { "filter": { "attribute": "MyCustomForm.numericAttribute", "intValue": 2,
 "operator": "GT" } }
    ] }'
```

Example

This example illustrates the advanced free-text search capabilities of the SearchListing API via filter clauses. In this example, only listings that match the respective search clauses in both attributes will be returned. Only string attributes annotated with `@amazon.datazone#searchable` may be used for free-text search.

Sample Request

```
aws datazone search-listings \
    --domain-identifier "dzd_4q2el0k35ngqa8" \
    --filters '{ "and": [
```

```
       { "filter": { "attribute": "MyCustomForm.attr1", "value": "rat", "operator":
"TEXT_SEARCH" } },
       { "filter": { "attribute": "MyCustomForm.attr2", "value": "reproductive study",
"operator": "TEXT_SEARCH" } }
   ] }'
```

Example

This example illustrates timestamp filtering using the SearchListing API. In this example, only listings that have been updated since the provided epoch ms timestamp are returned. Currently, only `creationTime`/`lastUpdatedTime` attributes are supported for timestamp filtering.

Sample Request

```
aws datazone search-listings \
    --domain-identifier "dzd_4q2el0k35ngqa8" \
    --filters '{ "filter": { "attribute": "lastUpdatedAt", "intValue": 1768437337867,
"operator": "GE" } }'
```

See Also

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

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

SearchTypes

Searches for types in Amazon DataZone.

Prerequisites:

- The --domain-identifier must refer to an existing Amazon DataZone domain.
- --search-scope must be one of the valid values including: ASSET_TYPE, GLOSSARY_TERM_TYPE, DATA_PRODUCT_TYPE.
- The --managed flag must be present without a value.
- The user must have permissions for form or asset types in the domain.
- If using --filters, ensure that the JSON is valid.
- Filters contain correct structure (attribute, value, operator).

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 | LINEAGE_NODE_TYPE`

Required: Yes

searchText

Specifies the text for which to search.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

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

InternalServerException

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

Examples

Example

This example illustrates one usage of SearchTypes.

Sample Request

```
aws datazone search-types \
--domain-identifier "dzd_53ielnpxktdilj" \
--search-scope "ASSET_TYPE" \
--managed
```

Sample Response


```
{
    "items": [
        {
            "assetTypeItem": {
                "createdAt": 1752170908.272,
                "createdBy": "SYSTEM",
                "domainId": "dzd_53ielnpxktdilj",
                "formsOutput": {
                    "AssetCommonDetailsForm": {
                        "required": true,
                        "typeName": "amazon.datazone.AssetCommonDetailsFormType",
                        "typeRevision": "6"
                    },
                    "SageMakerFeatureGroupForm": {
                        "required": true,
                        "typeName": "amazon.datazone.SageMakerFeatureGroupFormType",
                        "typeRevision": "1"
                    }
                },
                "name": "amazon.datazone.SageMakerFeatureGroupAssetType",
                "originDomainId": "dzd_amazon_datazone_domain",
                "originProjectId": "dzd_amazon_datazone_domain_project",
                "owningProjectId": "dzd_amazon_datazone_domain_project",
                "revision": "1",
                "updatedAt": 1752170908.272,
                "updatedBy": "SYSTEM"
            }
        },
        {
            "assetTypeItem": {
                "createdAt": 1748436962.064,
```

```
                "createdBy": "SYSTEM",
                "domainId": "dzd_53ielnpxktdilj",
                "formsOutput": {
                    "AssetCommonDetailsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.AssetCommonDetailsFormType",
                        "typeRevision": "6"
                    },
                    "DataSourceReferenceForm": {
                        "required": false,
                        "typeName": "amazon.datazone.DataSourceReferenceFormType",
                        "typeRevision": "4"
                    },
                    "MskTopicForm": {
                        "required": true,
                        "typeName": "amazon.datazone.MskTopicFormType",
                        "typeRevision": "1"
                    },
                    "SchemaMetadataForm": {
                        "required": false,
                        "typeName": "amazon.datazone.SchemaMetadataFormType",
                        "typeRevision": "1"
                    },
                    "SuggestionForm": {
                        "required": false,
                        "typeName": "amazon.datazone.SuggestionFormType",
                        "typeRevision": "3"
                    }
                },
                "name": "amazon.datazone.MskTopicAssetType",
                "originDomainId": "dzd_amazon_datazone_domain",
                "originProjectId": "dzd_amazon_datazone_domain_project",
                "owningProjectId": "dzd_amazon_datazone_domain_project",
                "revision": "3",
                "updatedAt": 1750698545.406,
                "updatedBy": "SYSTEM"
            }
        },
        {
            "assetTypeItem": {
                "createdAt": 1745604393.359,
                "createdBy": "SYSTEM",
                "domainId": "dzd_53ielnpxktdilj",
                "formsOutput": {
```

```
                    "AssetCommonDetailsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.AssetCommonDetailsFormType",
                        "typeRevision": "6"
                    },
                    "DataSourceReferenceForm": {
                        "required": false,
                        "typeName": "amazon.datazone.DataSourceReferenceFormType",
                        "typeRevision": "4"
                    },
                    "KinesisDataStreamForm": {
                        "required": true,
                        "typeName": "amazon.datazone.KinesisDataStreamFormType",
                        "typeRevision": "2"
                    },
                    "SchemaMetadataForm": {
                        "required": false,
                        "typeName": "amazon.datazone.SchemaMetadataFormType",
                        "typeRevision": "1"
                    },
                    "SuggestionForm": {
                        "required": false,
                        "typeName": "amazon.datazone.SuggestionFormType",
                        "typeRevision": "3"
                    }
                },
                "name": "amazon.datazone.KinesisDataStreamAssetType",
                "originDomainId": "dzd_amazon_datazone_domain",
                "originProjectId": "dzd_amazon_datazone_domain_project",
                "owningProjectId": "dzd_amazon_datazone_domain_project",
                "revision": "5",
                "updatedAt": 1750698545.564,
                "updatedBy": "SYSTEM"
            }
        },
        {
            "assetTypeItem": {
                "createdAt": 1743523808.154,
                "createdBy": "SYSTEM",
                "domainId": "dzd_53ielnpxktdilj",
                "formsOutput": {
                    "AssetCommonDetailsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.AssetCommonDetailsFormType",
```

```
                    "typeRevision": "6"
                },
                "QuickSightDashboardForm": {
                    "required": true,
                    "typeName": "amazon.datazone.QuickSightDashboardFormType",
                    "typeRevision": "3"
                },
                "SubscriptionTermsForm": {
                    "required": false,
                    "typeName": "amazon.datazone.SubscriptionTermsFormType",
                    "typeRevision": "2"
                }
            },
            "name": "amazon.datazone.QuickSightDashboardAssetType",
            "originDomainId": "dzd_amazon_datazone_domain",
            "originProjectId": "dzd_amazon_datazone_domain_project",
            "owningProjectId": "dzd_amazon_datazone_domain_project",
            "revision": "3",
            "updatedAt": 1748436962.275,
            "updatedBy": "SYSTEM"
        }
    },
    {
        "assetTypeItem": {
            "createdAt": 1728920863.66,
            "createdBy": "SYSTEM",
            "domainId": "dzd_53ielnpxktdilj",
            "formsOutput": {
                "AssetCommonDetailsForm": {
                    "required": false,
                    "typeName": "amazon.datazone.AssetCommonDetailsFormType",
                    "typeRevision": "6"
                },
                "BedrockModelForm": {
                    "required": true,
                    "typeName": "amazon.datazone.BedrockModelFormType",
                    "typeRevision": "6"
                },
                "SubscriptionTermsForm": {
                    "required": false,
                    "typeName": "amazon.datazone.SubscriptionTermsFormType",
                    "typeRevision": "2"
                }
            },
```

```
                "name": "amazon.datazone.BedrockModelAssetType",
                "originDomainId": "dzd_amazon_datazone_domain",
                "originProjectId": "dzd_amazon_datazone_domain_project",
                "owningProjectId": "dzd_amazon_datazone_domain_project",
                "revision": "6",
                "updatedAt": 1746484563.478,
                "updatedBy": "SYSTEM"
            }
        },
        {
            "assetTypeItem": {
                "createdAt": 1728920864.133,
                "createdBy": "SYSTEM",
                "domainId": "dzd_53ielnpxktdilj",
                "formsOutput": {
                    "AssetCommonDetailsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.AssetCommonDetailsFormType",
                        "typeRevision": "6"
                    },
                    "BedrockAppCommonForm": {
                        "required": true,
                        "typeName": "amazon.datazone.BedrockAppCommonFormType",
                        "typeRevision": "2"
                    },
                    "SubscriptionTermsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.SubscriptionTermsFormType",
                        "typeRevision": "2"
                    }
                },
                "name": "amazon.datazone.BedrockFlowAssetType",
                "originDomainId": "dzd_amazon_datazone_domain",
                "originProjectId": "dzd_amazon_datazone_domain_project",
                "owningProjectId": "dzd_amazon_datazone_domain_project",
                "revision": "2",
                "updatedAt": 1730316044.425,
                "updatedBy": "SYSTEM"
            }
        },
        {
            "assetTypeItem": {
                "createdAt": 1728920864.056,
                "createdBy": "SYSTEM",
```

```
                "domainId": "dzd_53ielnpxktdilj",
                "formsOutput": {
                    "AssetCommonDetailsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.AssetCommonDetailsFormType",
                        "typeRevision": "6"
                    },
                    "BedrockAppCommonForm": {
                        "required": true,
                        "typeName": "amazon.datazone.BedrockAppCommonFormType",
                        "typeRevision": "2"
                    },
                    "SubscriptionTermsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.SubscriptionTermsFormType",
                        "typeRevision": "2"
                    }
                },
                "name": "amazon.datazone.BedrockPromptAssetType",
                "originDomainId": "dzd_amazon_datazone_domain",
                "originProjectId": "dzd_amazon_datazone_domain_project",
                "owningProjectId": "dzd_amazon_datazone_domain_project",
                "revision": "2",
                "updatedAt": 1730316044.385,
                "updatedBy": "SYSTEM"
            }
        },
        {
            "assetTypeItem": {
                "createdAt": 1728920864.194,
                "createdBy": "SYSTEM",
                "domainId": "dzd_53ielnpxktdilj",
                "formsOutput": {
                    "AssetCommonDetailsForm": {
                        "required": false,
                        "typeName": "amazon.datazone.AssetCommonDetailsFormType",
                        "typeRevision": "6"
                    },
                    "BedrockAppCommonForm": {
                        "required": true,
                        "typeName": "amazon.datazone.BedrockAppCommonFormType",
                        "typeRevision": "2"
                    },
                    "SubscriptionTermsForm": {
```

```
                        "required": false,
                        "typeName": "amazon.datazone.SubscriptionTermsFormType",
                        "typeRevision": "2"
                    }
                },
                "name": "amazon.datazone.BedrockChatAssetType",
                "originDomainId": "dzd_amazon_datazone_domain",
                "originProjectId": "dzd_amazon_datazone_domain_project",
                "owningProjectId": "dzd_amazon_datazone_domain_project",
                "revision": "2",
                "updatedAt": 1730316044.502,
                "updatedBy": "SYSTEM"
            }
        }
    ],
    "totalMatchCount": 20
}
```

Example

Failuse case - missing parameter:

Sample Request

```
aws datazone search-types \
--domain-identifier "dzd_53ielnpxktdilj" \
--search-scope "ASSET_TYPE"
```

Sample Response

```
Parameter validation failed:
Missing required parameter in input: "managed"
```

Example

Failure case - invalid JSON:

Sample Request

```
aws datazone search-types \
--domain-identifier "dzd_53ielnpxktdilj" \
--search-scope "ASSET_TYPE" \
--filters '[{attribute:"TYPE",value:"ASSET"}]'
```

Sample Response

```
Error parsing parameter '—filters': Invalid JSON:
[{attribute:"TYPE",value:"ASSET"}]
```

Example

Failure case - invalid input:

Sample Request

```
aws datazone search-types \
--domain-identifier "dzd_53ielnpxktdilj" \
--search-scope "ASSET_TYPE" \
--managed true
```

Sample Response

```
Unknown options: true
```

See Also

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

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

StartMetadataGenerationRun

Starts the metadata generation run.

Prerequisites:

- Asset must be created and belong to the specified domain and project.
- Asset type must be supported for metadata generation (e.g., AWS Glue table).
- Asset must have a structured schema with valid rows and columns.
- Valid values for --type: BUSINESS_DESCRIPTIONS, BUSINESS_NAMES, BUSINESS_GLOSSARY_ASSOCIATIONS.
- The user must have permission to run metadata generation in the domain/project.

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",
   "types": [ "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

This parameter has been deprecated.

The type of the metadata generation run.

Type: String

Valid Values: BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS

Required: No

types

The types of the metadata generation run.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS

Required: No

Response Syntax

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

{
   "createdAt": number,
   "createdBy": "string",
   "domainId": "string",
   "id": "string",
   "owningProjectId": "string",
   "status": "string",
   "type": "string",
   "types": [ "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 | PARTIALLY_SUCCEEDED`

type

This parameter has been deprecated.

The type of the metadata generation run.

Type: String

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

types

The types of the metadata generation run.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of StartMetadataGenerationRun.

Sample Request

```
aws datazone start-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--target '{
    "identifier": "ast6br2md6v9h",
    "revision": "1",
    "type": "ASSET"
}' \
--types ["BUSINESS_DESCRIPTIONS"]
```

Sample Response

```
{
    "createdAt": 1752644436.666,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "id": "mgr5g0fy285m1q",
    "owningProjectId": "prj7nx82mkl",
    "status": "IN_PROGRESS",
    "types": ["BUSINESS_DESCRIPTIONS"]
}
```

Example

Failure case - missing parameter:

Sample Request

```
aws datazone start-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj"
```

Sample Response

```
aws: error: the following arguments are required: –owning-project-identifier, –target
```

Example

Failure case - invalid JSON:

Sample Request

```
aws datazone start-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--target '{"identifier": "ast7k9mpq2xvn4", "revision": "1", "type": "ASSET"' \
--types ["BUSINESS_DESCRIPTIONS"]
```

Sample Response

```
Error parsing parameter '--target': Invalid JSON: Expecting ',' delimiter: line 1
 column 58 (char 57)
JSON received: {"identifier": "ast7k9mpq2xvn4", "revision": "1", "type": "ASSET"
```

Example

Failuse case - invalid input:

Sample Request

```
aws datazone start-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--target '{"identifier": "ast7k9mpq2xvn4", "revision": "1", "type": "ASSET"}' \
--type "INVALID_TYPE"
```

Sample Response

```
An error occurred (ValidationException) when calling the StartMetadataGenerationRun
 operation: 1 validation error detected: Value at 'types' failed to satisfy constraint:
 Member must satisfy constraint: [Member must satisfy enum value set: [BUSINESS_NAMES,
 BUSINESS_GLOSSARY_ASSOCIATIONS, BUSINESS_DESCRIPTIONS]]
```

Example

Failure case - resource not found:

Sample Request

```
aws datazone start-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--target '{"identifier": "ast_nonexistent", "revision": "1", "type": "ASSET"}' \
--types ["BUSINESS_DESCRIPTIONS"]
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the
 StartMetadataGenerationRun operation: The given Asset doesn't exist. Try creating
 Asset before accessing it.
```

Example

Failure case - not supported data type:

Sample Request

```
aws datazone start-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--target '{
    "identifier": "ast7k9mpq2xvn4",
    "revision": "1",
    "type": "ASSET"
}' \
--types ["BUSINESS_DESCRIPTIONS"]
```

Sample Response

```
An error occurred (ValidationException) when calling the StartMetadataGenerationRun
 operation: Metadata Descriptions Generation is not supported for input asset type
```

Example

StartMetadataGenerationRun with multiple types:

Sample Request

```
aws datazone start-metadata-generation-run \
--domain-identifier "dzd_53ielnpxktdilj" \
--owning-project-identifier "prj7nx82mkl" \
--target '{
    "identifier": "ast6br2md6v9h",
    "revision": "1",
    "type": "ASSET"
}' \
--types ["BUSINESS_DESCRIPTIONS", "BUSINESS_NAMES", "BUSINESS_GLOSSARY_ASSOCIATIONS"]
```

Sample Response

```
{
    "createdAt": 1752644436.666,
    "createdBy": "usr7nx82mkl",
    "domainId": "dzd_53ielnpxktdilj",
    "id": "mgr5g0fy285m1q",
    "owningProjectId": "prj7nx82mkl",
    "status": "IN_PROGRESS",
    "types": ["BUSINESS_DESCRIPTIONS", "BUSINESS_NAMES",
 "BUSINESS_GLOSSARY_ASSOCIATIONS"]
}
```

See Also

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

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

TagResource

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UntagResource

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2

- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateAccountPool

Updates the account pool.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/account-pools/identifier HTTP/1.1
Content-type: application/json

{
   "accountSource": { ... },
   "description": "string",
   "name": "string",
   "resolutionStrategy": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The domain ID where the account pool that is to be updated lives.

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

Required: Yes

identifier

The ID of the account pool 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.

accountSource

The source of accounts for the account pool. In the current release, it's either a static list of accounts provided by the customer or a custom AWS Lambda handler.

Type: AccountSource 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 account pool that is to be udpated.

Type: String

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

Required: No

name

The name of the account pool that is to be updated.

Type: String

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

Pattern: `[\w -]+`

Required: No

resolutionStrategy

The mechanism used to resolve the account selection from the account pool.

Type: String

Valid Values: `MANUAL`

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "accountSource": { ... },
   "createdAt": "string",
   "createdBy": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "id": "string",
   "lastUpdatedAt": "string",
   "name": "string",
   "resolutionStrategy": "string",
   "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.

accountSource

The source of accounts for the account pool. In the current release, it's either a static list of accounts provided by the customer or a custom AWS Lambda handler.

Type: AccountSource object

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

createdAt

The timestamp at which the account pool was created.

Type: Timestamp

createdBy

The user who created the account pool.

Type: String

description

The description of the account pool that is to be udpated.

Type: String

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

domainId

The domain ID where the account pool that is to be updated lives.

Type: String

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

domainUnitId

The domain ID in which the account pool that is to be updated lives.

Type: String

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

Pattern: `[a-z0-9_\-]+`

id

The ID of the account pool that is to be updated.

Type: String

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

lastUpdatedAt

The timestamp at which the account pool was last updated.

Type: Timestamp

name

The name of the account pool that is to be updated.

Type: String

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

Pattern: `[\w -]+`

resolutionStrategy

The mechanism used to resolve the account selection from the account pool.

Type: String

Valid Values: MANUAL

updatedBy

The user who last updated the account pool.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateAssetFilter

Updates an asset filter.

Prerequisites:

- The domain, asset, and asset filter identifier must all exist.
- The asset must contain the columns being referenced in the update.
- If applying a row filter, ensure the column referenced in the expression exists in the asset schema.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/assets/assetIdentifier/filters/identifier HTTP/1.1
Content-type: application/json

{
   "configuration": { ... },
   "description": "string",
   "name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assetIdentifier

The ID of the data asset.

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

Required: Yes

domainIdentifier

The ID of the domain where you want to update an asset filter.

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

Required: Yes

identifier

The ID of the asset filter.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

configuration

The configuration of the asset filter.

Type: AssetFilterConfiguration 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 asset filter.

Type: String

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

Required: No

name

The name of the asset filter.

Type: String

Required: No

Response Syntax

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

```
{
   "assetId": "string",
   "configuration": { ... },
   "createdAt": number,
   "description": "string",
   "domainId": "string",
   "effectiveColumnNames": [ "string" ],
   "effectiveRowFilter": "string",
   "errorMessage": "string",
   "id": "string",
   "name": "string",
   "status": "string"
}
```

Response Elements

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

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

assetId

The ID of the data asset.

Type: String

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

configuration

The configuration of the asset filter.

Type: AssetFilterConfiguration object

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

createdAt

The timestamp at which the asset filter was created.

Type: Timestamp

description

The description of the asset filter.

Type: String

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

domainId

The ID of the domain where the asset filter was created.

Type: String

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

effectiveColumnNames

The column names of the asset filter.

Type: Array of strings

effectiveRowFilter

The row filter of the asset filter.

Type: String

errorMessage

The error message that is displayed if the action is not completed successfully.

Type: String

id

The ID of the asset filter.

Type: String

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

name

The name of the asset filter.

Type: String

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

Pattern: `[\w -]+`

status

The status of the asset filter.

Type: String

Valid Values: `VALID | INVALID`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of UpdateAssetFilter.

Sample Request

```
aws datazone update-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5" \
--configuration '{
    "columnConfiguration": {
        "includedColumnNames": [
            "customer_id",
            "email",
            "phone_number",
            "address",
            "registration_date",
            "last_login_date"
        ]
    }
}'
```

Sample Response

```
{
    "assetId": "ast7k9mpq2xvn4",
    "configuration": {
        "columnConfiguration": {
```

```
            "includedColumnNames": [
                "customer_id",
                "email",
                "phone_number",
                "address",
                "registration_date",
                "last_login_date"
            ]
        }
    },
    "createdAt": 1752651315.63,
    "domainId": "dzd_53ielnpxktdilj",
    "effectiveColumnNames": [
        "customer_id",
        "email",
        "phone_number",
        "address",
        "registration_date",
        "last_login_date"
    ],
    "id": "flt8p2mq3xvn5",
    "name": "customer-pii-filter",
    "status": "VALID"
}
```

Example

Failure case - missing required field `--configuration`:

Sample Request

```
aws datazone update-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5"
```

Sample Response

```
aws: error: the following arguments are required: --configuration
```

Example

Failure case - invalid JSON in `--configuration`:

Sample Request

```
aws datazone update-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5" \
--configuration '{ "columnConfiguration": { "includedColumnNames": ["customer_id",
 "email" }'
```

Sample Response

```
Error parsing parameter '--configuration': Invalid JSON: Expecting ',' delimiter: line
 1 column 65 (char 64)
```

Example

Failure case - both `columnConfiguration` and `rowConfiguration` present:

Sample Request

```
aws datazone update-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5" \
--configuration '{
    "columnConfiguration": {
        "includedColumnNames": ["customer_id"]
    },
    "rowConfiguration": {
        "rowFilter": {
```

```
            "expression": {
                "equalTo": {
                    "columnName": "customer_id",
                    "value": "CUST123"
                }
            }
        }
    }
}'
```

Sample Response

```
Parameter validation failed:
Invalid number of parameters set for tagged union structure configuration. Can only set
 one of the following keys: columnConfiguration, rowConfiguration.
```

Example

Failure case - empty `includedColumnNames`:

Sample Request

```
aws datazone update-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5" \
--configuration '{
    "columnConfiguration": {
        "includedColumnNames": []
    }
}'
```

Sample Response

```
An error occurred (ValidationException) when calling the UpdateAssetFilter operation:
 Invalid column configuration. No valid columns found.
```

Example

Failure case - invalid key in `rowFilter` expression:

Sample Request

```
aws datazone update-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5" \
--configuration '{
    "rowConfiguration": {
        "rowFilter": {
            "expression": {
                "invalidOperator": {
                    "columnName": "customer_id",
                    "value": "CUST123"
                }
            }
        }
    }
}'
```

Sample Response

```
Parameter validation failed:
Unknown parameter in configuration.rowConfiguration.rowFilter.expression:
 "invalidOperator", must be one of: equalTo, greaterThan, greaterThanOrEqualTo, in,
 isNotNull, isNull, lessThan, lessThanOrEqualTo, like, notEqualTo, notIn, notLike
```

Example

Failure case - missing `columnName` in row filter:

Sample Request

```
aws datazone update-asset-filter \
--domain-identifier "dzd_53ielnpxktdilj" \
--asset-identifier "ast7k9mpq2xvn4" \
--identifier "flt8p2mq3xvn5" \
--configuration '{
    "rowConfiguration": {
        "rowFilter": {
            "expression": {
                "equalTo": {
                    "value": "CUST123"
                }
            }
        }
    }
}'
```

Sample Response

```
Parameter validation failed:
Missing required parameter in
 configuration.rowConfiguration.rowFilter.expression.equalTo: "columnName"
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateConnection

Updates a connection. In Amazon DataZone, a connection enables you to connect your resources (domains, projects, and environments) to external resources and services.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/connections/identifier HTTP/1.1
Content-type: application/json

{
   "awsLocation": {
      "accessRole": "string",
      "awsAccountId": "string",
      "awsRegion": "string",
      "iamConnectionId": "string"
   },
   "description": "string",
   "props": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where a connection is to be updated.

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

Required: Yes

identifier

The ID of the connection to be updated.

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: Yes

Request Body

The request accepts the following data in JSON format.

awsLocation

The location where a connection is to be updated.

Type: AwsLocation object

Required: No

description

The description of a connection.

Type: String

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

Required: No

props

The connection props.

Type: ConnectionPropertiesPatch object

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

Required: No

Response Syntax

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

{
   "connectionId": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "environmentId": "string",
   "name": "string",
   "physicalEndpoints": [
```

```
{
   "awsLocation": {
      "accessRole": "string",
      "awsAccountId": "string",
      "awsRegion": "string",
      "iamConnectionId": "string"
   },
   "enableTrustedIdentityPropagation": boolean,
   "glueConnection": {
      "athenaProperties": {
         "string" : "string"
      },
      "authenticationConfiguration": {
         "authenticationType": "string",
         "oAuth2Properties": {
            "authorizationCodeProperties": {
               "authorizationCode": "string",
               "redirectUri": "string"
            },
            "oAuth2ClientApplication": {
               "aWSManagedClientApplicationReference": "string",
               "userManagedClientApplicationClientId": "string"
            },
            "oAuth2Credentials": {
               "accessToken": "string",
               "jwtToken": "string",
               "refreshToken": "string",
               "userManagedClientApplicationClientSecret": "string"
            },
            "oAuth2GrantType": "string",
            "tokenUrl": "string",
            "tokenUrlParametersMap": {
               "string" : "string"
            }
         },
         "secretArn": "string"
      },
      "compatibleComputeEnvironments": [ "string" ],
      "connectionProperties": {
         "string" : "string"
      },
      "connectionSchemaVersion": number,
      "connectionType": "string",
      "creationTime": number,
```

```
            "description": "string",
            "lastConnectionValidationTime": number,
            "lastUpdatedBy": "string",
            "lastUpdatedTime": number,
            "matchCriteria": [ "string" ],
            "name": "string",
            "physicalConnectionRequirements": {
               "availabilityZone": "string",
               "securityGroupIdList": [ "string" ],
               "subnetId": "string",
               "subnetIdList": [ "string" ]
            },
            "pythonProperties": {
               "string" : "string"
            },
            "sparkProperties": {
               "string" : "string"
            },
            "status": "string",
            "statusReason": "string"
         },
         "glueConnectionName": "string",
         "host": "string",
         "port": number,
         "protocol": "string",
         "stage": "string"
      }
   ],
   "projectId": "string",
   "props": { ... },
   "scope": "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.

connectionId

The ID of the connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

description

The connection description.

Type: String

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

domainId

The ID of the domain where a connection is to be updated.

Type: String

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

domainUnitId

The ID of the domain unit where a connection is to be updated.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentId

The ID of the environment where a connection is to be updated.

Type: String

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

name

The name of the connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

physicalEndpoints

The physical endpoints of the connection.

Type: Array of PhysicalEndpoint objects

projectId

The project ID of the connection.

Type: String

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

props

The connection props.

Type: ConnectionPropertiesOutput object

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

scope

The scope of the connection.

Type: String

Valid Values: `DOMAIN | PROJECT`

type

The connection type.

Type: String

Valid Values: `ATHENA | BIGQUERY | DATABRICKS | DOCUMENTDB | DYNAMODB | HYPERPOD | IAM | MYSQL | OPENSEARCH | ORACLE | POSTGRESQL | REDSHIFT | S3 | SAPHANA | SNOWFLAKE | SPARK | SQLSERVER | TERADATA | VERTICA | WORKFLOWS_MWAA | AMAZON_Q | MLFLOW`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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
   },
   "retainPermissionsOnRevokeFailure": 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

retainPermissionsOnRevokeFailure

Specifies that the granted permissions are retained in case of a self-subscribe functionality failure for a data source.

Type: Boolean

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": { ... },
   "connectionId": "string",
   "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
    },
    "retainPermissionsOnRevokeFailure": boolean,
    "schedule": {
       "schedule": "string",
       "timezone": "string"
    },
    "selfGrantStatus": { ... },
    "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.

connectionId

The connection ID.

Type: String

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

retainPermissionsOnRevokeFailure

Specifies that the granted permissions are retained in case of a self-subscribe functionality failure for a data source.

Type: Boolean

schedule

The schedule to be updated as part of the `UpdateDataSource` action.

Type: ScheduleConfiguration object

selfGrantStatus

Specifies the status of the self-granting functionality.

Type: SelfGrantStatusOutput 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 `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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "serviceRole": "string",
   "singleSignOn": {
      "idcInstanceArn": "string",
      "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

serviceRole

The service role of the domain.

Type: String

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

Required: No

singleSignOn

The single sign-on option to be updated as part of the `UpdateDomain` action.

Type: SingleSignOn object

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "description": "string",
   "domainExecutionRole": "string",
   "id": "string",
   "lastUpdatedAt": number,
   "name": "string",
   "rootDomainUnitId": "string",
   "serviceRole": "string",
   "singleSignOn": {
      "idcInstanceArn": "string",
      "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

rootDomainUnitId

The ID of the root domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

serviceRole

The service role of the domain.

Type: String

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

singleSignOn

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

Type: SingleSignOn 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateDomainUnit

Updates the domain unit.

Request Syntax

```
PUT /v2/domains/domainIdentifier/domain-units/identifier HTTP/1.1
Content-type: application/json

{
   "description": "string",
   "name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where you want to update a domain unit.

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

Required: Yes

identifier

The ID of the domain unit that you want to update.

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

Pattern: `[a-z0-9_\-]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the domain unit that you want to update.

Type: String

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

Required: No

name

The name of the domain unit that you want to update.

Type: String

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

Pattern: `[\w -]+`

Required: No

Response Syntax

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

{
   "createdAt": number,
   "createdBy": "string",
   "description": "string",
   "domainId": "string",
   "id": "string",
   "lastUpdatedAt": number,
   "lastUpdatedBy": "string",
   "name": "string",
   "owners": [
      { ... }
   ],
   "parentDomainUnitId": "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 time stamp at which the domain unit that you want to update was created.

Type: Timestamp

createdBy

The user who created the domain unit that you want to update.

Type: String

description

The description of the domain unit that you want to update.

Type: String

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

domainId

The ID of the domain where you want to update the domain unit.

Type: String

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

id

The ID of the domain unit that you want to update.

Type: String

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

Pattern: `[a-z0-9_\-]+`

lastUpdatedAt

The timestamp at which the domain unit was last updated.

Type: Timestamp

lastUpdatedBy

The user who last updated the domain unit.

Type: String

name

The name of the domain unit that you want to update.

Type: String

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

Pattern: `[\w -]+`

owners

The owners of the domain unit that you want to update.

Type: Array of DomainUnitOwnerProperties objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

parentDomainUnitId

The ID of the parent domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateEnvironment

Updates the specified environment in Amazon DataZone.

Request Syntax

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

{
   "blueprintVersion": "string",
   "description": "string",
   "glossaryTerms": [ "string" ],
   "name": "string",
   "userParameters": [
      {
         "name": "string",
         "value": "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.

blueprintVersion

The blueprint version to which the environment should be updated. You can only specify the following string for this parameter: `latest`.

Type: String

Required: No

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

userParameters

The user parameters of the environment.

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",
   "deploymentProperties": {
      "endTimeoutMinutes": number,
      "startTimeoutMinutes": number
   },
   "description": "string",
   "domainId": "string",
   "environmentActions": [
      {
         "auth": "string",
         "parameters": [
            {
               "key": "string",
               "value": "string"
            }
         ],
         "type": "string"
      }
   ],
   "environmentBlueprintId": "string",
   "environmentConfigurationId": "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,
            "isUpdateSupported": 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}`

environmentConfigurationId

The configuration ID 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_-]{0,36}`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateEnvironmentAction

Updates an environment action.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/environments/environmentIdentifier/
actions/identifier HTTP/1.1
Content-type: application/json

{
   "description": "string",
   "name": "string",
   "parameters": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The domain ID of the environment action.

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

Required: Yes

environmentIdentifier

The environment ID of the environment action.

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

Required: Yes

identifier

The ID of the environment action.

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the environment action.

Type: String

Required: No

name

The name of the environment action.

Type: String

Required: No

parameters

The parameters of the environment action.

Type: ActionParameters object

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

Required: No

Response Syntax

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

{
   "description": "string",
   "domainId": "string",
   "environmentId": "string",
   "id": "string",
   "name": "string",
   "parameters": { ... }
}
```

Response Elements

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

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

description

The description of the environment action.

Type: String

domainId

The domain ID of the environment action.

Type: String

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

environmentId

The environment ID of the environment action.

Type: String

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

id

The ID of the environment action.

Type: String

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

name

The name of the environment action.

Type: String

parameters

The parameters of the environment action.

Type: ActionParameters object

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

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateEnvironmentBlueprint

Updates an environment blueprint in Amazon DataZone.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/environment-blueprints/identifier HTTP/1.1
Content-type: application/json

{
   "description": "string",
   "provisioningProperties": { ... },
   "userParameters": [
      {
         "defaultValue": "string",
         "description": "string",
         "fieldType": "string",
         "isEditable": boolean,
         "isOptional": boolean,
         "isUpdateSupported": boolean,
         "keyName": "string"
      }
   ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The identifier of the Amazon DataZone domain in which an environment blueprint is to be updated.

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

Required: Yes

identifier

The identifier of the environment blueprint 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 `UpdateEnvironmentBlueprint` action.

Type: String

Required: No

provisioningProperties

The provisioning properties to be updated as part of the `UpdateEnvironmentBlueprint` action.

Type: ProvisioningProperties object

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

Required: No

userParameters

The user parameters to be updated as part of the `UpdateEnvironmentBlueprint` action.

Type: Array of CustomParameter objects

Required: No

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,
         "isUpdateSupported": 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

The timestamp of when the environment blueprint was created.

Type: Timestamp

deploymentProperties

The deployment properties to be updated as part of the `UpdateEnvironmentBlueprint` action.

Type: DeploymentProperties object

description

The description to be updated as part of the `UpdateEnvironmentBlueprint` action.

Type: String

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

glossaryTerms

The glossary terms to be updated as part of the `UpdateEnvironmentBlueprint` 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 blueprint to be updated.

Type: String

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

name

The name to be updated as part of the `UpdateEnvironmentBlueprint` action.

Type: String

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

Pattern: `[\w -]+`

provider

The provider of the blueprint to be udpated.

Type: String

provisioningProperties

The provisioning properties to be updated as part of the `UpdateEnvironmentBlueprint` action.

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 the blueprint was updated.

Type: Timestamp

userParameters

The user parameters to be updated as part of the `UpdateEnvironmentBlueprint` 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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_-]{0,36}`

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 udpated.

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,
         "isUpdateSupported": 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 udpated.

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 udpated.

Type: String

Pattern: `[a-zA-Z0-9_-]{0,36}`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateGlossary

Updates the business glossary in Amazon DataZone.

Prerequisites:

- The glossary must exist in the given domain.
- The caller must have the `datazone:UpdateGlossary` permission to update it.
- When updating the name, the new name must be unique within the domain.
- The glossary must not be deleted or in a terminal state.

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",
   "usageRestrictions": [ "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`

usageRestrictions

The usage restriction of the restricted glossary.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of UpdateGlossary.

Sample Request

```
aws datazone update-glossary \
```

```
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls8m3nqx2wkfp" \
--name "UpdatedCustomerAnalyticsGlossary"
```

Sample Response

```
{
    "domainId": "dzd_53ielnpxktdilj",
    "id": "gls8m3nqx2wkfp",
    "name": "UpdatedCustomerAnalyticsGlossary",
    "owningProjectId": "prj7nx82mkl",
    "status": "ENABLED"
}
```

Example

Failure case - invalid input:

Sample Request

```
aws datazone update-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls8m3nqx2wkfp" \
--name ""
```

Sample Response

```
Parameter validation failed:
Invalid length for parameter name, value: 0, valid min length: 1
```

Example

Failure case - resource not found:

Sample Request

```
aws datazone update-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls_nonexistent" \
--name "NewGlossaryName"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the UpdateGlossary
 operation: Requested businessGlossary cannot be found in domain
```

Example

Failure case - duplicate terms:

Sample Request

```
 aws datazone update-glossary \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "gls8m3nqx2wkfp" \
--name "ExistingGlossaryName"
```

Sample Response

```
An error occurred (ConflictException) when calling the UpdateGlossary operation:
 Conflict with businessGlossary 41dkjgc9m5xj8n
```

See Also

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

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

UpdateGlossaryTerm

Updates a business glossary term in Amazon DataZone.

Prerequisites:

- Glossary term must exist in the specified domain.
- New name must not conflict with existing terms in the same glossary.
- User must have permissions on the term.
- The term must not be in DELETED status.

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" ]
   },
   "usageRestrictions": [ "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

usageRestrictions

The usage restriction of a term within a restricted glossary.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

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

InternalServerException

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

Examples

Example

This example illustrates one usage of UpdateGlossaryTerm.

Sample Request

```
aws datazone update-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "trm9k4pq7xwnmh" \
--name "CustomerLifetimeValueMetric"
```

Sample Response

```
{
    "domainId": "dzd_53ielnpxktdilj",
    "glossaryId": "gls8m3nqx2wkfp",
    "id": "trm9k4pq7xwnmh",
    "name": "CustomerLifetimeValueMetric",
    "status": "ENABLED"
}
```

Example

Failure case - resource does not exist:

Sample Request

```
aws datazone update-glossary-term \
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "trm_nonexistent" \
--name "NewTermName"
```

Sample Response

```
An error occurred (ResourceNotFoundException) when calling the UpdateGlossaryTerm
 operation: The given GlossaryTerm doesn't exist. Try creating GlossaryTerm before
 accessing it.
```

Example

Failure case - invalid input:

Sample Request

```
aws datazone update-glossary-term \
```

```
--domain-identifier "dzd_53ielnpxktdilj" \
--identifier "trm9k4pq7xwnmh" \
--name "$(head -c 300 </dev/zero | tr '\0' 'A')"
```

Sample Response

```
An error occurred (ValidationException) when calling the UpdateGlossaryTerm operation:
 1 validation error detected: Value at 'name' failed to satisfy constraint: Member must
 have length less than or equal to 256
```

See Also

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

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

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "domainUnitId": "string",
   "environmentDeploymentDetails": {
      "environmentFailureReasons": {
         "string" : [
            {
               "code": "string",
               "message": "string"
            }
         ]
      },
      "overallDeploymentStatus": "string"
   },
   "glossaryTerms": [ "string" ],
   "name": "string",
   "projectProfileVersion": "string",
   "resourceTags": {
      "string" : "string"
   },
   "userParameters": [
      {
         "environmentConfigurationName": "string",
         "environmentId": "string",
         "environmentParameters": [
            {
               "name": "string",
               "value": "string"
            }
         ],
         "environmentResolvedAccount": {
            "awsAccountId": "string",
            "regionName": "string",
            "sourceAccountPoolId": "string"
```

```
            }
        }
    ]
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the Amazon DataZone domain where a project is being 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

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

environmentDeploymentDetails

The environment deployment details of the project.

Type: EnvironmentDeploymentDetails object

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

projectProfileVersion

The project profile version to which the project should be updated. You can only specify the following string for this parameter: `latest`.

Type: String

Required: No

resourceTags

The resource tags of the project.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 25 items.

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

userParameters

The user parameters of the project.

Type: Array of EnvironmentConfigurationUserParameter objects

Required: No

Response Syntax

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

{
   "createdAt": "string",
   "createdBy": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "environmentDeploymentDetails": {
      "environmentFailureReasons": {
         "string" : [
            {
               "code": "string",
               "message": "string"
            }
         ]
```

```
      },
      "overallDeploymentStatus": "string"
   },
   "failureReasons": [
      {
         "code": "string",
         "message": "string"
      }
   ],
   "glossaryTerms": [ "string" ],
   "id": "string",
   "lastUpdatedAt": "string",
   "name": "string",
   "projectProfileId": "string",
   "projectStatus": "string",
   "resourceTags": [
      {
         "key": "string",
         "source": "string",
         "value": "string"
      }
   ],
   "userParameters": [
      {
         "environmentConfigurationName": "string",
         "environmentId": "string",
         "environmentParameters": [
            {
               "name": "string",
               "value": "string"
            }
         ],
         "environmentResolvedAccount": {
            "awsAccountId": "string",
            "regionName": "string",
            "sourceAccountPoolId": "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}`

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentDeploymentDetails

The environment deployment details of the project.

Type: EnvironmentDeploymentDetails object

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 -]+`

projectProfileId

The ID of the project profile.

Type: String

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

projectStatus

The status of the project.

Type: String

Valid Values: `ACTIVE | DELETING | DELETE_FAILED | UPDATING | UPDATE_FAILED | MOVING`

resourceTags

The resource tags of the project.

Type: Array of ResourceTag objects

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

userParameters

The user parameters of the project.

Type: Array of EnvironmentConfigurationUserParameter 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateProjectProfile

Updates a project profile.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/project-profiles/identifier HTTP/1.1
Content-type: application/json

{
   "allowCustomProjectResourceTags": boolean,
   "description": "string",
   "domainUnitIdentifier": "string",
   "environmentConfigurations": [
      {
         "accountPools": [ "string" ],
         "awsAccount": { ... },
         "awsRegion": { ... },
         "configurationParameters": {
            "parameterOverrides": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "resolvedParameters": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "ssmPath": "string"
         },
         "deploymentMode": "string",
         "deploymentOrder": number,
         "description": "string",
         "environmentBlueprintId": "string",
         "id": "string",
         "name": "string"
      }
   ],
```

```
   "name": "string",
   "projectResourceTags": [
      {
         "isValueEditable": boolean,
         "key": "string",
         "value": "string"
      }
   ],
   "projectResourceTagsDescription": "string",
   "status": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where a project profile is to be updated.

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

Required: Yes

identifier

The ID of a project 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.

allowCustomProjectResourceTags

Specifies whether custom project resource tags are supported.

Type: Boolean

Required: No

description

The description of a project profile.

Type: String

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

Required: No

domainUnitIdentifier

The ID of the domain unit where a project profile is to be updated.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

environmentConfigurations

The environment configurations of a project profile.

Type: Array of EnvironmentConfiguration objects

Required: No

name

The name of a project profile.

Type: String

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

Pattern: `[\w -]+`

Required: No

projectResourceTags

The resource tags of the project profile.

Type: Array of ResourceTagParameter objects

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

Required: No

projectResourceTagsDescription

Field viewable through the UI that provides a project user with the allowed resource tag specifications.

Type: String

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

Required: No

status

The status of a project profile.

Type: String

Valid Values: `ENABLED | DISABLED`

Required: No

Response Syntax

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

{
   "allowCustomProjectResourceTags": boolean,
   "createdAt": "string",
   "createdBy": "string",
   "description": "string",
   "domainId": "string",
   "domainUnitId": "string",
   "environmentConfigurations": [
      {
         "accountPools": [ "string" ],
         "awsAccount": { ... },
         "awsRegion": { ... },
         "configurationParameters": {
```

```
            "parameterOverrides": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "resolvedParameters": [
               {
                  "isEditable": boolean,
                  "name": "string",
                  "value": "string"
               }
            ],
            "ssmPath": "string"
         },
         "deploymentMode": "string",
         "deploymentOrder": number,
         "description": "string",
         "environmentBlueprintId": "string",
         "id": "string",
         "name": "string"
      }
   ],
   "id": "string",
   "lastUpdatedAt": "string",
   "name": "string",
   "projectResourceTags": [
      {
         "isValueEditable": boolean,
         "key": "string",
         "value": "string"
      }
   ],
   "projectResourceTagsDescription": "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.

allowCustomProjectResourceTags

Specifies whether custom project resource tags are supported.

Type: Boolean

createdAt

The timestamp at which a project profile is created.

Type: Timestamp

createdBy

The user who created a project profile.

Type: String

description

The description of a project profile.

Type: String

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

domainId

The ID of the domain where project profile is to be updated.

Type: String

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

domainUnitId

The domain unit ID of the project profile to be updated.

Type: String

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

Pattern: `[a-z0-9_\-]+`

environmentConfigurations

The environment configurations of a project profile.

Type: Array of EnvironmentConfiguration objects

id

The ID of the project profile.

Type: String

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

lastUpdatedAt

The timestamp at which a project profile was last updated.

Type: Timestamp

name

The name of the project profile.

Type: String

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

Pattern: `[\w -]+`

projectResourceTags

The resource tags of the project profile.

Type: Array of ResourceTagParameter objects

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

projectResourceTagsDescription

Field viewable through the UI that provides a project user with the allowed resource tag specifications.

Type: String

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

status

The status of the project profile.

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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateRootDomainUnitOwner

Updates the owner of the root domain unit.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/root-domain-unit-owner HTTP/1.1
Content-type: application/json

{
   "clientToken": "string",
   "currentOwner": "string",
   "newOwner": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain where the root domain unit owner 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.

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

currentOwner

The current owner of the root domain unit.

Type: String

Pattern: `.*(^([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}$|^[a-zA-Z_0-9+=,.@-]+$|^arn:aws:iam::\d{12}:.+$).*`

Required: Yes

newOwner

The new owner of the root domain unit.

Type: String

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

ConflictException

There is a conflict while performing this action.

HTTP Status Code: 409

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateRule

Updates a rule. In Amazon DataZone, a rule is a formal agreement that enforces specific requirements across user workflows (e.g., publishing assets to the catalog, requesting subscriptions, creating projects) within the Amazon DataZone data portal. These rules help maintain consistency, ensure compliance, and uphold governance standards in data management processes. For instance, a metadata enforcement rule can specify the required information for creating a subscription request or publishing a data asset to the catalog, ensuring alignment with organizational standards.

Request Syntax

```
PATCH /v2/domains/domainIdentifier/rules/identifier HTTP/1.1
Content-type: application/json

{
   "description": "string",
   "detail": { ... },
   "includeChildDomainUnits": boolean,
   "name": "string",
   "scope": {
      "assetType": {
         "selectionMode": "string",
         "specificAssetTypes": [ "string" ]
      },
      "dataProduct": boolean,
      "project": {
         "selectionMode": "string",
         "specificProjects": [ "string" ]
      }
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

domainIdentifier

The ID of the domain in which a rule is to be updated.

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

Required: Yes

identifier

The ID of the rule 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 of the rule.

Type: String

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

Required: No

detail

The detail of the rule.

Type: RuleDetail object

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

Required: No

includeChildDomainUnits

Specifies whether to update this rule in the child domain units.

Type: Boolean

Required: No

name

The name of the rule.

Type: String

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

Pattern: `[\w -]+`

Required: No

scope

The scrope of the rule.

Type: RuleScope object

Required: No

Response Syntax

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

{
   "action": "string",
   "createdAt": number,
   "createdBy": "string",
   "description": "string",
   "detail": { ... },
   "identifier": "string",
   "lastUpdatedBy": "string",
   "name": "string",
   "revision": "string",
   "ruleType": "string",
   "scope": {
      "assetType": {
         "selectionMode": "string",
         "specificAssetTypes": [ "string" ]
      },
      "dataProduct": boolean,
      "project": {
```

```
            "selectionMode": "string",
            "specificProjects": [ "string" ]
        }
    },
    "target": { ... },
    "updatedAt": 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.

action

The action of the rule.

Type: String

Valid Values: `CREATE_LISTING_CHANGE_SET | CREATE_SUBSCRIPTION_REQUEST`

createdAt

The timestamp at which the rule was created.

Type: Timestamp

createdBy

The user who created the rule.

Type: String

description

The description of the rule.

Type: String

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

detail

The detail of the rule.

Type: RuleDetail object

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

identifier

The ID of the rule.

Type: String

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

lastUpdatedBy

The timestamp at which the rule was last updated.

Type: String

name

The name of the rule.

Type: String

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

Pattern: `[\w -]+`

revision

The revision of the rule.

Type: String

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

ruleType

The type of the rule.

Type: String

Valid Values: `METADATA_FORM_ENFORCEMENT | GLOSSARY_TERM_ENFORCEMENT`

scope

The scope of the rule.

Type: RuleScope object

target

The target of the rule.

Type: RuleTarget object

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

updatedAt

The timestamp at which the rule was last 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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
         "assetScope": {
            "assetId": "string",
            "errorMessage": "string",
            "filterIds": [ "string" ],
            "status": "string"
         },
         "failureCause": {
            "message": "string"
         },
         "failureTimestamp": number,
         "grantedTimestamp": number,
         "permissions": { ... },
         "status": "string",
         "targetName": "string"
      }
   ],
   "createdAt": number,
   "createdBy": "string",
   "domainId": "string",
   "environmentId": "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}`

environmentId

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

Type: String

Pattern: `[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

This parameter has been deprecated.

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "existingSubscriptionId": "string",
   "id": "string",
   "metadataForms": [
      {
         "content": "string",
         "formName": "string",
         "typeName": "string",
         "typeRevision": "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}`

existingSubscriptionId

The ID of the existing subscription.

Type: String

Pattern: `[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}`

metadataForms

Metadata forms included in the subscription request.

Type: Array of FormOutput objects

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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",
   "subscriptionGrantCreationMode": "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 20 items.

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

Required: No

manageAccessRole

The manage access role to be updated as part of the `UpdateSubscriptionTarget` action.

Type: String

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

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

subscriptionGrantCreationMode

Determines the subscription grant creation mode for this target, defining if grants are auto-created upon subscription approval or managed manually.

Type: String

Valid Values: `AUTOMATIC | MANUAL`

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",
   "subscriptionGrantCreationMode": "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. Updates are supported in batches of 5 at a time.

Type: Array of strings

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

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

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

subscriptionGrantCreationMode

Determines the subscription grant creation mode for this target, defining if grants are auto-created upon subscription approval or managed manually.

Type: String

Valid Values: `AUTOMATIC | MANUAL`

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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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 results of the UpdateUserProfile action.

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

InternalServerException

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 V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

Data Types

The Amazon 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
- AcceptedAssetScope
- AcceptRule
- AccountInfo
- AccountPoolSummary
- AccountSource
- ActionParameters
- AdditionalAttributes
- AddToProjectMemberPoolPolicyGrantDetail
- AggregationListItem
- AggregationOutput
- AggregationOutputItem
- AllDomainUnitsGrantFilter
- AllUsersGrantFilter
- AmazonQPropertiesInput
- AmazonQPropertiesOutput
- AmazonQPropertiesPatch
- AssetFilterConfiguration
- AssetFilterSummary
- AssetInDataProductListingItem

- AssetItem
- AssetItemAdditionalAttributes
- AssetListing
- AssetListingDetails
- AssetListingItem
- AssetListingItemAdditionalAttributes
- AssetPermission
- AssetRevision
- AssetScope
- AssetTargetNameMap
- AssetTypeItem
- AssetTypesForRule
- AthenaPropertiesInput
- AthenaPropertiesOutput
- AthenaPropertiesPatch
- AttributeError
- AttributeInput
- AuthenticationConfiguration
- AuthenticationConfigurationInput
- AuthenticationConfigurationPatch
- AuthorizationCodeProperties
- AwsAccount
- AwsConsoleLinkParameters
- AwsLocation
- BasicAuthenticationCredentials
- BatchGetAttributeOutput
- BatchPutAttributeOutput
- BusinessNameGenerationConfiguration
- CloudFormationProperties
- ColumnFilterConfiguration

- ConfigurableActionParameter
- ConfigurableEnvironmentAction
- ConnectionCredentials
- ConnectionPropertiesInput
- ConnectionPropertiesOutput
- ConnectionPropertiesPatch
- ConnectionSummary
- CreateAssetTypePolicyGrantDetail
- CreateDomainUnitPolicyGrantDetail
- CreateEnvironmentProfilePolicyGrantDetail
- CreateFormTypePolicyGrantDetail
- CreateGlossaryPolicyGrantDetail
- CreateProjectFromProjectProfilePolicyGrantDetail
- CreateProjectPolicyGrantDetail
- CustomAccountPoolHandler
- CustomParameter
- DataProductItem
- DataProductItemAdditionalAttributes
- DataProductListing
- DataProductListingItem
- DataProductListingItemAdditionalAttributes
- DataProductResultItem
- DataProductRevision
- DataSourceConfigurationInput
- DataSourceConfigurationOutput
- DataSourceErrorMessage
- DataSourceRunActivity
- DataSourceRunLineageSummary
- DataSourceRunSummary
- DataSourceSummary

- Deployment
- DeploymentProperties
- DetailedGlossaryTerm
- DomainSummary
- DomainUnitFilterForProject
- DomainUnitGrantFilter
- DomainUnitGroupProperties
- DomainUnitOwnerProperties
- DomainUnitPolicyGrantPrincipal
- DomainUnitSummary
- DomainUnitTarget
- DomainUnitUserProperties
- EncryptionConfiguration
- EntityPattern
- EnvironmentActionSummary
- EnvironmentBlueprintConfigurationItem
- EnvironmentBlueprintSummary
- EnvironmentConfiguration
- EnvironmentConfigurationParameter
- EnvironmentConfigurationParametersDetails
- EnvironmentConfigurationUserParameter
- EnvironmentDeploymentDetails
- EnvironmentError
- EnvironmentParameter
- EnvironmentProfileSummary
- EnvironmentResolvedAccount
- EnvironmentSummary
- EqualToExpression
- EventSummary
- FailureCause

- Filter
- FilterClause
- FilterExpression
- FormEntryInput
- FormEntryOutput
- FormInput
- FormOutput
- FormTypeData
- GlossaryItem
- GlossaryItemAdditionalAttributes
- GlossaryTermEnforcementDetail
- GlossaryTermItem
- GlossaryTermItemAdditionalAttributes
- GlueConnection
- GlueConnectionInput
- GlueConnectionPatch
- GlueOAuth2Credentials
- GluePropertiesInput
- GluePropertiesOutput
- GluePropertiesPatch
- GlueRunConfigurationInput
- GlueRunConfigurationOutput
- GlueSelfGrantStatusOutput
- GrantedEntity
- GrantedEntityInput
- GreaterThanExpression
- GreaterThanOrEqualToExpression
- GroupDetails
- GroupPolicyGrantPrincipal
- GroupProfileSummary

- HyperPodPropertiesInput
- HyperPodPropertiesOutput
- IamPropertiesInput
- IamPropertiesOutput
- IamPropertiesPatch
- IamUserProfileDetails
- Import
- InExpression
- IsNotNullExpression
- IsNullExpression
- JobRunDetails
- JobRunError
- JobRunSummary
- LakeFormationConfiguration
- LessThanExpression
- LessThanOrEqualToExpression
- LikeExpression
- LineageEventSummary
- LineageInfo
- LineageNodeItem
- LineageNodeReference
- LineageNodeSummary
- LineageNodeTypeItem
- LineageRunDetails
- LineageSqlQueryRunDetails
- LineageSyncSchedule
- ListingItem
- ListingRevision
- ListingRevisionInput
- ListingSummary

- ListingSummaryItem
- ManagedEndpointCredentials
- MatchClause
- MatchOffset
- MatchRationaleItem
- Member
- MemberDetails
- MetadataFormEnforcementDetail
- MetadataFormReference
- MetadataFormSummary
- MetadataGenerationRunItem
- MetadataGenerationRunTarget
- MetadataGenerationRunTypeStat
- MlflowPropertiesInput
- MlflowPropertiesOutput
- MlflowPropertiesPatch
- Model
- NameIdentifier
- NotEqualToExpression
- NotificationOutput
- NotificationResource
- NotInExpression
- NotLikeExpression
- OAuth2ClientApplication
- OAuth2Properties
- OpenLineageRunEventSummary
- OverrideDomainUnitOwnersPolicyGrantDetail
- OverrideProjectOwnersPolicyGrantDetail
- OwnerGroupProperties
- OwnerGroupPropertiesOutput

- OwnerProperties
- OwnerPropertiesOutput
- OwnerUserProperties
- OwnerUserPropertiesOutput
- Permissions
- PhysicalConnectionRequirements
- PhysicalEndpoint
- PolicyGrantDetail
- PolicyGrantMember
- PolicyGrantPrincipal
- PredictionConfiguration
- ProjectDeletionError
- ProjectGrantFilter
- ProjectMember
- ProjectPolicyGrantPrincipal
- ProjectProfileSummary
- ProjectsForRule
- ProjectSummary
- ProvisioningConfiguration
- ProvisioningProperties
- RecommendationConfiguration
- RedshiftClusterStorage
- RedshiftCredentialConfiguration
- RedshiftCredentials
- RedshiftLineageSyncConfigurationInput
- RedshiftLineageSyncConfigurationOutput
- RedshiftPropertiesInput
- RedshiftPropertiesOutput
- RedshiftPropertiesPatch
- RedshiftRunConfigurationInput

- RedshiftRunConfigurationOutput
- RedshiftSelfGrantStatusOutput
- RedshiftServerlessStorage
- RedshiftStorage
- RedshiftStorageProperties
- Region
- RejectChoice
- RejectRule
- RelationalFilterConfiguration
- RelationPattern
- Resource
- ResourceTag
- ResourceTagParameter
- ResultItem
- RowFilter
- RowFilterConfiguration
- RowFilterExpression
- RuleDetail
- RuleScope
- RuleSummary
- RuleTarget
- RunStatisticsForAssets
- S3PropertiesInput
- S3PropertiesOutput
- S3PropertiesPatch
- SageMakerRunConfigurationInput
- SageMakerRunConfigurationOutput
- ScheduleConfiguration
- SearchInItem
- SearchInventoryResultItem

- SearchResultItem
- SearchSort
- SearchTypesResultItem
- SelfGrantStatusDetail
- SelfGrantStatusOutput
- SingleSignOn
- SparkEmrPropertiesInput
- SparkEmrPropertiesOutput
- SparkEmrPropertiesPatch
- SparkGlueArgs
- SparkGluePropertiesInput
- SparkGluePropertiesOutput
- SsoUserProfileDetails
- SubscribedAsset
- SubscribedAssetListing
- SubscribedGroup
- SubscribedGroupInput
- SubscribedIamPrincipal
- SubscribedIamPrincipalInput
- SubscribedListing
- SubscribedListingInput
- SubscribedListingItem
- SubscribedPrincipal
- SubscribedPrincipalInput
- SubscribedProductListing
- SubscribedProject
- SubscribedProjectInput
- SubscribedUser
- SubscribedUserInput
- SubscriptionGrantSummary

- SubscriptionRequestSummary
- SubscriptionSummary
- SubscriptionTargetForm
- SubscriptionTargetSummary
- TermRelations
- TextMatchItem
- TimeSeriesDataPointFormInput
- TimeSeriesDataPointFormOutput
- TimeSeriesDataPointSummaryFormOutput
- Topic
- Unit
- UseAssetTypePolicyGrantDetail
- UserDetails
- UsernamePassword
- UserPolicyGrantPrincipal
- UserProfileDetails
- UserProfileSummary
- WorkflowsMwaaPropertiesInput
- WorkflowsMwaaPropertiesOutput
- WorkflowsServerlessPropertiesInput
- WorkflowsServerlessPropertiesOutput

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

AcceptedAssetScope

The accepted asset scope.

Contents

assetId

The asset ID of the accepted asset scope.

Type: String

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

Required: Yes

filterIds

The filter IDs of the accepted asset scope.

Type: Array of strings

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

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

AccountInfo

The account information within an account pool.

Contents

awsAccountId

The account ID.

Type: String

Pattern: `\d{12}`

Required: Yes

supportedRegions

The regions supported for an account within an account pool.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 3 items.

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

Required: Yes

awsAccountName

The account name.

Type: String

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AccountPoolSummary

The summary of the account pool.

Contents

createdBy

The user who created the account pool.

Type: String

Required: No

domainId

The ID of the domain.

Type: String

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

Required: No

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

id

The ID of the account pool.

Type: String

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

Required: No

name

The name of the account pool.

Type: String

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

Pattern: `[\w -]+`

Required: No

resolutionStrategy

The mechanism used to resolve the account selection from the account pool.

Type: String

Valid Values: `MANUAL`

Required: No

updatedBy

The user who updated the account pool.

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

AccountSource

The source of accounts for the account pool. In the current release, it's either a static list of accounts provided by the customer or a custom AWS Lambda handler.

Contents

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

accounts

The static list of accounts within an account pool.

Type: Array of AccountInfo objects

Array Members: Minimum number of 1 item. Maximum number of 25 items.

Required: No

customAccountPoolHandler

The custom AWS Lambda handler within an account pool.

Type: CustomAccountPoolHandler 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

ActionParameters

The parameters of the environment action.

Contents

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

awsConsoleLink

The console link specified as part of the environment action.

Type: AwsConsoleLinkParameters 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

AdditionalAttributes

Additional details on the queried entity that can be requested in the response.

Contents

formNames

Names of forms on the query entity that can be requested in the response.

Type: Array of strings

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

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

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

AddToProjectMemberPoolPolicyGrantDetail

The details of the policy grant.

Contents

includeChildDomainUnits

Specifies whether the policy grant is applied to child domain units.

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

AggregationListItem

An aggregation list item.

Contents

attribute

An attribute on which to compute aggregations.

Type: String

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

Required: Yes

displayValue

The display value of the aggregation list item. Supported values include `value` and `glossaryTerm.name`.

Type: String

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

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

AggregationOutput

The aggregation for an attribute.

Contents

attribute

The attribute for this aggregation.

Type: String

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

Required: No

displayValue

The display value of the aggregation output item.

Type: String

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

Required: No

items

A list of aggregation output items.

Type: Array of AggregationOutputItem 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

AggregationOutputItem

An aggregation output item.

Contents

count

The count of the aggregation output item.

Type: Integer

Required: No

displayValue

The display value of the aggregation. If the attribute being aggregated corresponds to the id of a public resource, the service automatically resolves the id to the provided display value.

Type: String

Required: No

value

The attribute value of the aggregation output item.

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

AllDomainUnitsGrantFilter

The grant filter for all domain units.

Contents

The members of this exception structure are context-dependent.

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AllUsersGrantFilter

The all users grant filter.

Contents

The members of this exception structure are context-dependent.

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmazonQPropertiesInput

The Amazon Q properties of the connection.

Contents

isEnabled

Specifies whether Amazon Q is enabled for the connection.

Type: Boolean

Required: Yes

authMode

The authentication mode of the connection's Amazon Q properties.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: No

profileArn

The profile ARN of the connection's Amazon Q properties.

Type: String

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

Pattern: `arn:aws[a-z\-]*:[a-z0-9\-]+:[a-z0-9\-]*:[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

AmazonQPropertiesOutput

The Amazon Q properties of the connection.

Contents

isEnabled

Specifies whether Amazon Q is enabled for the connection.

Type: Boolean

Required: Yes

authMode

The authentication mode of the connection's Amazon Q properties.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: No

profileArn

The profile ARN of the connection's Amazon Q properties.

Type: String

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

Pattern: `arn:aws[a-z\-]*:[a-z0-9\-]+:[a-z0-9\-]*:[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

AmazonQPropertiesPatch

The Amazon Q properties of the connection.

Contents

isEnabled

Specifies whether Amazon Q is enabled for the connection.

Type: Boolean

Required: Yes

authMode

The authentication mode of the connection's Amazon Q properties.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: No

profileArn

The profile ARN of the connection's Amazon Q properties.

Type: String

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

Pattern: `arn:aws[a-z\-]*:[a-z0-9\-]+:[a-z0-9\-]*:[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

AssetFilterConfiguration

The configuration details of the asset filter.

Contents

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

columnConfiguration

The column configuration of the asset filter.

Type: ColumnFilterConfiguration object

Required: No

rowConfiguration

The row configuration of the asset filter.

Type: RowFilterConfiguration 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

AssetFilterSummary

The summary of the asset filter.

Contents

assetId

The ID of the data asset.

Type: String

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

Required: Yes

domainId

The ID of the domain where the asset filter lives.

Type: String

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

Required: Yes

id

The ID of the asset filter.

Type: String

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

Required: Yes

name

The name of the asset filter.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

createdAt

The timestamp at which the asset filter was created.

Type: Timestamp

Required: No

description

The description of the asset filter.

Type: String

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

Required: No

effectiveColumnNames

The effective column names of the asset filter.

Type: Array of strings

Required: No

effectiveRowFilter

The effective row filter of the asset filter.

Type: String

Required: No

errorMessage

The error message that is displayed if the action does not succeed.

Type: String

Required: No

status

The status of the asset filter.

Type: String

Valid Values: `VALID | INVALID`

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

AssetInDataProductListingItem

The listing of the asset in a data product.

Contents

entityId

The entity ID of the listing of the asset in a data product.

Type: String

Required: No

entityRevision

The entity revision of the listing of the asset in a data product.

Type: String

Required: No

entityType

The entity type of the listing of the asset in a data product.

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

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 600.

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

governedGlossaryTerms

The restricted glossary terms accociated with an asset.

Type: Array of strings

Array Members: Minimum number of 0 items. 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

matchRationale

List of rationales indicating why this item was matched by search.

Type: Array of MatchRationaleItem 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

governedGlossaryTerms

The restricted glossary terms associated with an asset.

Type: Array of DetailedGlossaryTerm objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

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

governedGlossaryTerms

The restricted glossary terms associated with an asset.

Type: Array of DetailedGlossaryTerm objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

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

matchRationale

List of rationales indicating why this item was matched by search.

Type: Array of MatchRationaleItem 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

AssetPermission

The asset permissions.

Contents

assetId

The asset ID as part of the asset permissions.

Type: String

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

Required: Yes

permissions

The details as part of the asset permissions.

Type: Permissions 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

AssetRevision

The revision of an inventory asset.

Contents

createdAt

The timestamp of when an inventory asset revison 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

AssetScope

The asset scope.

Contents

assetId

The asset ID of the asset scope.

Type: String

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

Required: Yes

filterIds

The filter IDs of the asset scope.

Type: Array of strings

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

Required: Yes

status

The status of the asset scope.

Type: String

Required: Yes

errorMessage

The error message of the asset scope.

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

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: `[^\.]*.*`

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

AssetTypesForRule

The asset type for the rule details.

Contents

selectionMode

The selection mode for the rule.

Type: String

Valid Values: `ALL | SPECIFIC`

Required: Yes

specificAssetTypes

The specific asset types that are included in the rule.

Type: Array of strings

Array Members: Minimum number of 1 item.

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

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AthenaPropertiesInput

The Amazon Athena properties of a connection.

Contents

workgroupName

The Amazon Athena workgroup name of a connection.

Type: String

Length Constraints: Minimum length of 0. 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

AthenaPropertiesOutput

The Amazon Athena properties of a connection.

Contents

workgroupName

The Amazon Athena workgroup name of a connection.

Type: String

Length Constraints: Minimum length of 0. 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

AthenaPropertiesPatch

The Amazon Athena properties patch of a connection.

Contents

workgroupName

The Amazon Athena workgroup name of a connection.

Type: String

Length Constraints: Minimum length of 0. 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

AttributeError

The attribute error.

Contents

attributeIdentifier

The attribute ID as part of the attribute error.

Type: String

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

Required: Yes

code

The code generated as part of the attribute error.

Type: String

Required: Yes

message

The message generated as part of the attribute error.

Type: String

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AttributeInput

The attribute input.

Contents

attributeIdentifier

The ID of the attribute.

Type: String

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

Required: Yes

forms

The metadata forms as part of the attribute input.

Type: Array of FormInput objects

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

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

AuthenticationConfiguration

The authentication configuration of a connection.

Contents

authenticationType

The authentication type of a connection.

Type: String

Valid Values: `BASIC | OAUTH2 | CUSTOM`

Required: No

oAuth2Properties

The oAuth2 properties of a connection.

Type: OAuth2Properties object

Required: No

secretArn

The secret ARN of a connection.

Type: String

Pattern: `arn:aws(-(cn|us-gov|iso(-[bef])?))?:secretsmanager:.*`

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

AuthenticationConfigurationInput

The authentication configuration of a connection.

Contents

authenticationType

The authentication type of a connection.

Type: String

Valid Values: `BASIC | OAUTH2 | CUSTOM`

Required: No

basicAuthenticationCredentials

The basic authentication credentials of a connection.

Type: BasicAuthenticationCredentials object

Required: No

customAuthenticationCredentials

The custom authentication credentials of a connection.

Type: String to string map

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

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

Required: No

kmsKeyArn

The KMS key ARN of a connection.

Type: String

Pattern: `$|arn:aws[a-z0-9-]*:kms:.*`

Required: No

oAuth2Properties

The oAuth2 properties of a connection.

Type: OAuth2Properties object

Required: No

secretArn

The secret ARN of a connection.

Type: String

Pattern: `arn:aws(-(cn|us-gov|iso(-[bef])?))?:secretsmanager:.*`

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

AuthenticationConfigurationPatch

The authentication configuration patch of a connection.

Contents

basicAuthenticationCredentials

The basic authentication credentials of a connection.

Type: BasicAuthenticationCredentials object

Required: No

secretArn

The secret ARN of a connection.

Type: String

Pattern: `arn:aws(-(cn|us-gov|iso(-[bef])?))?:secretsmanager:.*`

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

AuthorizationCodeProperties

The authorization code properties of a connection.

Contents

authorizationCode

The authorization code of a connection.

Type: String

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

Required: No

redirectUri

The redirect URI of a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

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

AwsAccount

The account ID of a project.

Contents

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

awsAccountId

The account ID of a project.

Type: String

Pattern: `\d{12}`

Required: No

awsAccountIdPath

The account ID path of a project.

Type: String

Length Constraints: Minimum length of 1. 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

AwsConsoleLinkParameters

The parameters of the console link specified as part of the environment action.

Contents

uri

The URI of the console link specified as part of the environment action.

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

AwsLocation

The location of a project.

Contents

accessRole

The access role of a connection.

Type: String

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

Required: No

awsAccountId

The account ID of a connection.

Type: String

Pattern: `\d{12}`

Required: No

awsRegion

The Region of a connection.

Type: String

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

Required: No

iamConnectionId

The IAM connection ID of a connection.

Type: String

Length Constraints: Minimum length of 0. 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

BasicAuthenticationCredentials

The basic authentication credentials of a connection.

Contents

password

The password for a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

Pattern: `.*`

Required: No

userName

The user name for the connecion.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

Pattern: \S+

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

BatchGetAttributeOutput

The results of the BatchGetAttribute action.

Contents

attributeIdentifier

The attribute ID.

Type: String

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

Required: Yes

forms

The metadata forms that are part of the results of the BatchGetAttribute action.

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

BatchPutAttributeOutput

The results of the BatchPutAttribute action.

Contents

attributeIdentifier

The attribute ID.

Type: String

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

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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

ColumnFilterConfiguration

The column configuration of the asset filter.

Contents

includedColumnNames

Specifies whether to include column names.

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

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

ConnectionCredentials

The credentials of a connection.

Contents

accessKeyId

The access key ID of a connection.

Type: String

Required: No

expiration

The expiration of the connection credentials.

Type: Timestamp

Required: No

secretAccessKey

The secret access key of a connection.

Type: String

Required: No

sessionToken

The session token of a connection credentials.

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

ConnectionPropertiesInput

The properties of a connection.

Contents

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

amazonQProperties

The Amazon Q properties of the connection.

Type: AmazonQPropertiesInput object

Required: No

athenaProperties

The Amazon Athena properties of a connection.

Type: AthenaPropertiesInput object

Required: No

glueProperties

The AWS Glue properties of a connection.

Type: GluePropertiesInput object

Required: No

hyperPodProperties

The hyper pod properties of a connection.

Type: HyperPodPropertiesInput object

Required: No

iamProperties

The IAM properties of a connection.

Type: IamPropertiesInput object

Required: No

mlflowProperties

The MLflow properties of a connection.

Type: MlflowPropertiesInput object

Required: No

redshiftProperties

The Amazon Redshift properties of a connection.

Type: RedshiftPropertiesInput object

Required: No

s3Properties

The Amazon S3 properties of a connection.

Type: S3PropertiesInput object

Required: No

sparkEmrProperties

The Spark EMR properties of a connection.

Type: SparkEmrPropertiesInput object

Required: No

sparkGlueProperties

The Spark AWS Glue properties of a connection.

Type: SparkGluePropertiesInput object

Required: No

workflowsMwaaProperties

The Amazon MWAA properties of a connection.

Type: WorkflowsMwaaPropertiesInput object

Required: No

workflowsServerlessProperties

The MWAA serverless properties of a connection.

Type: WorkflowsServerlessPropertiesInput 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

ConnectionPropertiesOutput

The properties of a connection.

Contents

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

amazonQProperties

The Amazon Q properties of the connection.

Type: AmazonQPropertiesOutput object

Required: No

athenaProperties

The Amazon Athena properties of a connection.

Type: AthenaPropertiesOutput object

Required: No

glueProperties

The AWS Glue properties of a connection.

Type: GluePropertiesOutput object

Required: No

hyperPodProperties

The hyper pod properties of a connection.

Type: HyperPodPropertiesOutput object

Required: No

iamProperties

The IAM properties of a connection.

Type: IamPropertiesOutput object

Required: No

mlflowProperties

The MLflow properties of a connection.

Type: MlflowPropertiesOutput object

Required: No

redshiftProperties

The Amazon Redshift properties of a connection.

Type: RedshiftPropertiesOutput object

Required: No

s3Properties

The Amazon S3 properties of a connection.

Type: S3PropertiesOutput object

Required: No

sparkEmrProperties

The Spark EMR properties of a connection.

Type: SparkEmrPropertiesOutput object

Required: No

sparkGlueProperties

The Spark AWS Glue properties of a connection.

Type: SparkGluePropertiesOutput object

Required: No

workflowsMwaaProperties

The Amazon MWAA properties of a connection.

Type: WorkflowsMwaaPropertiesOutput object

Required: No

workflowsServerlessProperties

The MWAA serverless properties of a connection.

Type: WorkflowsServerlessPropertiesOutput 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

ConnectionPropertiesPatch

The connection properties patch.

Contents

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

amazonQProperties

The Amazon Q properties of the connection.

Type: AmazonQPropertiesPatch object

Required: No

athenaProperties

The Amazon Athena properties of a connection properties patch.

Type: AthenaPropertiesPatch object

Required: No

glueProperties

The AWS Glue properties of a connection properties patch.

Type: GluePropertiesPatch object

Required: No

iamProperties

The IAM properties of a connection properties patch.

Type: IamPropertiesPatch object

Required: No

mlflowProperties

The MLflow properties of a connection.

Type: MlflowPropertiesPatch object

Required: No

redshiftProperties

The Amazon Redshift properties of a connection properties patch.

Type: RedshiftPropertiesPatch object

Required: No

s3Properties

The Amazon S3 properties of a connection properties patch.

Type: S3PropertiesPatch object

Required: No

sparkEmrProperties

The Spark EMR properties of a connection properties patch.

Type: SparkEmrPropertiesPatch 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

ConnectionSummary

The summary of a connection.

Contents

connectionId

The ID of a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: Yes

domainId

The domain ID of a connection.

Type: String

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

Required: Yes

domainUnitId

The domain unit ID of a connection.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: Yes

name

The connection name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Required: Yes

physicalEndpoints

The connection physical endpoints.

Type: Array of PhysicalEndpoint objects

Required: Yes

type

The connection type.

Type: String

Valid Values: `ATHENA | BIGQUERY | DATABRICKS | DOCUMENTDB | DYNAMODB | HYPERPOD | IAM | MYSQL | OPENSEARCH | ORACLE | POSTGRESQL | REDSHIFT | S3 | SAPHANA | SNOWFLAKE | SPARK | SQLSERVER | TERADATA | VERTICA | WORKFLOWS_MWAA | AMAZON_Q | MLFLOW`

Required: Yes

environmentId

The environment ID of a connection.

Type: String

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

Required: No

projectId

The connection project ID.

Type: String

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

Required: No

props

The connection props.

Type: ConnectionPropertiesOutput object

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

Required: No

scope

The scope of the connection.

Type: String

Valid Values: `DOMAIN | PROJECT`

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

CreateAssetTypePolicyGrantDetail

The details of the policy grant.

Contents

includeChildDomainUnits

Specifies whether the policy grant is applied to child domain units.

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

CreateDomainUnitPolicyGrantDetail

The details of the policy grant.

Contents

includeChildDomainUnits

Specifies whether the policy grant is applied to child domain units.

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

CreateEnvironmentProfilePolicyGrantDetail

The details of the policy grant.

Contents

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

CreateFormTypePolicyGrantDetail

The details of the policy grant.

Contents

includeChildDomainUnits

Specifies whether the policy grant is applied to child domain units.

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

CreateGlossaryPolicyGrantDetail

The details of the policy grant.

Contents

includeChildDomainUnits

Specifies whether the policy grant is applied to child domain units.

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

CreateProjectFromProjectProfilePolicyGrantDetail

Specifies whether to create a project from project profile policy grant details.

Contents

includeChildDomainUnits

Specifies whether to include child domain units when creating a project from project profile policy grant details

Type: Boolean

Required: No

projectProfiles

Specifies project profiles when creating a project from project profile policy grant details

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

CreateProjectPolicyGrantDetail

The details of the policy grant.

Contents

includeChildDomainUnits

Specifies whether the policy grant is applied to child domain units.

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

CustomAccountPoolHandler

The custom AWS Lambda handler within an account pool.

Contents

lambdaFunctionArn

The ARN of the AWS Lambda function for the custom AWS Lambda handler.

Type: String

Pattern: `arn:(?:aws|aws-cn|aws-us-gov):lambda:(?:[a-z]{2}(?:-gov)?-[a-z]+-\d{1,}):(\d{12}):function:[a-zA-Z0-9-_]+(?::[a-zA-Z0-9-_]+)?(?:\$[\w-]+)?`

Required: Yes

lambdaExecutionRoleArn

The ARN of the IAM role that enables Amazon SageMaker Unified Studio to invoke the AWS Lambda funtion if the account source is the custom account pool handler.

Type: String

Pattern: `arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\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

CustomParameter

The details of user parameters of an environment blueprint.

Contents

fieldType

The filed 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

isUpdateSupported

Specifies whether a parameter value can be updated after creation.

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

The data product.

Contents

identifier

The ID of the data product.

Type: String

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

Required: Yes

itemType

The type of the data product.

Type: String

Valid Values: `ASSET`

Required: Yes

glossaryTerms

The glossary terms of the data product.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

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

Required: No

revision

The revision of the data product.

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

DataProductItemAdditionalAttributes

The additional attributes of an Amazon DataZone data product.

Contents

matchRationale

List of rationales indicating why this item was matched by search.

Type: Array of MatchRationaleItem 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

DataProductListing

The data product listing.

Contents

createdAt

The timestamp at which the data product listing was created.

Type: Timestamp

Required: No

dataProductId

The ID of the data product listing.

Type: String

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

Required: No

dataProductRevision

The revision of the data product listing.

Type: String

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

Required: No

forms

The metadata forms of the data product listing.

Type: String

Required: No

glossaryTerms

The glossary terms of the data product listing.

Type: Array of DetailedGlossaryTerm objects

Required: No

items

The data assets of the data product listing.

Type: Array of ListingSummary objects

Required: No

owningProjectId

The ID of the owning project of the data product listing.

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

DataProductListingItem

The asset of the data product listing.

Contents

additionalAttributes

The additional attributes of the asset of the data product.

Type: DataProductListingItemAdditionalAttributes object

Required: No

createdAt

The timestamp at which the asset of the data product listing was created.

Type: Timestamp

Required: No

description

The description of the asset of the asset of the data product.

Type: String

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

Required: No

entityId

The entity ID of the asset of the asset of the data product.

Type: String

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

Required: No

entityRevision

The revision of the asset of the asset of the data product.

Type: String

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

Required: No

glossaryTerms

The glossary terms of the asset of the asset of the data product.

Type: Array of DetailedGlossaryTerm objects

Required: No

items

The data of the asset of the data product.

Type: Array of ListingSummaryItem objects

Required: No

listingCreatedBy

The timestamp at which the listing was created.

Type: String

Required: No

listingId

The ID of the listing.

Type: String

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

Required: No

listingRevision

The revision of the listing.

Type: String

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

Required: No

listingUpdatedBy

The user who updated the listing.

Type: String

Required: No

name

The name of the asset of the data product.

Type: String

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

Required: No

owningProjectId

The ID of the owning project of the asset of the data product.

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

DataProductListingItemAdditionalAttributes

The additional attributes of the asset of the data product.

Contents

forms

The metadata forms of the asset of the data product.

Type: String

Required: No

matchRationale

List of rationales indicating why this item was matched by search.

Type: Array of MatchRationaleItem 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

DataProductResultItem

The data product.

Contents

domainId

The ID of the domain where the data product lives.

Type: String

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

Required: Yes

id

The ID of the data product.

Type: String

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

Required: Yes

name

The name of the data product.

Type: String

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

Required: Yes

owningProjectId

The ID of the owning project of the data product.

Type: String

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

Required: Yes

additionalAttributes

The additional attributes of an Amazon DataZone data product.

Type: DataProductItemAdditionalAttributes object

Required: No

createdAt

The timestamp at which the data product was created.

Type: Timestamp

Required: No

createdBy

The user who created the data product.

Type: String

Required: No

description

The description of the data product.

Type: String

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

Required: No

firstRevisionCreatedAt

The timestamp at which first revision of the data product was created.

Type: Timestamp

Required: No

firstRevisionCreatedBy

The user who created the first revision of the data product.

Type: String

Required: No

glossaryTerms

The glossary terms of the data product.

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

DataProductRevision

The data product revision.

Contents

createdAt

The timestamp at which the data product revision was created.

Type: Timestamp

Required: No

createdBy

The user who created the data product revision.

Type: String

Required: No

domainId

The ID of the domain where the data product revision lives.

Type: String

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

Required: No

id

The ID of the data product revision.

Type: String

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

Required: No

revision

The data product revision.

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

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

sageMakerRunConfiguration

The Amazon SageMaker run configuration.

Type: SageMakerRunConfigurationInput 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

sageMakerRunConfiguration

The Amazon SageMaker run configuration.

Type: SageMakerRunConfigurationOutput 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

lineageSummary

The data lineage summary.

Type: LineageInfo 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

DataSourceRunLineageSummary

The run lineage summary of a data source.

Contents

importStatus

The import status that's part of the run lineage summary of a data source.

Type: String

Valid Values: `IN_PROGRESS | SUCCESS | FAILED | PARTIALLY_SUCCEEDED`

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

lineageSummary

The run lineage summary of a data source.

Type: DataSourceRunLineageSummary 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

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

connectionId

The connection ID that's part of the data source summary.

Type: String

Required: No

createdAt

The timestamp of when the data source was created.

Type: Timestamp

Required: No

description

The data source description.

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

environmentId

The ID of the environment in which the data source exists.

Type: String

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 shoft 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

domainVersion

The domain version.

Type: String

Valid Values: `V1 | V2`

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

DomainUnitFilterForProject

The domain unit filter of the project grant filter.

Contents

domainUnit

The domain unit ID to use in the filter.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: Yes

includeChildDomainUnits

Specifies whether to include child domain units.

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

DomainUnitGrantFilter

The grant filter for the domain unit. In the current release of Amazon DataZone, the only supported filter is the `allDomainUnitsGrantFilter`.

Contents

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

allDomainUnitsGrantFilter

Specifies a grant filter containing all domain units.

Type: AllDomainUnitsGrantFilter 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

DomainUnitGroupProperties

The properties of a domain unit group.

Contents

groupId

The ID of the domain unit group.

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

DomainUnitOwnerProperties

The properties of the domain unit owner.

Contents

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

group

Indicates that the domain unit owner is a group.

Type: DomainUnitGroupProperties object

Required: No

user

Indicates that the domain unit owner is a user.

Type: DomainUnitUserProperties 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

DomainUnitPolicyGrantPrincipal

The domain unit principal to whom the policy is granted.

Contents

domainUnitDesignation

Specifes the designation of the domain unit users.

Type: String

Valid Values: `OWNER`

Required: Yes

domainUnitGrantFilter

The grant filter for the domain unit.

Type: DomainUnitGrantFilter object

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

Required: No

domainUnitIdentifier

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DomainUnitSummary

The summary of the domain unit.

Contents

id

The ID of the domain unit summary.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: Yes

name

The name of the domain unit summary.

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

DomainUnitTarget

The target for the domain unit.

Contents

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: Yes

includeChildDomainUnits

Specifies whether to apply a rule to the child domain units.

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

DomainUnitUserProperties

The properties of the domain unit user.

Contents

userId

The ID of teh domain unit user.

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

EncryptionConfiguration

The encryption configuration details.

Contents

kmsKeyArn

The Amazon Resource Name (ARN) of the KMS key to use for encryption. This field is required only when `sseAlgorithm` is set to `aws:kms`.

Type: String

Required: No

sseAlgorithm

The server-side encryption algorithm to use. Valid values are AES256 for S3-managed encryption keys, or aws:kms for AWS KMS-managed encryption keys. If you choose SSE-KMS encryption you must grant the S3 Tables maintenance principal access to your KMS key. For more information, see Permissions requirements for S3 Tables SSE-KMS encryption.

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

EntityPattern

The pattern describing the entities to be matched during the graph query.

Contents

entityType

The type of entity to be matched during the graph query.

Type: String

Valid Values: `LINEAGE_NODE`

Required: Yes

identifier

The identifier of the root entity to start traversal from during the graph query.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2086.

Required: Yes

filters

A search filter clause in Amazon DataZone.

Type: FilterClause object

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

EnvironmentActionSummary

The details about the specified action configured for an environment. For example, the details of the specified console links for an analytics tool that is available in this environment.

Contents

domainId

The Amazon DataZone domain ID of the environment action.

Type: String

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

Required: Yes

environmentId

The environment ID of the environment action.

Type: String

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

Required: Yes

id

The ID of the environment action.

Type: String

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

Required: Yes

name

The name of the environment action.

Type: String

Required: Yes

parameters

The parameters of the environment action.

Type: ActionParameters object

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

Required: Yes

description

The environment action description.

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

environmentRolePermissionBoundary

The environment role permission boundary.

Type: String

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

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

provisioningConfigurations

The provisioning configuration of a blueprint.

Type: Array of ProvisioningConfiguration objects

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

EnvironmentConfiguration

The configuration of an environment.

Contents

environmentBlueprintId

The environment blueprint ID.

Type: String

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

Required: Yes

name

The environment name.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

accountPools

The account pools used by a custom project profile.

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

awsAccount

The AWS account of the environment.

Type: AwsAccount object

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

Required: No

awsRegion

The AWS Region of the environment.

Type: Region object

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

Required: No

configurationParameters

The configuration parameters of the environment.

Type: EnvironmentConfigurationParametersDetails object

Required: No

deploymentMode

The deployment mode of the environment.

Type: String

Valid Values: `ON_CREATE | ON_DEMAND`

Required: No

deploymentOrder

The deployment order of the environment.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 16.

Required: No

description

The environment description.

Type: String

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

Required: No

id

The environment ID.

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

EnvironmentConfigurationParameter

The environment configuration parameter.

Contents

isEditable

Specifies whether the environment parameter is editable.

Type: Boolean

Required: No

name

The name of the environment configuration parameter.

Type: String

Pattern: `[a-zA-Z_][a-zA-Z0-9_]*`

Required: No

value

The value of the environment configuration 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

EnvironmentConfigurationParametersDetails

The details of the environment configuration parameter.

Contents

parameterOverrides

The parameter overrides.

Type: Array of EnvironmentConfigurationParameter objects

Required: No

resolvedParameters

The resolved environment configuration parameters.

Type: Array of EnvironmentConfigurationParameter objects

Required: No

ssmPath

Ssm path environment configuration parameters.

Type: String

Length Constraints: Minimum length of 1. 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

EnvironmentConfigurationUserParameter

The environment configuration user parameters.

Contents

environmentConfigurationName

The environment configuration name.

Type: String

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

Pattern: `[\w -]+`

Required: No

environmentId

The ID of the environment.

Type: String

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

Required: No

environmentParameters

The environment parameters.

Type: Array of EnvironmentParameter objects

Required: No

environmentResolvedAccount

Specifies the account/Region that is to be used during project creation for a particular blueprint.

Type: EnvironmentResolvedAccount 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

EnvironmentDeploymentDetails

The environment deployment details.

Contents

environmentFailureReasons

Environment failure reasons.

Type: String to array of EnvironmentError objects map

Required: No

overallDeploymentStatus

The overall deployment status of the environment.

Type: String

Valid Values: `PENDING_DEPLOYMENT | IN_PROGRESS | SUCCESSFUL | FAILED_VALIDATION | FAILED_DEPLOYMENT`

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 evironment 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_-]{0,36}`

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

EnvironmentResolvedAccount

Specifies the account/Region that is to be used during project creation for a particular blueprint.

Contents

awsAccountId

The ID of the resolved account.

Type: String

Pattern: `\d{12}`

Required: Yes

regionName

The name of the resolved Region.

Type: String

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

Required: Yes

sourceAccountPoolId

The ID of the account pool.

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

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

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

environmentConfigurationId

The configuration ID with which the environment is created.

Type: String

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

Required: No

environmentProfileId

The identifier of the environment profile with which the environment was created.

Type: String

Pattern: `[a-zA-Z0-9_-]{0,36}`

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

EqualToExpression

Specifies whether the value is equal to an expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might be equal to an expression.

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

EventSummary

The event summary.

Contents

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

openLineageRunEventSummary

The open lineage run event summary.

Type: OpenLineageRunEventSummary 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

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

intValue

A search filter integer value in Amazon DataZone.

Type: Long

Required: No

operator

Specifies the search filter operator.

Type: String

Valid Values: `EQ | LE | LT | GE | GT | TEXT_SEARCH`

Required: No

value

A search filter string value in Amazon DataZone.

Type: String

Length Constraints: Minimum length of 0. 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

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 explresison 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 300000.

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.

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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.datazone.)?(?![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 teh 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 glosary.

Type: String

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

Required: Yes

status

The business glossary status.

Type: String

Valid Values: `DISABLED | ENABLED`

Required: Yes

additionalAttributes

The additional attributes of an Amazon DataZone glossary.

Type: GlossaryItemAdditionalAttributes object

Required: No

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

usageRestrictions

The usage restrictions associated with a goverened glossary term.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

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

GlossaryItemAdditionalAttributes

The additional attributes of an Amazon DataZone glossary.

Contents

matchRationale

List of rationales indicating why this item was matched by search.

Type: Array of MatchRationaleItem 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

GlossaryTermEnforcementDetail

The enforcement details of a glossary term.

Contents

requiredGlossaryTermIds

The ID of the required glossary term.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 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

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

additionalAttributes

The additional attributes of an Amazon DataZone glossary term.

Type: GlossaryTermItemAdditionalAttributes object

Required: No

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

usageRestrictions

The usage restrictions associated with a goverened glossary term.

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: `ASSET_GOVERNED_TERMS`

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

GlossaryTermItemAdditionalAttributes

The additional attributes of an Amazon DataZone glossary term.

Contents

matchRationale

List of rationales indicating why this item was matched by search.

Type: Array of MatchRationaleItem 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

GlueConnection

The AWS Glue connection.

Contents

athenaProperties

The Amazon Athena properties of the AWS Glue connection.

Type: String to string map

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

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

Required: No

authenticationConfiguration

The authentication configuration of the AWS Glue connection.

Type: AuthenticationConfiguration object

Required: No

compatibleComputeEnvironments

The compatible compute environments of the AWS Glue connection.

Type: Array of strings

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

Valid Values: `SPARK | ATHENA | PYTHON`

Required: No

connectionProperties

The properties of the AWS Glue connection.

Type: String to string map

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

Required: No

connectionSchemaVersion

The connection schema version of the AWS Glue connection.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 2.

Required: No

connectionType

The type of the AWS Glue connection.

Type: String

Valid Values: `ATHENA | BIGQUERY | DATABRICKS | DOCUMENTDB | DYNAMODB | HYPERPOD | IAM | MYSQL | OPENSEARCH | ORACLE | POSTGRESQL | REDSHIFT | S3 | SAPHANA | SNOWFLAKE | SPARK | SQLSERVER | TERADATA | VERTICA | WORKFLOWS_MWAA | AMAZON_Q | MLFLOW`

Required: No

creationTime

The creation time of the AWS Glue connection.

Type: Timestamp

Required: No

description

The description of the AWS Glue connection.

Type: String

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

Required: No

lastConnectionValidationTime

The last validation time of the AWS Glue connection.

Type: Timestamp

Required: No

lastUpdatedBy

The user who last updated the AWS Glue connection.

Type: String

Required: No

lastUpdatedTime

The timestamp at which the AWS Glue connection was last updated.

Type: Timestamp

Required: No

matchCriteria

The match criteria of the AWS Glue connection.

Type: Array of strings

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

Required: No

name

The name of the AWS Glue connection.

Type: String

Required: No

physicalConnectionRequirements

The physical connection requirements of the AWS Glue connection.

Type: PhysicalConnectionRequirements object

Required: No

pythonProperties

The Python properties of the AWS Glue connection.

Type: String to string map

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

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

Required: No

sparkProperties

The Spark properties of the AWS Glue connection.

Type: String to string map

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

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

Required: No

status

The status of the AWS Glue connection.

Type: String

Valid Values: `CREATING | CREATE_FAILED | DELETING | DELETE_FAILED | READY | UPDATING | UPDATE_FAILED | DELETED`

Required: No

statusReason

The status reason of the AWS Glue connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 16384.

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

GlueConnectionInput

The AWS Glue connecton input.

Contents

athenaProperties

The Amazon Athena properties of the AWS Glue connection.

Type: String to string map

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

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

Required: No

authenticationConfiguration

The authentication configuration of the AWS Glue connection.

Type: AuthenticationConfigurationInput object

Required: No

connectionProperties

The connection properties of the AWS Glue connection.

Type: String to string map

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

Required: No

connectionType

The connection type of the AWS Glue connection.

Type: String

Valid Values: `SNOWFLAKE | BIGQUERY | DOCUMENTDB | DYNAMODB | MYSQL | OPENSEARCH | ORACLE | POSTGRESQL | REDSHIFT | SAPHANA | SQLSERVER | TERADATA | VERTICA`

Required: No

description

The description of the AWS Glue connection.

Type: String

Required: No

matchCriteria

The match criteria of the AWS Glue connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 10.

Required: No

name

The name of the AWS Glue connection.

Type: String

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

Required: No

physicalConnectionRequirements

The physical connection requirements for the AWS Glue connection.

Type: PhysicalConnectionRequirements object

Required: No

pythonProperties

The Python properties of the AWS Glue connection.

Type: String to string map

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

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

Required: No

sparkProperties

The Spark properties of the AWS Glue connection.

Type: String to string map

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

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

Required: No

validateCredentials

Speciefies whether to validate credentials of the AWS Glue connection.

Type: Boolean

Required: No

validateForComputeEnvironments

Speciefies whether to validate for compute environments of the AWS Glue connection.

Type: Array of strings

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

Valid Values: `SPARK | ATHENA | PYTHON`

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

GlueConnectionPatch

The AWS Glue connection patch.

Contents

authenticationConfiguration

The authentication configuration of the AWS Glue connection patch.

Type: AuthenticationConfigurationPatch object

Required: No

connectionProperties

The properties of the AWS Glue connection patch.

Type: String to string map

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

Required: No

description

The description of the AWS Glue connection patch.

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

GlueOAuth2Credentials

The GlueOAuth2 credentials of a connection.

Contents

accessToken

The access token of a connection.

Type: String

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

Pattern: `[\x20-\x7E]*`

Required: No

jwtToken

The jwt token of the connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8000.

Pattern: `([a-zA-Z0-9_=]+)\.([a-zA-Z0-9_=]+)\.([a-zA-Z0-9_\-\+\/=]*)`

Required: No

refreshToken

The refresh token of the connection.

Type: String

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

Pattern: `[\x20-\x7E]*`

Required: No

userManagedClientApplicationClientSecret

The user managed client application client secret of the connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

Pattern: `[\x20-\x7E]*`

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

GluePropertiesInput

The AWS Glue properties of a connection.

Contents

glueConnectionInput

The AWS Glue connection.

Type: GlueConnectionInput 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

GluePropertiesOutput

The properties of the AWS Glue connection.

Contents

errorMessage

The error message generated if the action is not completed successfully.

Type: String

Required: No

status

The status of a connection.

Type: String

Valid Values: `CREATING | CREATE_FAILED | DELETING | DELETE_FAILED | READY | UPDATING | UPDATE_FAILED | DELETED`

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

GluePropertiesPatch

The AWS Glue properties patch of a connection.

Contents

glueConnectionInput

The AWS Glue properties patch of a connection.

Type: GlueConnectionPatch 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

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

catalogName

The catalog name in the AWS Glue run configuration.

Type: String

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

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

catalogName

The catalog name in the AWS Glue run configuration.

Type: String

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

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

GlueSelfGrantStatusOutput

The details of the self granting status.

Contents

selfGrantStatusDetails

The details for the self granting status for a Glue data source.

Type: Array of SelfGrantStatusDetail objects

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

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

GreaterThanExpression

Specifies whether the value is greater than an expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might be greater than an expression.

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

GreaterThanOrEqualToExpression

Specifies whether the value is greater than or equal to an expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might be greater than or equal to an expression.

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

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

GroupPolicyGrantPrincipal

The group principal to whom the policy is granted.

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 the group principal.

Type: String

Pattern: `.*(^([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}$|[\p{L}\p{M}\p{S}\p{N}\p{P}\t\n\r ]+).*`

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

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

HyperPodPropertiesInput

The hyper pod properties of a AWS Glue properties patch.

Contents

clusterName

The cluster name the hyper pod properties.

Type: String

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

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

HyperPodPropertiesOutput

The hyper pod properties of a AWS Glue properties patch.

Contents

clusterName

The cluster name the hyper pod properties.

Type: String

Required: Yes

clusterArn

The cluster ARN of the hyper pod properties.

Type: String

Required: No

orchestrator

The orchestrator of the hyper pod properties.

Type: String

Valid Values: `EKS | SLURM`

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

IamPropertiesInput

The IAM properties of a connection.

Contents

glueLineageSyncEnabled

Specifies whether AWS Glue lineage sync is enabled for a connection.

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

IamPropertiesOutput

The IAM properties of a connection.

Contents

environmentId

The environment ID of the connection.

Type: String

Required: No

glueLineageSyncEnabled

Specifies whether AWS Glue lineage sync is enabled for a connection.

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

IamPropertiesPatch

The IAM properties patch of a connection.

Contents

glueLineageSyncEnabled

Specifies whether AWS Glue lineage sync is enabled for a connection.

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

IamUserProfileDetails

The details of the IAM user profile.

Contents

arn

The ARN of the IAM user.

Type: String

Required: No

principalId

The principal ID as part of the IAM user profile details.

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

InExpression

Specifies whether values are in the expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

values

The values that might be in the expression.

Type: Array of strings

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

IsNotNullExpression

Specifies that the expression is not null.

Contents

columnName

The name of the column.

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

IsNullExpression

Specifies that the expression is null.

Contents

columnName

The name of the column.

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

JobRunDetails

The details of a job run.

Contents

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

lineageRunDetails

The data lineage details of a job run.

Type: LineageRunDetails 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

JobRunError

The job run error.

Contents

message

The job run error message.

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

JobRunSummary

The job run summary.

Contents

createdAt

The timestamp at which job run was created.

Type: Timestamp

Required: No

createdBy

The user who created the job run.

Type: String

Required: No

domainId

The domain ID of the job run.

Type: String

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

Required: No

endTime

The end time of a job run.

Type: Timestamp

Required: No

error

The error of a job run.

Type: JobRunError object

Required: No

jobId

The job ID of a job run.

Type: String

Required: No

jobType

The job type of a job run.

Type: String

Valid Values: `LINEAGE`

Required: No

runId

The run ID of a job run.

Type: String

Required: No

runMode

The run mode of a job run.

Type: String

Valid Values: `SCHEDULED | ON_DEMAND`

Required: No

startTime

The start time of a job run.

Type: Timestamp

Required: No

status

The status of a job run.

Type: String

Valid Values: `SCHEDULED | IN_PROGRESS | SUCCESS | PARTIALLY_SUCCEEDED | FAILED | ABORTED | TIMED_OUT | CANCELED`

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

LakeFormationConfiguration

The Lake Formation configuration of the Data Lake blueprint.

Contents

locationRegistrationExcludeS3Locations

Specifies certain Amazon S3 locations if you do not want Amazon DataZone to automatically register them in hybrid mode.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

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

Pattern: `s3://.+`

Required: No

locationRegistrationRole

The role that is used to manage read/write access to the chosen Amazon S3 bucket(s) for Data Lake using AWS Lake Formation hybrid access mode.

Type: String

Pattern: `arn:aws[^:]*:iam::\d{12}:(role|role/service-role)/[\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

LessThanExpression

Specifies that a value is less than an expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might be less than the expression.

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

LessThanOrEqualToExpression

Specifies that a value is less than or equal to an expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might be less than or equal to an expression.

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

LikeExpression

Specifies that a value is like the expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might be like the expression.

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

LineageEventSummary

The data lineage event summary.

Contents

createdAt

The timestamp at which data lineage event was created.

Type: Timestamp

Required: No

createdBy

The user who created the data lineage event.

Type: String

Required: No

domainId

The domain ID of the lineage event.

Type: String

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

Required: No

eventSummary

The summary of the data lineate event.

Type: EventSummary object

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

Required: No

eventTime

The time of the data lineage event.

Type: Timestamp

Required: No

id

The ID of the data lineage event.

Type: String

Pattern: `[a-z0-9]{14}`

Required: No

processingStatus

The processing status of the data lineage event.

Type: String

Valid Values: `REQUESTED | PROCESSING | SUCCESS | FAILED`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

LineageInfo

The data lineage information.

Contents

errorMessage

The data lineage error message.

Type: String

Required: No

eventId

The data lineage event ID.

Type: String

Required: No

eventStatus

The data lineage event status.

Type: String

Valid Values: `REQUESTED | PROCESSING | SUCCESS | FAILED`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

LineageNodeItem

The summary and output forms of a LineageNode

Contents

domainId

The ID of the domain of the data lineage node.

Type: String

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

Required: Yes

id

The ID of the data lineage node.

Type: String

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

Required: Yes

typeName

The name of the type of the data lineage node.

Type: String

Required: Yes

createdAt

The timestamp at which the data lineage node was created.

Type: Timestamp

Required: No

createdBy

The user who created the data lineage node.

Type: String

Required: No

description

The description of the data lineage node.

Type: String

Required: No

downstreamLineageNodeIds

The IDs of the downstream data lineage nodes.

Type: Array of strings

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

Required: No

eventTimestamp

The event timestamp of the data lineage node.

Type: Timestamp

Required: No

formsOutput

The forms included in the additional attributes of a data lineage node.

Type: Array of FormOutput objects

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

Required: No

name

The name of the data lineage node.

Type: String

Required: No

sourceIdentifier

The alternate ID of the data lineage node.

Type: String

Required: No

typeRevision

The type of the revision of the data lineage node.

Type: String

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

Required: No

updatedAt

The timestamp at which the data lineage node was updated.

Type: Timestamp

Required: No

updatedBy

The user who updated the data lineage node.

Type: String

Required: No

upstreamLineageNodeIds

The IDs of the upstream data lineage nodes.

Type: Array of strings

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

LineageNodeReference

The reference details for the data lineage node.

Contents

eventTimestamp

The event timestamp of the data lineage node.

Type: Timestamp

Required: No

id

The ID of the data lineage node.

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

LineageNodeSummary

The summary of the data lineage node.

Contents

domainId

The ID of the domain of the data lineage node.

Type: String

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

Required: Yes

id

The ID of the data lineage node.

Type: String

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

Required: Yes

typeName

The name of the type of the data lineage node.

Type: String

Required: Yes

createdAt

The timestamp at which the data lineage node was created.

Type: Timestamp

Required: No

createdBy

The user who created the data lineage node.

Type: String

Required: No

description

The description of the data lineage node.

Type: String

Required: No

eventTimestamp

The event timestamp of the data lineage node.

Type: Timestamp

Required: No

name

The name of the data lineage node.

Type: String

Required: No

sourceIdentifier

The alternate ID of the data lineage node.

Type: String

Required: No

typeRevision

The type of the revision of the data lineage node.

Type: String

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

Required: No

updatedAt

The timestamp at which the data lineage node was updated.

Type: Timestamp

Required: No

updatedBy

The user who updated the data lineage node.

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

LineageNodeTypeItem

The details of a data lineage node type.

Contents

domainId

The ID of the domain where the data lineage node type lives.

Type: String

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

Required: Yes

formsOutput

The forms output of the data lineage node 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

revision

The revision of the data lineage node type.

Type: String

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

Required: Yes

createdAt

The timestamp at which the data lineage node type was created.

Type: Timestamp

Required: No

createdBy

The user who created the data lineage node type.

Type: String

Required: No

description

The description of the data lineage node type.

Type: String

Required: No

name

The name of the data lineage node type.

Type: String

Required: No

updatedAt

The timestamp at which the data lineage node type was updated.

Type: Timestamp

Required: No

updatedBy

The user who updated the data lineage node 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

LineageRunDetails

The data lineage run details.

Contents

sqlQueryRunDetails

The SQL query run details of a data lineage run.

Type: LineageSqlQueryRunDetails 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

LineageSqlQueryRunDetails

The SQL query run details of a data lineage run.

Contents

errorMessages

The error message of the SQL query run details of a data lineage run.

Type: Array of strings

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

Required: No

numQueriesFailed

The number of queries that failed in the SQL query run details of a data lineage run.

Type: Integer

Required: No

queryEndTime

The query end time in the SQL query run details of a data lineage run.

Type: Timestamp

Required: No

queryStartTime

The query start time in the SQL query run details of a data lineage run.

Type: Timestamp

Required: No

totalQueriesProcessed

The total queries processed in the SQL query run details of a data lineage 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

LineageSyncSchedule

The lineage sync schedule.

Contents

schedule

The lineage sync schedule.

Type: String

Pattern: `cron\((\b[0-5]?[0-9]\b) (\b2[0-3]\b|\b[0-1]?[0-9]\b) ([-?*,/\dLW]){1,83} ([-*,/\d]|[a-zA-Z]{3}){1,23} ([-?#*,/\dL]|[a-zA-Z]{3}){1,13} ([^\)]+)\)`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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

dataProductListing

The data product listing.

Type: DataProductListing 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

ListingSummary

The summary of the listing of the data product.

Contents

glossaryTerms

The glossary terms of the data product.

Type: Array of DetailedGlossaryTerm objects

Required: No

listingId

The ID of the data product listing.

Type: String

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

Required: No

listingRevision

The revision of the data product listing.

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

ListingSummaryItem

The results of the data product summary.

Contents

glossaryTerms

The glossary terms of the data product listing.

Type: Array of DetailedGlossaryTerm objects

Required: No

listingId

The ID of the data product listing.

Type: String

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

Required: No

listingRevision

The revision of the data product listing.

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

ManagedEndpointCredentials

The managed endpoint credentials of the EMR on EKS cluster.

Contents

id

The identifier of the managed endpoint credentials.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Required: No

token

The ARN of the managed endpoint credentials.

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

MatchClause

A clause to match a query pattern

Contents

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

entityPattern

The pattern describing the entities for the query to traverse.

Type: EntityPattern object

Required: No

relationPattern

The pattern describing the query's relational traversal.

Type: RelationPattern 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

MatchOffset

The offset of a matched term.

Contents

endOffset

The 0-indexed number indicating the end position (exclusive) of a matched term.

Type: Integer

Required: No

startOffset

The 0-indexed number indicating the start position (inclusive) of a matched term.

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

MatchRationaleItem

A rationale indicating why this item was matched by search.

Contents

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

textMatches

A list of TextMatchItems.

Type: Array of TextMatchItem 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

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

MetadataFormEnforcementDetail

The enforcement details of a metadata form.

Contents

requiredMetadataForms

The required metadata forms.

Type: Array of MetadataFormReference objects

Array Members: Minimum number of 1 item. Maximum number of 5 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

MetadataFormReference

The reference of a metadata form.

Contents

typeIdentifier

The type ID of the metadata form reference.

Type: String

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

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

Required: Yes

typeRevision

The type revision of the metadata form reference.

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

MetadataFormSummary

The summary of the metadata form.

Contents

typeName

The type name of the metadata form.

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 metadata form.

Type: String

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

Required: Yes

formName

The form 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: 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 | PARTIALLY_SUCCEEDED`

Required: No

target

The asset for which metadata was generated.

Type: MetadataGenerationRunTarget object

Required: No

type

This member has been deprecated.

The type of the metadata generation run.

Type: String

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

Required: No

types

The types of the metadata generation run.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

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

MetadataGenerationRunTypeStat

The statistics of the metadata generation run type.

Contents

status

The status of the metadata generation run type statistics.

Type: String

Valid Values: `SUBMITTED | IN_PROGRESS | CANCELED | SUCCEEDED | FAILED | PARTIALLY_SUCCEEDED`

Required: Yes

type

The type of the metadata generation run type statistics.

Type: String

Valid Values: `BUSINESS_DESCRIPTIONS | BUSINESS_NAMES | BUSINESS_GLOSSARY_ASSOCIATIONS`

Required: Yes

errorMessage

The error message displayed if the action fails to run.

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

MlflowPropertiesInput

The MLflow properties of a connection.

Contents

trackingServerArn

The tracking server ARN as part of the MLflow properties of a connection.

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

MlflowPropertiesOutput

The MLflow properties of a connection.

Contents

trackingServerArn

The tracking server ARN as part of the MLflow properties of a connection.

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

MlflowPropertiesPatch

The MLflow properties of a connection.

Contents

trackingServerArn

The tracking server ARN as part of the MLflow properties of a connection.

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

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 100000.

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

NameIdentifier

The name identifier.

Contents

name

The name in the name identifier.

Type: String

Required: No

namespace

The namespace in the name identifier.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

NotEqualToExpression

Specifies that a value is not equal to the expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might not be equal to the expression.

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

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

NotInExpression

Specifies that a value is not in the expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

values

The value that might not be in the expression.

Type: Array of strings

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

NotLikeExpression

Specifies that a value might be not like the expression.

Contents

columnName

The name of the column.

Type: String

Required: Yes

value

The value that might not be like the expression.

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

OAuth2ClientApplication

The OAuth2Client application.

Contents

aWSManagedClientApplicationReference

The AWS managed client application reference in the OAuth2Client application.

Type: String

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

Pattern: \S+

Required: No

userManagedClientApplicationClientId

The user managed client application client ID in the OAuth2Client application.

Type: String

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

Pattern: \S+

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OAuth2Properties

The OAuth2 properties.

Contents

authorizationCodeProperties

The authorization code properties of the OAuth2 properties.

Type: AuthorizationCodeProperties object

Required: No

oAuth2ClientApplication

The OAuth2 client application of the OAuth2 properties.

Type: OAuth2ClientApplication object

Required: No

oAuth2Credentials

The OAuth2 credentials of the OAuth2 properties.

Type: GlueOAuth2Credentials object

Required: No

oAuth2GrantType

The OAuth2 grant type of the OAuth2 properties.

Type: String

Valid Values: `AUTHORIZATION_CODE | CLIENT_CREDENTIALS | JWT_BEARER`

Required: No

tokenUrl

The OAuth2 token URL of the OAuth2 properties.

Type: String

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

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

Required: No

tokenUrlParametersMap

The OAuth2 token URL parameter map of the OAuth2 properties.

Type: String to string map

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

Value Length Constraints: Minimum length of 1. Maximum length of 512.

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

OpenLineageRunEventSummary

The open lineage run event summary.

Contents

eventType

The event type of the open lineage run event summary.

Type: String

Valid Values: `START | RUNNING | COMPLETE | ABORT | FAIL | OTHER`

Required: No

inputs

The inputs of the open lineage run event summary.

Type: Array of NameIdentifier objects

Required: No

job

The job of the open lineage run event summary.

Type: NameIdentifier object

Required: No

outputs

The outputs of the open lineage run event summary.

Type: Array of NameIdentifier objects

Required: No

runId

The runID of the open lineage run event summary.

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

OverrideDomainUnitOwnersPolicyGrantDetail

The grant details of the override domain unit owners policy.

Contents

includeChildDomainUnits

Specifies whether the policy is inherited by child domain units.

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

OverrideProjectOwnersPolicyGrantDetail

The details of the override project owners policy grant.

Contents

includeChildDomainUnits

Specifies whether the policy is inherited by child domain units.

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

OwnerGroupProperties

The properties of the domain unit owners group.

Contents

groupIdentifier

The ID of the domain unit owners group.

Type: String

Pattern: `.*(^([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}$|[\p{L}\p{M}\p{S}\p{N}\p{P}\t\n\r ]+).*`

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

OwnerGroupPropertiesOutput

The properties of the domain unit owners group.

Contents

groupId

The ID of the domain unit owners group.

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

OwnerProperties

The properties of a domain unit's owner.

Contents

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

group

Specifies that the domain unit owner is a group.

Type: OwnerGroupProperties object

Required: No

user

Specifies that the domain unit owner is a user.

Type: OwnerUserProperties 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

OwnerPropertiesOutput

The ID of the domain unit owners group.

Contents

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

group

Specifies that the domain unit owner is a group.

Type: OwnerGroupPropertiesOutput object

Required: No

user

Specifies that the domain unit owner is a user.

Type: OwnerUserPropertiesOutput 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

OwnerUserProperties

The properties of the owner user.

Contents

userIdentifier

The ID of the owner user.

Type: String

Pattern: `.*(^([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}$|^[a-zA-Z_0-9+=,.@-]+$|^arn:aws:iam::\d{12}:.+$).*`

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

OwnerUserPropertiesOutput

The properties of the owner user.

Contents

userId

The ID of the owner user.

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

Permissions

The asset permissions.

Contents

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

s3

The S3 details of the asset permissions.

Type: Array of strings

Valid Values: `READ | WRITE`

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

PhysicalConnectionRequirements

Physical connection requirements of a connection.

Contents

availabilityZone

The availability zone of the physical connection requirements of a connection.

Type: String

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

Required: No

securityGroupIdList

The group ID list of the physical connection requirements of a connection.

Type: Array of strings

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

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

Required: No

subnetId

The subnet ID of the physical connection requirements of a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 32.

Pattern: `subnet-[a-z0-9]+`

Required: No

subnetIdList

The subnet ID list of the physical connection requirements of a connection.

Type: Array of strings

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

Length Constraints: Minimum length of 0. Maximum length of 32.

Pattern: `subnet-[a-z0-9]+`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PhysicalEndpoint

The physical endpoints of a connection.

Contents

awsLocation

The location of a connection.

Type: AwsLocation object

Required: No

enableTrustedIdentityPropagation

Specified whether trusted identity propagation for the connection is enabled.

Type: Boolean

Required: No

glueConnection

The AWS Glue connection.

Type: GlueConnection object

Required: No

glueConnectionName

The AWS Glue connection name.

Type: String

Required: No

host

The host in the physical endpoints of a connection.

Type: String

Required: No

port

The port in the physical endpoints of a connection.

Type: Integer

Required: No

protocol

The protocol in the physical endpoints of a connection.

Type: String

Valid Values: `ATHENA | GLUE_INTERACTIVE_SESSION | HTTPS | JDBC | LIVY | ODBC | PRISM`

Required: No

stage

The stage in the physical endpoints of a connection.

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

PolicyGrantDetail

The details of the policy grant.

Contents

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

addToProjectMemberPool

Specifies that the policy grant is to be added to the members of the project.

Type: AddToProjectMemberPoolPolicyGrantDetail object

Required: No

createAssetType

Specifies that this is a create asset type policy.

Type: CreateAssetTypePolicyGrantDetail object

Required: No

createDomainUnit

Specifies that this is a create domain unit policy.

Type: CreateDomainUnitPolicyGrantDetail object

Required: No

createEnvironment

Specifies that this is a create environment policy.

Type: Unit object

Required: No

createEnvironmentFromBlueprint

The details of the policy of creating an environment.

Type: Unit object

Required: No

createEnvironmentProfile

Specifies that this is a create environment profile policy.

Type: CreateEnvironmentProfilePolicyGrantDetail object

Required: No

createFormType

Specifies that this is a create form type policy.

Type: CreateFormTypePolicyGrantDetail object

Required: No

createGlossary

Specifies that this is a create glossary policy.

Type: CreateGlossaryPolicyGrantDetail object

Required: No

createProject

Specifies that this is a create project policy.

Type: CreateProjectPolicyGrantDetail object

Required: No

createProjectFromProjectProfile

Specifies whether to create a project from project profile.

Type: CreateProjectFromProjectProfilePolicyGrantDetail object

Required: No

delegateCreateEnvironmentProfile

Specifies that this is the delegation of the create environment profile policy.

Type: Unit object

Required: No

overrideDomainUnitOwners

Specifies whether to override domain unit owners.

Type: OverrideDomainUnitOwnersPolicyGrantDetail object

Required: No

overrideProjectOwners

Specifies whether to override project owners.

Type: OverrideProjectOwnersPolicyGrantDetail object

Required: No

useAssetType

Specifies the domain unit(s) whose projects can use this asset type while creating asset or asset revisions.

Type: UseAssetTypePolicyGrantDetail 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

PolicyGrantMember

A member of the policy grant list.

Contents

createdAt

Specifies the timestamp at which policy grant member was created.

Type: Timestamp

Required: No

createdBy

Specifies the user who created the policy grant member.

Type: String

Required: No

detail

The details of the policy grant member.

Type: PolicyGrantDetail object

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

Required: No

grantId

The ID of the policy grant.

Type: String

Pattern: `[A-Za-z0-9+/]{10}`

Required: No

principal

The principal of the policy grant member.

Type: PolicyGrantPrincipal object

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PolicyGrantPrincipal

The policy grant principal.

Contents

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

domainUnit

The domain unit of the policy grant principal.

Type: DomainUnitPolicyGrantPrincipal object

Required: No

group

The group of the policy grant principal.

Type: GroupPolicyGrantPrincipal object

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

Required: No

project

The project of the policy grant principal.

Type: ProjectPolicyGrantPrincipal object

Required: No

user

The user of the policy grant principal.

Type: UserPolicyGrantPrincipal object

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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

ProjectGrantFilter

The project grant filter.

Contents

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

domainUnitFilter

The domain unit filter of the project grant filter.

Type: DomainUnitFilterForProject 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

ProjectMember

The details of a project member.

Contents

designation

The designated role of a project member.

Type: String

Valid Values: `PROJECT_OWNER | PROJECT_CONTRIBUTOR | PROJECT_CATALOG_VIEWER | PROJECT_CATALOG_CONSUMER | PROJECT_CATALOG_STEWARD`

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

ProjectPolicyGrantPrincipal

The project policy grant principal.

Contents

projectDesignation

The project designation of the project policy grant principal.

Type: String

Valid Values: `OWNER | CONTRIBUTOR | PROJECT_CATALOG_STEWARD`

Required: Yes

projectGrantFilter

The project grant filter of the project policy grant principal.

Type: ProjectGrantFilter object

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

Required: No

projectIdentifier

The project ID of the project policy grant principal.

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

ProjectProfileSummary

The summary of a project profile.

Contents

createdBy

The user who created the project profile.

Type: String

Required: Yes

domainId

The domain ID of the project profile.

Type: String

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

Required: Yes

id

The ID of the project profile.

Type: String

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

Required: Yes

name

The name of a project profile.

Type: String

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

Pattern: `[\w -]+`

Required: Yes

createdAt

The timestamp of when the project profile was created.

Type: Timestamp

Required: No

description

The description of the project profile.

Type: String

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

Required: No

domainUnitId

The domain unit ID of the project profile.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

lastUpdatedAt

The timestamp at which a project profile was last updated.

Type: Timestamp

Required: No

status

The status of a project profile.

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

ProjectsForRule

Specifies projects in which the rule is created.

Contents

selectionMode

The selection mode of the rule.

Type: String

Valid Values: `ALL | SPECIFIC`

Required: Yes

specificProjects

The specific projects in which the rule is created.

Type: Array of strings

Array Members: Minimum number of 1 item.

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

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

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

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 | UPDATING | UPDATE_FAILED | MOVING`

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

ProvisioningConfiguration

The provisioning configuration of the blueprint.

Contents

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

lakeFormationConfiguration

The Lake Formation configuration of the Data Lake blueprint.

Type: LakeFormationConfiguration 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

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

RedshiftCredentials

Amazon Redshift credentials of a connection.

Contents

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

secretArn

The secret ARN of the Amazon Redshift credentials of a connection.

Type: String

Pattern: `arn:aws[^:]*:secretsmanager:[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]:\d{12}:secret:.*`

Required: No

usernamePassword

The username and password of the Amazon Redshift credentials of a connection.

Type: UsernamePassword 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

RedshiftLineageSyncConfigurationInput

The Amaon Redshift lineage sync configuration.

Contents

enabled

Specifies whether the Amaon Redshift lineage sync configuration is enabled.

Type: Boolean

Required: No

schedule

The schedule of the Amaon Redshift lineage sync configuration.

Type: LineageSyncSchedule 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

RedshiftLineageSyncConfigurationOutput

The Amaon Redshift lineage sync configuration.

Contents

enabled

Specifies whether the Amaon Redshift lineage sync configuration is enabled.

Type: Boolean

Required: No

lineageJobId

The lineage job ID of the Amaon Redshift lineage sync configuration.

Type: String

Required: No

schedule

The schedule of teh Amaon Redshift lineage sync configuration.

Type: LineageSyncSchedule 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

RedshiftPropertiesInput

The Amazon Redshift properties.

Contents

credentials

The Amaon Redshift credentials.

Type: RedshiftCredentials object

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

Required: No

databaseName

The Amazon Redshift database name.

Type: String

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

Required: No

host

The Amazon Redshift host.

Type: String

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

Required: No

lineageSync

The lineage sync of the Amazon Redshift.

Type: RedshiftLineageSyncConfigurationInput object

Required: No

port

The Amaon Redshift port.

Type: Integer

Required: No

storage

The Amazon Redshift storage.

Type: RedshiftStorageProperties object

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RedshiftPropertiesOutput

The Amazon Redshift properties.

Contents

credentials

The Amazon Redshift credentials.

Type: RedshiftCredentials object

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

Required: No

databaseName

The Amazon Redshift database name.

Type: String

Required: No

isProvisionedSecret

Specifies whether Amaon Redshift properties has a provisioned secret.

Type: Boolean

Required: No

jdbcIamUrl

The jdbcIam URL of the Amazon Redshift properties.

Type: String

Required: No

jdbcUrl

The jdbcURL of the Amazon Redshift properties.

Type: String

Required: No

lineageSync

The lineage syn of the Amazon Redshift properties.

Type: RedshiftLineageSyncConfigurationOutput object

Required: No

redshiftTempDir

The redshiftTempDir of the Amazon Redshift properties.

Type: String

Required: No

status

The status in the Amazon Redshift properties.

Type: String

Valid Values: `CREATING | CREATE_FAILED | DELETING | DELETE_FAILED | READY | UPDATING | UPDATE_FAILED | DELETED`

Required: No

storage

The storage in the Amazon Redshift properties.

Type: RedshiftStorageProperties object

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

Required: No

See Also

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

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

RedshiftPropertiesPatch

Amazon Redshift properties patch.

Contents

credentials

The credentials in the Amazon Redshift properties patch.

Type: RedshiftCredentials object

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

Required: No

databaseName

The name in the Amazon Redshift properties patch.

Type: String

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

Required: No

host

The host in the Amazon Redshift properties patch.

Type: String

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

Required: No

lineageSync

The lineage sync in the Amazon Redshift properties patch.

Type: RedshiftLineageSyncConfigurationInput object

Required: No

port

The port in the Amazon Redshift properties patch.

Type: Integer

Required: No

storage

The storage in the Amazon Redshift properties patch.

Type: RedshiftStorageProperties object

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RedshiftRunConfigurationInput

The configuration details of the Amazon Redshift data source.

Contents

relationalFilterConfigurations

The relational filger 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

redshiftCredentialConfiguration

The details of the credentials required to access an Amazon Redshift cluster.

Type: RedshiftCredentialConfiguration object

Required: No

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: 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

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 filger 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

redshiftCredentialConfiguration

The details of the credentials required to access an Amazon Redshift cluster.

Type: RedshiftCredentialConfiguration object

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

RedshiftSelfGrantStatusOutput

The details for the self granting status for an Amazon Redshift data source.

Contents

selfGrantStatusDetails

The details for the self granting status for an Amazon Redshift data source.

Type: Array of SelfGrantStatusDetail objects

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

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

RedshiftStorageProperties

The Amazon Redshift storage properties.

Contents

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

clusterName

The cluster name in the Amazon Redshift storage properties.

Type: String

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

Required: No

workgroupName

The workgroup name in the Amazon Redshift storage properties.

Type: String

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Region

The AWS Region.

Contents

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

regionName

The AWS Region name.

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

regionNamePath

The region name path.

Type: String

Length Constraints: Minimum length of 1. 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

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

RelationPattern

The pattern describing the query's relational traversal.

Contents

relationDirection

The direction to query.

Type: String

Valid Values: `IN | OUT`

Required: Yes

relationType

The type of relation to query.

Type: String

Valid Values: `LINEAGE`

Required: Yes

maxPathLength

The number of hops to query.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

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

ResourceTag

The resource tag of the project.

Contents

key

The key of the resource tag of the project.

Type: String

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

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

Required: Yes

source

The source of the resource tag of the project.

Type: String

Valid Values: `PROJECT | PROJECT_PROFILE`

Required: Yes

value

The value of the resource tag of the project.

Type: String

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

Pattern: `[\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

ResourceTagParameter

The resource tag parameter of the project profile.

Contents

isValueEditable

Specifies whether the value of the resource tag parameter of the project profile is editable at the project level.

Type: Boolean

Required: Yes

key

The key of the resource tag parameter of the project profile.

Type: String

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

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

Required: Yes

value

The value of the resource tag parameter key of the project profile.

Type: String

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

Pattern: `[\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

ResultItem

Resulting entity from the query.

Contents

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

lineageNode

Resulting data lineage node from the query.

Type: LineageNodeItem 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

RowFilter

The row filter.

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' clause of the row filter.

Type: Array of RowFilter objects

Required: No

expression

The expression of the row filter.

Type: RowFilterExpression object

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

Required: No

or

The 'or' clause of the row filter.

Type: Array of RowFilter 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

RowFilterConfiguration

The row filter configuration details.

Contents

rowFilter

The row filter.

Type: RowFilter object

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

Required: Yes

sensitive

Specifies whether the row filter is sensitive.

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

RowFilterExpression

The row filter expression.

Contents

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

equalTo

The 'equal to' clause of the row filter expression.

Type: EqualToExpression object

Required: No

greaterThan

The 'greater than' clause of the row filter expression.

Type: GreaterThanExpression object

Required: No

greaterThanOrEqualTo

The 'greater than or equal to' clause of the filter expression.

Type: GreaterThanOrEqualToExpression object

Required: No

in

The 'in' clause of the row filter expression.

Type: InExpression object

Required: No

isNotNull

The 'is not null' clause of the row filter expression.

Type: IsNotNullExpression object

Required: No

isNull

The 'is null' clause of the row filter expression.

Type: IsNullExpression object

Required: No

lessThan

The 'less than' clause of the row filter expression.

Type: LessThanExpression object

Required: No

lessThanOrEqualTo

The 'less than or equal to' clause of the row filter expression.

Type: LessThanOrEqualToExpression object

Required: No

like

The 'like' clause of the row filter expression.

Type: LikeExpression object

Required: No

notEqualTo

The 'no equal to' clause of the row filter expression.

Type: NotEqualToExpression object

Required: No

notIn

The 'not in' clause of the row filter expression.

Type: NotInExpression object

Required: No

notLike

The 'not like' clause of the row filter expression.

Type: NotLikeExpression 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

RuleDetail

The details of a rule.

Contents

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

glossaryTermEnforcementDetail

The enforcement details of a glossary term that's part of the metadata rule.

Type: GlossaryTermEnforcementDetail object

Required: No

metadataFormEnforcementDetail

The enforcement detail of the metadata form.

Type: MetadataFormEnforcementDetail 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

RuleScope

The scope of a rule.

Contents

assetType

The asset type included in the rule scope.

Type: AssetTypesForRule object

Required: No

dataProduct

The data product included in the rule scope.

Type: Boolean

Required: No

project

The project included in the rule scope.

Type: ProjectsForRule 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

RuleSummary

The summary of the rule.

Contents

action

The action of the rule.

Type: String

Valid Values: `CREATE_LISTING_CHANGE_SET | CREATE_SUBSCRIPTION_REQUEST`

Required: No

identifier

The ID of the rule.

Type: String

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

Required: No

lastUpdatedBy

The timestamp at which the rule was last updated.

Type: String

Required: No

name

The name of the rule.

Type: String

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

Pattern: `[\w -]+`

Required: No

revision

The revision of the rule.

Type: String

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

Required: No

ruleType

The type of the rule.

Type: String

Valid Values: `METADATA_FORM_ENFORCEMENT | GLOSSARY_TERM_ENFORCEMENT`

Required: No

scope

The scope of the rule.

Type: RuleScope object

Required: No

target

The target of the rule.

Type: RuleTarget object

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

Required: No

targetType

The target type of the rule.

Type: String

Valid Values: `DOMAIN_UNIT`

Required: No

updatedAt

The timestamp at which the rule was last updated.

Type: Timestamp

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RuleTarget

The target of the rule.

Contents

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

domainUnitTarget

The ID of the domain unit.

Type: DomainUnitTarget 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

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

S3PropertiesInput

The Amazon S3 properties of a connection.

Contents

s3Uri

The Amazon S3 URI that's part of the Amazon S3 properties of a connection.

Type: String

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

Pattern: `s3://.+`

Required: Yes

s3AccessGrantLocationId

The Amazon S3 Access Grant location ID that's part of the Amazon S3 properties of a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

S3PropertiesOutput

The Amazon S3 properties of a connection.

Contents

s3Uri

The Amazon S3 URI that's part of the Amazon S3 properties of a connection.

Type: String

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

Pattern: `s3://.+`

Required: Yes

errorMessage

The error message that gets displayed.

Type: String

Required: No

s3AccessGrantLocationId

The Amazon S3 Access Grant location ID that's part of the Amazon S3 properties of a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

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

Required: No

status

The status of the Amazon S3 connection.

Type: String

Valid Values: `CREATING | CREATE_FAILED | DELETING | DELETE_FAILED | READY | UPDATING | UPDATE_FAILED | DELETED`

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

S3PropertiesPatch

The Amazon S3 properties patch of a connection.

Contents

s3Uri

The Amazon S3 URI that's part of the Amazon S3 properties patch of a connection.

Type: String

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

Pattern: `s3://.+`

Required: Yes

s3AccessGrantLocationId

The Amazon S3 Access Grant location ID that's part of the Amazon S3 properties patch of a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SageMakerRunConfigurationInput

The Amazon SageMaker run configuration.

Contents

trackingAssets

The tracking assets of the Amazon SageMaker run.

Type: String to array of strings map

Map Entries: Maximum number of 1 item.

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

Array Members: Minimum number of 0 items. Maximum number of 500 items.

Pattern: `arn:aws[^:]*:sagemaker:[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]:\d{12}:[\w+=,.@-]{1,128}/[\w+=,.@-]{1,256}`

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SageMakerRunConfigurationOutput

The Amazon SageMaker run configuration.

Contents

trackingAssets

The tracking assets of the Amazon SageMaker.

Type: String to array of strings map

Map Entries: Maximum number of 1 item.

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

Array Members: Minimum number of 0 items. Maximum number of 500 items.

Pattern: `arn:aws[^:]*:sagemaker:[a-z]{2}-?(iso|gov)?-{1}[a-z]*-{1}[0-9]:\d{12}:[\w+=,.@-]{1,128}/[\w+=,.@-]{1,256}`

Required: Yes

accountId

The Amazon SageMaker account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `\d{12}`

Required: No

region

The Amazon SageMaker Region.

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

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\((\b[0-5]?[0-9]\b) (\b2[0-3]\b|\b[0-1]?[0-9]\b) ([-?*,/\dLW]){1,83} ([-*,/\d]|[a-zA-Z]{3}){1,23} ([-?#*,/\dL]|[a-zA-Z]{3}){1,13} ([^\)]+)\).*`

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

SearchInItem

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.

Type: DataProductResultItem 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

dataProductListing

The data product listing.

Type: DataProductListingItem 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 wya 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

lineageNodeTypeItem

The details of a data lineage node type.

Type: LineageNodeTypeItem 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

SelfGrantStatusDetail

The details for the self granting status.

Contents

databaseName

The name of the database used for the data source.

Type: String

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

Required: Yes

status

The self granting status of the data source.

Type: String

Valid Values: `GRANT_PENDING | REVOKE_PENDING | GRANT_IN_PROGRESS | REVOKE_IN_PROGRESS | GRANTED | GRANT_FAILED | REVOKE_FAILED`

Required: Yes

failureCause

The reason for why the operation failed.

Type: String

Required: No

schemaName

The name of the schema used in 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

SelfGrantStatusOutput

The details for the self granting status for a data source.

Contents

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

glueSelfGrantStatus

The details for the self granting status for a Glue data source.

Type: GlueSelfGrantStatusOutput object

Required: No

redshiftSelfGrantStatus

The details for the self granting status for an Amazon Redshift data source.

Type: RedshiftSelfGrantStatusOutput 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

idcInstanceArn

The ARN of the IDC instance.

Type: String

Pattern: `.*arn:(aws|aws-us-gov|aws-cn|aws-iso|aws-iso-b):sso:::instance/(sso)?ins-[a-zA-Z0-9-.]{16}.*`

Required: No

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

SparkEmrPropertiesInput

The Spark EMR properties.

Contents

computeArn

The compute ARN of Spark EMR.

Type: String

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

Pattern: `arn:aws(-(cn|us-gov|iso(-[bef])?))?:(elasticmapreduce|emr-serverless|emr-containers):.*`

Required: No

instanceProfileArn

The instance profile ARN of Spark EMR.

Type: String

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

Required: No

javaVirtualEnv

The java virtual env of the Spark EMR.

Type: String

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

Required: No

logUri

The log URI of the Spark EMR.

Type: String

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

Required: No

managedEndpointArn

The managed endpoint ARN of the EMR on EKS cluster.

Type: String

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

Required: No

pythonVirtualEnv

The Python virtual env of the Spark EMR.

Type: String

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

Required: No

runtimeRole

The runtime role of the Spark EMR.

Type: String

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

Required: No

trustedCertificatesS3Uri

The certificates S3 URI of the Spark EMR.

Type: String

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SparkEmrPropertiesOutput

The Spark EMR properties.

Contents

certificateData

The certificate data of the EMR on EKS cluster.

Type: String

Required: No

computeArn

The compute ARN of the Spark EMR.

Type: String

Required: No

credentials

The credentials of the Spark EMR.

Type: UsernamePassword object

Required: No

credentialsExpiration

The credential expiration of the Spark EMR.

Type: Timestamp

Required: No

governanceType

The governance type of the Spark EMR.

Type: String

Valid Values: `AWS_MANAGED | USER_MANAGED`

Required: No

instanceProfileArn

The instance profile ARN of the Spark EMR.

Type: String

Required: No

javaVirtualEnv

The Java virtual env of the Spark EMR.

Type: String

Required: No

livyEndpoint

The livy endpoint of the Spark EMR.

Type: String

Required: No

logUri

The log URI of the Spark EMR.

Type: String

Required: No

managedEndpointArn

The managed endpoint ARN of the EMR on EKS cluster.

Type: String

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

Required: No

managedEndpointCredentials

The managed endpoint credentials of the EMR on EKS cluster.

Type: ManagedEndpointCredentials object

Required: No

pythonVirtualEnv

The Python virtual env of the Spark EMR.

Type: String

Required: No

runtimeRole

The runtime role of the Spark EMR.

Type: String

Required: No

trustedCertificatesS3Uri

The trusted certificate S3 URL of the Spark EMR.

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

SparkEmrPropertiesPatch

The Spark EMR properties patch.

Contents

computeArn

The compute ARN in the Spark EMR properties patch.

Type: String

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

Pattern: `arn:aws(-(cn|us-gov|iso(-[bef])?))?:(elasticmapreduce|emr-serverless|emr-containers):.*`

Required: No

instanceProfileArn

The instance profile ARN in the Spark EMR properties patch.

Type: String

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

Required: No

javaVirtualEnv

The Java virtual evn in the Spark EMR properties patch.

Type: String

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

Required: No

logUri

The log URI in the Spark EMR properties patch.

Type: String

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

Required: No

managedEndpointArn

The managed endpoint ARN of the EMR on EKS cluster.

Type: String

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

Required: No

pythonVirtualEnv

The Python virtual env in the Spark EMR properties patch.

Type: String

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

Required: No

runtimeRole

The runtime role in the Spark EMR properties patch.

Type: String

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

Required: No

trustedCertificatesS3Uri

The trusted certificates S3 URI in the Spark EMR properties patch.

Type: String

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SparkGlueArgs

The Spark AWS Glue args.

Contents

connection

The connection in the Spark AWS Glue args.

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

SparkGluePropertiesInput

The Spark AWS Glue properties.

Contents

additionalArgs

The additional args in the Spark AWS Glue properties.

Type: SparkGlueArgs object

Required: No

glueConnectionName

The AWS Glue connection name in the Spark AWS Glue properties.

Type: String

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

Required: No

glueVersion

The AWS Glue version in the Spark AWS Glue properties.

Type: String

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

Required: No

idleTimeout

The idle timeout in the Spark AWS Glue properties.

Type: Integer

Required: No

javaVirtualEnv

The Java virtual env in the Spark AWS Glue properties.

Type: String

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

Required: No

numberOfWorkers

The number of workers in the Spark AWS Glue properties.

Type: Integer

Required: No

pythonVirtualEnv

The Python virtual env in the Spark AWS Glue properties.

Type: String

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

Required: No

workerType

The worker type in the Spark AWS Glue properties.

Type: String

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SparkGluePropertiesOutput

The Spark AWS Glue properties.

Contents

additionalArgs

The additional args in the Spark AWS Glue properties.

Type: SparkGlueArgs object

Required: No

glueConnectionName

The AWS Glue connection name in the Spark AWS Glue properties.

Type: String

Required: No

glueVersion

The AWS Glue version in the Spark AWS Glue properties.

Type: String

Required: No

idleTimeout

The idle timeout in the Spark AWS Glue properties.

Type: Integer

Required: No

javaVirtualEnv

The Java virtual env in the Spark AWS Glue properties.

Type: String

Required: No

numberOfWorkers

The number of workers in the Spark AWS Glue properties.

Type: Integer

Required: No

pythonVirtualEnv

The Python virtual env in the Spark AWS Glue properties.

Type: String

Required: No

workerType

The worker type in the Spark AWS Glue properties.

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

SsoUserProfileDetails

The SSO user profile detail.

Contents

firstName

The first name as part of the SSO user profile detail.

Type: String

Required: No

lastName

The last name as part of the SSO user profile detail.

Type: String

Required: No

username

The username as part of the SSO user profile detail.

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

assetScope

The asset scope of the subscribed asset.

Type: AssetScope object

Required: No

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

permissions

The asset permissions.

Type: Permissions object

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

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

assetScope

The asset scope of the subscribed asset listing.

Type: AssetScope object

Required: No

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

permissions

The asset permissions.

Type: Permissions object

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SubscribedGroup

The group that subscribes to the asset.

Contents

id

The ID of the subscribed group.

Type: String

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

Required: No

name

The name of the subscribed group.

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

SubscribedGroupInput

The details of the subscribed group.

Contents

identifier

The ID of the subscribed group.

Type: String

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SubscribedIamPrincipal

The IAM principal that subscribes to the asset.

Contents

principalArn

The ARN of the subscribed IAM principal.

Type: String

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

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SubscribedIamPrincipalInput

The details of the subscribed IAM principal.

Contents

identifier

The ARN of the subscribed IAM principal.

Type: String

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

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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

productListing

The data product listing.

Type: SubscribedProductListing 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.

group

The subscribed group.

Type: SubscribedGroup object

Required: No

iam

The subscribed IAM principal.

Type: SubscribedIamPrincipal object

Required: No

project

The project that has the subscription grant.

Type: SubscribedProject object

Required: No

user

The subscribed user.

Type: SubscribedUser 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 subscriptiong grant.

Contents

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

group

The subscribed group.

Type: SubscribedGroupInput object

Required: No

iam

The subscribed IAM principal.

Type: SubscribedIamPrincipalInput object

Required: No

project

The project that is to be given a subscription grant.

Type: SubscribedProjectInput object

Required: No

user

The subscribed user.

Type: SubscribedUserInput 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

SubscribedProductListing

The data product listing.

Contents

assetListings

The data assets of the data product listing.

Type: Array of AssetInDataProductListingItem objects

Required: No

description

The description of the data product listing.

Type: String

Required: No

entityId

The ID of the data product listing.

Type: String

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

Required: No

entityRevision

The revision of the data product listing.

Type: String

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

Required: No

glossaryTerms

The glossary terms of the data product listing.

Type: Array of DetailedGlossaryTerm objects

Required: No

name

The name of the data product listing.

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

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

SubscribedUser

The subscribed user.

Contents

details

The subscribed user details.

Type: UserProfileDetails object

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

Required: No

id

The ID of the subscribed user.

Type: String

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SubscribedUserInput

The subscribed user.

Contents

identifier

The ID of the subscribed user.

Type: String

Pattern: `([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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

environmentId

The environment ID of the subscription grant.

Type: String

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

Required: No

subscriptionId

This member has been deprecated.

The ID of the subscription.

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

existingSubscriptionId

The ID of the existing subscription.

Type: String

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

Required: No

metadataFormsSummary

The summary of the metadata forms.

Type: Array of MetadataFormSummary objects

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 20 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

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

manageAccessRole

The manage access role specified in the subscription target.

Type: String

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

Required: No

subscriptionGrantCreationMode

Determines the subscription grant creation mode for this target, defining if grants are auto-created upon subscription approval or managed manually.

Type: String

Valid Values: `AUTOMATIC | MANUAL`

Required: No

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

TextMatchItem

A structure indicating matched terms for an attribute.

Contents

attribute

The name of the attribute.

Type: String

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

Required: No

matchOffsets

List of offsets indicating matching terms in the TextMatchItem text.

Type: Array of MatchOffset objects

Required: No

text

Snippet of attribute text containing highlighted content.

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

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

Unit

The details of the policy of creating an environment.

Contents

The members of this exception structure are context-dependent.

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UseAssetTypePolicyGrantDetail

Specifies the domain unit(s) whose projects can use this asset type while creating asset or asset revisions.

Contents

domainUnitId

The ID of the domain unit.

Type: String

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

Pattern: `[a-z0-9_\-]+`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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

UsernamePassword

The username and password of a connection.

Contents

password

The password of a connection.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Required: Yes

username

The username of a connection.

Type: String

Length Constraints: Minimum length of 0. 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

UserPolicyGrantPrincipal

The user policy grant principal.

Contents

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

allUsersGrantFilter

The all users grant filter of the user policy grant principal.

Type: AllUsersGrantFilter object

Required: No

userIdentifier

The user ID of the user policy grant principal.

Type: String

Pattern: `.*(^([0-9a-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{12}$|^[a-zA-Z_0-9+=,.@-]+$|^arn:aws:iam::\d{12}:.+$).*`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UserProfileDetails

The user profile details.

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 of the user profile.

Type: IamUserProfileDetails object

Required: No

sso

The SSO details of the user profile.

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-f]{10}-|)[A-Fa-f0-9]{8}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{4}-[A-Fa-f0-9]{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

WorkflowsMwaaPropertiesInput

The Amazon MWAA properties.

Contents

mwaaEnvironmentName

The MWAA environment name.

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

WorkflowsMwaaPropertiesOutput

The Amazon MWAA properties.

Contents

mwaaEnvironmentName

The MWAA environment name.

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

WorkflowsServerlessPropertiesInput

The MWAA serverless properties.

Contents

The members of this exception structure are context-dependent.

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

WorkflowsServerlessPropertiesOutput

The MWAA serverless properties.

Contents

The members of this exception structure are context-dependent.

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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