# ListLinkedTypes

Lists linked types (for example, Amazon Sagemaker user profiles) that are added to Amazon DataZone.

## Request Syntax

```
GET /v2/domains/domainIdentifier/linked-types?
environmentIdentifier=environmentIdentifier&itemIdentifier=itemIdentifier&itemType=itemType&max
 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

**environmentIdentifier**

 The ID of the Amazon DataZone environment.

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

**itemIdentifier**

 The ID of the linked type item.

**itemType**

 The type of the linked item.

 Valid Values: `SAGEMAKER_DOMAIN | SAGEMAKER_USER_PROFILE | CUSTOM`

**maxResults**

 The maximum number of linked types to return in a single call to ListLinkedTypes. When the number of linked types 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 ListLinkedTypes to list the next set of linked types.

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

**nextToken**

When the number of linked types 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 linked types, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListLinkedTypes to list the next set of linked types.

Length Constraints: Minimum length of 1. Maximum length of 8192.

**principalIdentifier**

The ID of the Amazon DataZone user.

**projectIdentifier**

The ID of the project of which the Amazon DataZone user is a member.

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": [
      {
         "arn": "string",
         "authorizedPrincipals": [
            {
               "principalIdentifier": "string",
               "principalType": "string"
            }
```

```
        ],
        "configuration": {
            "string" : "string"
        },
        "connectedEntities": [
            {
                "connectedEntityConnectionType": "string",
                "connectedEntityIdentifier": "string",
                "connectedEntityType": "string"
            }
        ],
        "environmentIdentifier": "string",
        "itemIdentifier": "string",
        "itemType": "string",
        "name": "string",
        "projectIdentifier": "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 LinkLinkedTypes action.

Type: Array of ListLinkedTypeItem objects

### nextToken

When the number of linked types 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 linked types, the response includes a pagination token named NextToken. You can specify this NextToken value in a subsequent call to ListLinkedTypes to list the next set of linked types.

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