



Informatica® Cloud Data Marketplace
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API Reference

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CHAPTER 1

Introduction

You can use Informatica Intelligent Cloud Services Application Integration to make REST API calls to Data Marketplace. You can use these REST calls to create, manage, and retrieve Data Marketplace objects. You can then send the objects to another application and reuse them for other purposes.

How to call a Data Marketplace API

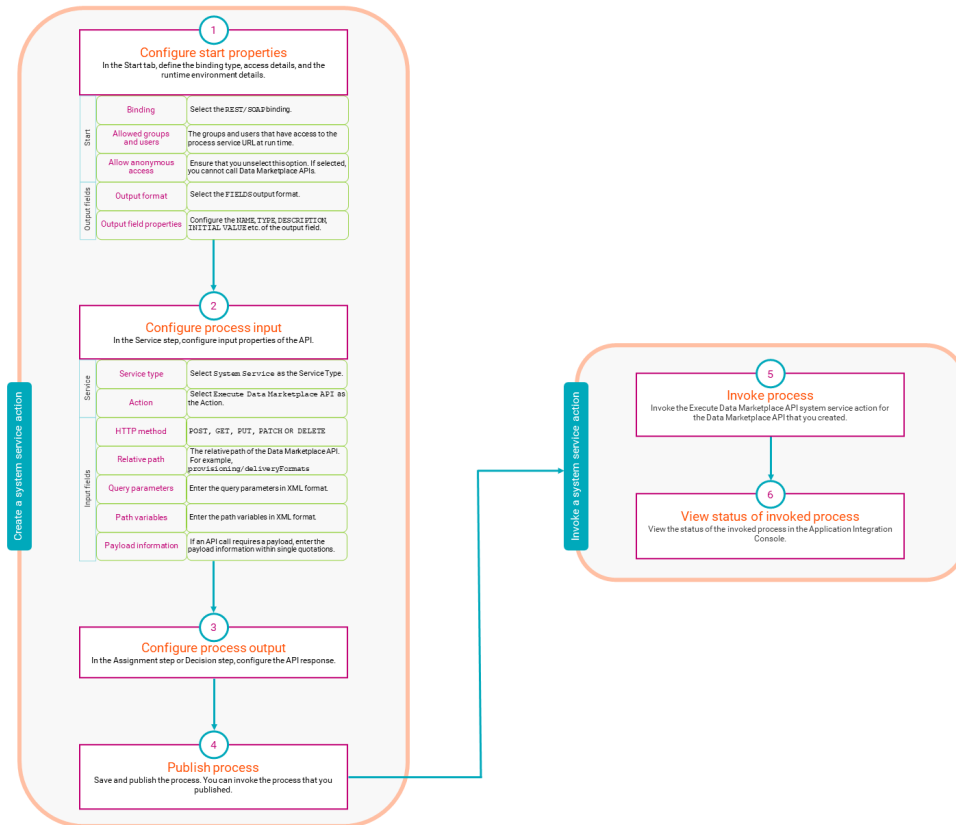
To call a Data Marketplace API, you must use an Application Integration system service action.

What is Application Integration?

Application Integration is an event-driven and service-oriented Informatica Intelligent Cloud Services offering that encompasses event processing, service orchestration, and process management.

How to use Application Integration to call a Data Marketplace API

The following image shows the overall process of using Application Integration to call a Data Marketplace API:



To call a Data Marketplace API via Application Integration, perform the following steps:

1. In Application Integration, create an `Execute Data Marketplace API` type system service action.
2. Invoke the system service action that you created to call the Data Marketplace API.

Note: You require Informatica Processing Units (IPUs) to use Application Integration. For more information about how to calculate your IPU usage, see <https://network.informatica.com/docs/DOC-19140>.

How can I retrieve the base URL?

In the following URL:

```
https://{CDMP_URL}/api/v1/integration/provisioning/deliveryTemplates?status=ACTIVE
```

`https://{CDMP_URL}/` is the base URL and `/api/v1/integration/provisioning/deliveryTemplates` is the API endpoint.

The base URL varies based on your region. The following table shows the regions and their corresponding base URLs:

Region	Base URL
United States of America	https://cdgc-api.dm-us.informaticacloud.com/cdmp-marketplace/
United Kingdom	https://cdgc-api.dm-uk.informaticacloud.com/cdmp-marketplace/
Canada	https://cdgc-api.dm-na.informaticacloud.com/cdmp-marketplace/
Europe, Middle East, Africa (EMEA)	https://cdgc-api.dm-em.informaticacloud.com/cdmp-marketplace/
Asia, Pacific	https://cdgc-api.dm-ap.informaticacloud.com/cdmp-marketplace/
Japan	https://cdgc-api.dm-apne.informaticacloud.com/cdmp-marketplace/

You can call Data Marketplace APIs only via Application Integration. You can call only 100 APIs per minute.

Create a system service action

Before you can call a Data Marketplace API, you must design an `Execute Data Marketplace API` type system service action in Application Integration.

For more information about how you can design system service action, see the *Execute Data Marketplace API* topic in the *Design* help in Application Integration.

You can also use a template to design a system service action. For more information, see <https://knowledge.informatica.com/s/article/CDMP-Rest-Accelerator-Pack>.

If you want to understand the behavior of an API before you design an Application Integration system service action, you can use the following Swagger instance:

https://{{CDMP_URL}}/docs/swagger-ui/index.html?urls.primaryName=public#/

For more information about how you can retrieve the applicable `CDMP_URL`, see [“How to call a Data Marketplace API” on page 7](#).

To use the Swagger instance, you require a `userSessionId` (`IDS-SESSION-ID`), `Bearer` and `serviceToken` (`IDS-SERVICE-TOKEN`). You can use the `/identity-service/api/v1/Login` API to retrieve the `userSessionId`. The value of the `sessionId` parameter in the response body is the value that you must use for the `userSessionId` parameter. For more information about how you can retrieve the `sessionId` value, see the *Login* topic in the *REST API Reference* help in Administrator. The `Bearer` is a JSON Web Token. For more information about how you can retrieve the JSON Web Token, see the *Generating and getting JWT tokens for managed APIs* topic in the *API Portal Guide* help in API Portal.

Start properties

In Application Integration, define the binding type and access details for the system service action that you want to create.

The following table describes how to configure the **Start** properties for a system service action to call a Data Marketplace API:

Property	Description
Binding	If you want to run the process by using a service URL, select <code>REST/SOAP</code> as the binding type.
Allowed Groups	Specify the user groups that should have access to the process service URL at run time.
Allowed Users	Specify the users that should have access to the process service URL at run time.
Allow anonymous access	Ensure that you do not select the Allow anonymous access property. If you select Allow anonymous access , you cannot call Data Marketplace APIs.

For more information about the **Start** properties, see the *Start Properties* topic in the *Design* help in Application Integration.

Input Field properties

In Application Integration, define the service properties and input properties for the system service action that you want to create.

The following table describes how to configure the **Service** properties for a system service action to call a Data Marketplace API:

Property	Description
Service Type	Select <code>System Service</code> as the service type.
Action	Select <code>Execute Data Marketplace API</code> as the action.

The following table describes how to configure the **Input Field** properties for a system service action to call a Data Marketplace API:

Property	Description
HTTP Method	Enter one of the following methods to invoke the Data Marketplace API: - GET - PUT - PATCH - POST
Relative Path	Enter the relative path of the API that you want to invoke. You can use an API endpoint to discover the relative path. Consider the following examples: - For the API endpoint <code>/api/v1/integration/categories</code>, the relative path is <code>categories</code>. - For the API endpoint <code>/api/v1/integration/provisioning/deliveryFormats</code>, the relative path is <code>provisioning/deliveryFormats</code>. - For the API endpoint <code>/api/v1/integration/orders/<orderId>/fulfill</code>, the relative path is <code>orders/<orderId>/fulfill</code>.

Query parameter

If the Data Marketplace API that you want to invoke requires you to specify query parameters, you can enter the query parameters in XML format.

The following example shows how you must enter the query parameters:

```
<DataMarketplaceQueryParameters>
  <queryParams>
    <name>deliveryTargetId</name>
    <value>6ddc722a-a4e3-4738-8880-913af86204b2</value>
  </queryParams>
  <queryParams>
    <name>comment</name>
    <value><p>Fulfilled</p></value>
  </queryParams>
</DataMarketplaceQueryParameters>
```

Path variables

If the Data Marketplace API that you want to invoke requires you to specify path variables, you can enter the path variables in XML format.

The following example shows how you must enter the path variables:

```
<DataMarketplacePathVariables>
  <pathVariables>
    <name>orderId</name>
    <value>6ddc722a-a4e3-4738-8880-913af86204b2</value>
  </pathVariables>
</DataMarketplacePathVariables>
```

Payload

If an API call requires a payload, enter the payload information within single quotations.

The following example shows how you must enter the payload information for an API call:

```
{
  "items": [
    {
      "refId": "3d0af52d-4ed1-44e2-9e09-ea9e3a77baaa",
      "name": "CreateUsageContext1",
      "description": "desc",
      "status": "ACTIVE"
    },
    {
      "refId": "3d0-jsnbj-52d-4ed1-44e2-9e09-ea9e3a77a",
      "name": "CreateUsageContext2",
      "description": "desc",
      "status": "INACTIVE"
    }
  ]
}
```

For more information about the **Input Field** properties, see the *Input Field Properties* topic in the *Design* help in Application Integration.

Output Field properties

In the **Start** step of a new process in Application Integration, you can define the properties of the output fields.

The following table describes how to configure the **Output Field** properties for a system service action to call a Data Marketplace API:

Property	Description
Output Format	Specify whether you want the output field to represent one or more fields of the response, or the entire contents of the response. Select on of the following output formats: - If you want the output field to represent one or more fields of the response, select the <code>Fields</code> output format. - If you want the output field to represent the entire contents of the response, select the <code>Whole Payload</code> output format. To call a Data Marketplace, Informatica recommends that you select the <code>Fields</code> output format.
Name	Enter the name of the output field.
Type	Specify the type of the output field. Select on of the following field types: - <code>Date</code> - <code>Date Time</code> - <code>Time</code> - <code>Integer</code> - <code>Text</code> If the preceding types don't meet your requirements, select the <code>More types</code> option to reveal additional field types. In the Edit Type dialog box, you can select a field type that is listed under one of the following category: - <code>Simple Types</code> - <code>Custom Types</code> - <code>Connection defined Types</code>
Description	Enter the description for the output field.
Initial Value	Enter the initial value for the output field.

For more information about the **Output Field** properties, see the *Output Field Properties* topic in the *Design* help in Application Integration.

Before you can configure the API response in an **Assignment** step or a **Decision** step, ensure that you have defined the output field properties of the process in the **Start** step. For more information about an **Assignment** step or a **Decision** step, see *Adding Process Steps* topic in the *Design* help in Application Integration.

Invoke a system service action

To make a REST API call, invoke the `Execute Data Marketplace API` system service action that you designed for the Data Marketplace API.

For more information, see the *Invoke* help in Application Integration.

Response body and response codes

Response body

The REST API sends a response header and response body in JSON format with information about the success or failure of the REST API call.

Response codes

If the REST API call is successful, the API might return the following codes in the response body:

- 200. Returns data.
- 201. Request is created successfully.
- 202. Request is accepted.
- 204. No content to send back.

If the REST API call fails, the API might return the following codes in the response body:

- 400. Bad request.
- 401. Incorrect authorization.
- 403. Forbidden request.
- 404. Resource not found.
- 405. Method not allowed.
- 500. Internal server error.

CHAPTER 2

Define settings for data collections

This chapter includes the following topics:

- [Categories, 14](#)
- [Delivery formats, 27](#)
- [Delivery methods, 34](#)
- [Delivery templates, 42](#)
- [Delivery targets, 56](#)
- [Terms of use, 71](#)
- [Usage types, 81](#)
- [Cost centers, 91](#)

Categories

A category is a grouping of related data collections. It is a predefined classification where a Data Owner can publish data collections.

Create categories

Use a REST API to create categories in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/categories
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
name	Required. The name of the category that you want to create.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a category as "Retail Department" while a category called "Retail department" already exists, the API call fails.
description	Required. The description of the category.	-
dataOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Category Owner of the category.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL / cloudUI/products/ administer/main/ usersAsset/ 0LH3xBJC9A6haZ26htGZyT, the unique identifier is 0LH3xBJC9A6haZ26htGZyT. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL / cloudUI/products/ administer/main/ userGroupsAsset/ 90uizkSWg0ycuu7hSNXSW4, the unique identifier is 90uizkSWg0ycuu7hSNXSW4.

Example request

The following example shows how you can use an API to create a category:

```
{
  "items": [
    {
      "name": "Retail Department",
      "description": "This category represents the retail department.",
    }
  ]
}
```

```

      "dataOwners": [
        "e9paNlaKR8MdFJnETEs2k4"
      ]
    }
  ]
}

```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a category:

```

{
  "processingTime": 10105,
  "objects": [
    {
      "index": 1,
      "id": "2fa40528-410d-4cf6-8ee3-9f3ef328285c",
      "refId": "CAT-414",
      "name": "Retail Department"
    }
  ]
}

```

The following table describes the parameters of each category that is created:

Parameter	Description
index	The position of the category in the <code>objects</code> JSON array. This value does not impact how the category is used by a Data Marketplace user.
id	The system generated unique identifier of the category.
refId	The reference identifier of the category.
name	Name of the category.

Retrieve categories

Use a REST API to retrieve the details of categories in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/categories
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
search	Optional. The search term that you want to use to find a category.	Ensure that the search term that you enter don't contain an asterisk (*).
fields	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION
ids	Optional. The system generated unique identifier of the category.	To get the unique identifier of a category, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/category/view?ac=67417f72-e5ab-44f0-add9-a1e412c1ce13&dt=_AfterEBF%20may20</code>, the unique identifier is 67417f72-e5ab-44f0-add9-a1e412c1ce13. To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>

Parameter	Description	Additional Information
dataOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Category Owner of the category.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL / cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT, the unique identifier is 0LH3xBJC9A6haZ26htGZyT. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL / cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4, the unique identifier is 90uizkSWg0ycuu7hSNXSW4.
status	Optional. Status of the category.	Enter one of the following values: - To find categories that are available to Data Owners, enter ACTIVE. - To find categories that are unavailable to Data Owners, enter INACTIVE.
createdDateFrom	Optional. To find categories created between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.

Parameter	Description	Additional Information
<code>createdDateTo</code>	Optional. To find categories created between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
<code>modifiedDateFrom</code>	Optional. To find categories modified between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
<code>modifiedDateTo</code>	Optional. To find categories modified between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.
<code>sortByField</code>	Optional. Sort by various parameters.	To sort the search results, you can enter one of the following values: - ID - NAME - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is <code>MODIFIED_ON</code>.
<code>sort</code>	Optional. Set the sorting order of the search results.	Enter one of the following values: - To sort the search results by ascending order, enter <code>ASC</code>. - To sort the search results by descending order, enter <code>DESC</code>. Default value is <code>DESC</code>.

Parameter	Description	Additional Information
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.
rootOnly	Optional. Use this parameter to retrieve only the top-most category of a hierarchy.	Enter one of the following values: - If you want to retrieve only the topmost category of a hierarchy and don't want the search results to contain subcategories, enter <code>true</code>. - If you don't want to retrieve only the topmost category of a hierarchy and want the search results to contain subcategories, enter <code>false</code>. Default value is <code>false</code> .

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of a category:

```
https://{{CDMP_URL}}/api/v1/integration/categories?status=ACTIVE
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of a category:

```
{
  "processingTime": 369,
  "offset": 0,
  "limit": 50,
  "totalCount": 186,
  "objects": [
    {
      "id": "2fa40528-410d-4cf6-8ee3-9f3ef328285c",
      "refId": "CAT-414",
      "parentId": "g92b4h1e-3rc4-4444-318v-383135d296y6",
      "name": "Retail Department",
      "description": "This category represents the retail department.",
      "status": "ACTIVE",
      "effectiveStatus": "ACTIVE",
      "hasChildCategory": false,
      "dataOwners": [
        {
          "displayName": "cdmp_cat_owner_qal607",
          "id": "e9paNlaKR8MdFJnETEs2k4",
          "name": "John Doe",
          "email": "johndoe@informatica.com",
          "phone": "8758939746",
          "status": "ACTIVE",
          "userInfo": {},
          "isGroup": true
        }
      ]
    }
  ]
}
```

```

    ],
    "createdBy": "f400dUqjPuaiJ9KBrzOhiB",
    "createdOn": "2022-07-20T10:49:53.505Z",
    "modifiedBy": "f400dUqjPuaiJ9KBrzOhiB",
    "modifiedOn": "2022-07-20T10:49:53.505Z"
  }
}

```

The following table describes the parameters of each category that is retrieved:

Parameter	Description
offset	Start index for paginated results. Note: By default, offset is 0.
limit	Maximum number of results. Note: By default, limit is 50.
totalCount	Total count of records that match the applied filters.
id	The system generated unique identifier of the category.
refId	The reference identifier of the category.
parentId	The system generated unique identifier of the parent category.
name	Name of the category.
description	Description of the category.
status	Status of the category, as configured by the Category Owner.
effectiveStatus	The effective status of the category. This parameter can have one of the following values: - If the effective status is ACTIVE, the category is available to Data Owners. - If the effective status is INACTIVE, the category is not available to Data Owners.
hasChildCategory	You can use this parameter to determine whether a category has subcategories. This parameter can have one of the following values: - If the parameter value is true, the category contains subcategories. - If the parameter value is false, the category doesn't contain subcategories.
dataOwners	Details of the Category Owners of the category..
dataOwners > displayName	Name of the Category Owner.
dataOwners > id	The system generated unique identifier of the Category Owner user account.
dataOwners > name	Username of the Category Owner user account.
dataOwners > email	Email address of the Category Owner.
dataOwners > phone	Contact number of the Category Owner.

Parameter	Description
<code>dataOwners > status</code>	The status informs you of whether the user account of the Category Owner is active. - If the status is <code>ACTIVE</code>, the Category Owner user account is active. - If the status is <code>INACTIVE</code>, the Category Owner user account is not active.
<code>dataOwners > userInfo</code>	Details retrieved from the Category Owner's My Data page.
<code>dataOwners > isGroup</code>	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is <code>true</code>, the user account is part of a group - If the parameter value is <code>false</code>, the user account isn't part of a group
<code>createdBy</code>	The system generated identifier of the user account that created the category.
<code>createdOn</code>	The date when the category was created.
<code>modifiedBy</code>	The system generated identifier of the latest user account that modified the category.
<code>modifiedOn</code>	The latest date when the category was modified.

Modify categories

Use a REST API to modify categories in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/categories</code>
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the category that you want to modify.	For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17. To get the unique identifier of a category from the Data Marketplace interface, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/category/view?ac=67417f72-e5ab-44f0-add9-a1e412c1ce13&dtn=_AfterEBF%20may20</code>, the unique identifier is 67417f72-e5ab-44f0-add9-a1e412c1ce13.
name	Required. The name of the category.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a category as "Retail Department" while a category called "Retail department" already exists, the API call fails.

Parameter	Description	Additional Information
description	Required. The description of the category.	-
dataOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Category Owner of the category.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL / cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT, the unique identifier is 0LH3xBJC9A6haZ26htGZyT. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL / cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4, the unique identifier is 90uizkSWg0ycuu7hSNXSW4.

Example request

The following example shows how you can use an API to modify a category:

```
{
  "items": [
    {
      "id": "2fa40528-410d-4cf6-8ee3-9f3ef328285c",
      "name": "Retail Department",
      "description": "This category represents the retail department.",
      "dataOwners": [
        "e9paNlaKR8MdFJnETEs2k4"
      ]
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a category:

```
{
```

```

    "processingTime": 10105,
    "objects": [
      {
        "index": 1,
        "id": "2fa40528-410d-4cf6-8ee3-9f3ef328285c",
        "refId": "CAT-414",
        "name": "Retail Department"
      }
    ]
  }
}

```

The following table describes the parameters of each category that is modified:

Parameter	Description
index	The position of the category in the <code>objects</code> JSON array. This value does not impact how the category is used by a Data Marketplace user.
id	The system generated unique identifier of the category.
refId	The reference identifier of the category.
name	Name of the category.

Delete categories

Use a REST API to delete categories in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/categories/<id> <id>: Required. Enter the system generated unique identifier of the category that you want to delete. To get the unique identifier of a category, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/category/view?ac=67417f72-e5ab-44f0-add9-ale412c1ce13&dt=_AfterEBF%20may20</code>, the unique identifier is <code>67417f72-e5ab-44f0-add9-ale412c1ce13</code>. For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17.
Method	DELETE

Note: You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to delete a category:

```
https://{CDMP_URL}/api/v1/integration/categories/67417f72-e5ab-44f0-add9-a1e412c1ce13
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the category is deleted successfully:

```
204 OK code
```

Delivery formats

A delivery format object represents the format in which the data is delivered.

Create delivery formats

Use a REST API to create delivery formats in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/provisioning/deliveryFormats
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
refId	Optional. The reference identifier of the delivery format.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the delivery format that you want to create.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery format as "Excel" while a delivery format called "excel" already exists, the API call fails.
status	Required. Status of the delivery format.	Enter one of the following values: - To make the delivery format available to Delivery Owners, enter <code>ACTIVE</code>. - To make the delivery format unavailable to Delivery Owners, enter <code>INACTIVE</code>.

Example request

The following example shows how you can use an API to create a delivery format:

```
{
  "items": [
    {
      "refId": "FMT9",
      "name": "XLSX Workbook",
      "status": "ACTIVE"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a delivery format:

```
{
  "processingTime": 17626,
  "objects": [
    {
```

```

    "index": 1,
    "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
    "refId": "FMT9",
    "name": "XLSX_Workbook"
  }
]
}

```

The following table describes the parameters of each delivery format that is created:

Parameter	Description
index	The position of the delivery format in the <code>objects</code> JSON array. This value does not impact how the delivery format is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery format.
refId	The reference identifier of the delivery format.
name	Name of the delivery format.

Retrieve delivery formats

Use a REST API to retrieve the details of delivery formats in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliveryFormats</code>
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
ids	Optional. The system generated unique identifier of a delivery format.	To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
search	Optional. The search term that you want to use to find a delivery format.	Ensure that the search term that you enter don't contain an asterisk (*).

Parameter	Description	Additional Information
fields	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION
createdDateFrom	Optional. To find delivery format created between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
createdDateTo	Optional. To find delivery format created between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
modifiedDateFrom	Optional. To find delivery format modified between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
modifiedDateTo	Optional. To find delivery format modified between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.
status	Optional. Status of the delivery formats.	Enter one of the following values: - To find the delivery formats that are available to Delivery Owners, enter <code>ACTIVE</code>. - To find the delivery formats that are unavailable to Delivery Owners, enter <code>INACTIVE</code>.

Parameter	Description	Additional Information
sortByField	Optional. Sort the search result by various parameters.	To sort the search results, you can enter one of the following values: - NAME - STATUS - ID - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is MODIFIED_ON.
sort	Optional. Set the sorting order of the search results.	Enter one of the following values: - To sort the search results by ascending order, enter ASC. - To sort the search results by descending order, enter DESC. Default value is DESC.
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of delivery format:

```
https://{CDMP_URL}/api/v1/integration/provisioning/deliveryFormats
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of a delivery format:

```
{
  "processingTime": 0,
  "offset": 0,
  "limit": 0,
  "totalCount": 0,
  "objects": [
    {
      "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
      "refId": "FMT9",
      "name": "XLSX_Workbook",
      "status": "ACTIVE"
    }
  ]
}
```

The following table describes the parameters of each delivery format that is retrieved:

Parameter	Description
offset	Start index for paginated results. Note: By default, offset is 0.
limit	Maximum number of results. Note: By default, limit is 50
totalCount	Total count of records that match the applied filters.
id	The system generated unique identifier of the delivery format.
refId	The reference identifier of the delivery format.
name	Name of the delivery format.
status	Status of the delivery format. This parameter can have one of the following values: - If the delivery format status is <code>ACTIVE</code>, the delivery format is available to Delivery Owners. - If the delivery format status is <code>INACTIVE</code>, the delivery format is not available to Delivery Owners.

Modify delivery formats

Use a REST API to modify delivery formats in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliveryFormats</code>
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the delivery format that you want to modify.	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .
refId	Optional. The reference identifier of the delivery format.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the delivery format.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery format as "Excel" while a delivery format called "excel" already exists, the API call fails.
status	Required. Status of the delivery format.	Enter one of the following values: - To make the delivery format available to Delivery Owners, enter <code>ACTIVE</code>. - To make the delivery format unavailable to Delivery Owners, enter <code>INACTIVE</code>.

Example request

The following example shows how you can use an API to modify a delivery format:

```
{
  "items": [
    {
      "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
      "refId": "FMT9",
      "name": "XLSX Workbook",
      "status": "ACTIVE"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a delivery format:

```
{
  "processingTime": 16702,
  "objects": [
    {
      "index": 1,
      "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
      "refId": "FMT9",
      "name": "XLSX_Workbook"
    }
  ]
}
```

The following table describes the parameters of each delivery format that is modified:

Parameter	Description
index	The position of the delivery format in the <code>objects</code> JSON array. This value does not impact how the delivery format is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery format.
refId	The reference identifier of the delivery format.
name	Name of the delivery format.

Delivery methods

A delivery method represents the medium used to deliver the data to the Data User that ordered the collection.

Create delivery methods

Use a REST API to create delivery methods in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliveryMethods</code>
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	
refId	Optional. The reference identifier of the delivery method.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the delivery method that you want to create.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery method as "SFTP" while a delivery method called "sftp" already exists, the API call fails.
status	Required. Status of the delivery method.	Enter one of the following values: - To make the delivery methods available to Delivery Owners, enter <code>ACTIVE</code>. - To make the delivery methods unavailable to Delivery Owners, enter <code>INACTIVE</code>.

Example request

The following example shows how you can use an API to create a delivery method:

```
{
  "items": [
    {
      "refId": "DMTD71",
      "name": "Hypercore Protocol",
      "status": "INACTIVE"
    }
  ]
}
```

```
}
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a delivery method:

```
{
  "processingTime": 17626,
  "objects": [
    {
      "index": 1,
      "id": "770dfbc0-v5t6-4e24-ba47-4477bb9bf33e",
      "refId": "DMTD71",
      "name": "Hypercore Protocol"
    }
  ]
}
```

The following table describes the parameters of each delivery method that is created:

Parameter	Description
index	The position of the delivery method in the <code>objects</code> JSON array. This value does not impact how the delivery method is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery method.
refId	The reference identifier of the delivery method.
name	Name of the delivery method.

Retrieve delivery methods

Use a REST API to retrieve the details of delivery methods in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/provisioning/deliveryMethods
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
search	Optional. The search term that you want to use to find a delivery method.	Ensure that the search term that you enter don't contain an asterisk (*).
ids	Optional. The system generated unique identifier of the delivery method.	To enter more than one value, use the following format: ids=<value1>&ids=<value2>
status	Optional. Status of the delivery method.	Enter one of the following values: - To make the delivery method available to Delivery Owners, enter <code>ACTIVE</code>. - To make the delivery method unavailable to Delivery Owners, enter <code>INACTIVE</code>.
createdDateFrom	Optional. To find the delivery method created between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is converted automatically to the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you enter a value for the <code>createdDateTo</code> parameter.
createdDateTo	Optional. To find the delivery method created between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is converted automatically to the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you enter a value for the <code>createdDateFrom</code> parameter.
modifiedDateFrom	Optional. To find the delivery method modified between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is converted automatically to the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you enter a value for the <code>modifiedDateTo</code> parameter.

Parameter	Description	Additional Information
modifiedDateTo	Optional. To find the delivery method modified between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is converted automatically to the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you enter a value for the <code>modifiedDateFrom</code> parameter.
sortByField	Optional. Sort the search results by various parameters.	To sort the search results, you can enter one of the following values: - ID - NAME - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is <code>MODIFIED_ON</code> .
sort	Optional. Set the sorting order of the search results.	Enter one of the following values: - To sort the search results by ascending order, enter <code>ASC</code>. - To sort the search results by descending order, enter <code>DESC</code>. Default value is <code>DESC</code> .
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of delivery method:

```
https://{CDMP_URL}/api/v1/integration/provisioning/deliveryMethods?
search=SK&ids=909668e3-f91d-4cde-a7d5-
e3dca316ce97&status=ACTIVE&createdDateFrom=2022-01-12&createdDateTo=2022-12-12&modifiedDa
teFrom=2022-01-12&modifiedDateTo=2022-12-12&sortByField=NAME&sort=DESC&offset=0&limit=2
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of delivery method:

```
{
  "processingTime": 2988,
```

```

"offset": 0,
"limit": 2,
"totalCount": 1,
"objects": [
  {
    "id": "770dfbc0-v5t6-4e24-ba47-4477bb9bf33e",
    "refId": "DMTD71",
    "name": "Hypercore Protocol",
    "status": "ACTIVE",
    "createdBy": "9Wqbp1IRIqflN12yjs3qt",
    "createdOn": "2022-06-03T06:27:07.853Z",
    "modifiedBy": "9Wqbp1IRIqflN12yjs3qt",
    "modifiedOn": "2022-06-03T06:30:34.676Z"
  }
]
}

```

The following table describes the parameters of each delivery method that is retrieved:

Parameter	Description
Offset	Start index for paginated results. Note: By default, offset is 0.
limit	Maximum number of results. Note: By default, limit is 50
totalCount	Total count of records that match the applied filters.
id	The system generated unique identifier of the delivery method.
refId	The reference identifier of the delivery method.
name	Name of the delivery method.
status	Status of the delivery method. This parameter can have one of the following values: - If the status of the delivery method is ACTIVE, the delivery method is available to Delivery Owners. - If the status of the delivery method is INACTIVE, the delivery method isn't available to Delivery Owners.
CREATED_BY	The system generated unique identifier of the user account that created the delivery method.
CREATED_ON	The date when the delivery method was created.
MODIFIED_BY	The system generated unique identifier of the user account that last modified the delivery method.
MODIFIED_ON	The latest date when the delivery method was modified.

Modify delivery methods

Use a REST API to modify delivery methods in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliverymethods</code>
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
<code>id</code>	Required. The system generated unique identifier of the delivery method that you want to modify.	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36 .
<code>refId</code>	Optional. The reference identifier of the delivery method.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.

Parameter	Description	Additional Information
name	Required. Name of the delivery method.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery method as "SFTP" while a delivery method called "sftp" already exists, the API call fails.
status	Required. Status of the delivery method.	Enter one of the following values: - To make the delivery method available to Delivery Owners, enter <code>ACTIVE</code>. - To make the delivery method unavailable to Delivery Owners, enter <code>INACTIVE</code>.

Example request

The following example shows how you can use an API to modify a delivery method:

```
{
  "items": [
    {
      "id": "770dfbc0-v5t6-4e24-ba47-4477bb9bf33e",
      "refId": "DMTD71",
      "name": "Hypercore Protocol",
      "status": "INACTIVE"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a delivery method:

```
{
  "processingTime": 16702,
  "objects": [
    {
      "index": 1,
      "id": "770dfbc0-v5t6-4e24-ba47-4477bb9bf33e",
      "refId": "DMTD71",
      "name": "Hypercore Protocol"
    }
  ]
}
```

The following table describes the parameters of each delivery method that is modified:

Parameter	Description
index	The position of the delivery method in the <code>objects</code> JSON array. This value does not impact how the delivery method is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery method.

Parameter	Description
refId	The reference identifier of the delivery method.
name	Name of the delivery method.

Delivery templates

A delivery template contains the delivery format, the delivery method, and the location where the data is delivered to the Data User.

Create delivery templates

Use a REST API to create delivery templates in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/provisioning/deliveryTemplates
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
refId	Optional. The reference identifier of the delivery template.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the delivery template that you want to create.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery template as "Excel over ipfs" while a delivery template called "Excel over IPFS" already exists, the API call fails.
description	Required. Description of the delivery template that you want to create.	-
color	Optional. The color indicator for the delivery template. Assigning a unique color indicator allows Data Marketplace users to identify a delivery template easily.	Enter the hexadecimal value that represents the color that you want to use.
status	Required. Status of the delivery template.	Enter one of the following values: - To make the delivery template available to Data Owners, enter <code>ACTIVE</code>. - To make the delivery template unavailable to Data Owners, enter <code>INACTIVE</code>.

Parameter	Description	Additional Information
managedAccess	Optional. This parameter determines whether the data is customized and is made available in a data location that is unique to each order fulfilled using a target that uses this template.	Enter one of the following values: - If you set the parameter value to <code>ENABLED</code>, a unique data location is created for each order that is fulfilled using a target that is based on this template. Furthermore, an access management application such as Data Access Management might customize the data that it delivers based on the characteristics of the data, the Data User and the usage context that they specified in the order. - If you set the parameter value to <code>DISABLED</code>, the same data is made available in a data location that is common to all Data Users. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help. For more information about how the data is customized, see the <i>Data Access Management</i> help.
deliveryType	Optional. The type of delivery.	Enter one of the following values: - If the delivery type is set to <code>AUTOMATIC</code>, the order approval and fulfillment is automated. - If the delivery type is set to <code>MANUAL</code>, the Data Owner must approve the order manually and the Technical Owner must fulfill the order manually.
templateOwners	Optional. The system generated unique identifier of the user account to which you want to assign the Delivery Owner role. The Delivery Owner is responsible for the delivery template that you create.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>.
targetSystemReference	Required. Target system or resource reference from where the data is obtained.	-

Parameter	Description	Additional Information
defaultPhysicalLocation	Required. URL of the default delivery location.	If you set the <code>managedAccess</code> parameter value to <code>ENABLED</code>, ensure that you use the following structure to specify the data location: <pre>hostname:port</pre> In the preceding location structure, you can configure the following properties: - <code>hostname</code>. Enter the hostname of the data plane in Data Access Management. - <code>port</code>. Enter the port number of the data plane in Data Access Management.
deliveryMethodIds	Required. The system generated unique identifier of the delivery method.	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36 .
deliveryFormatIds	Required. The system generated unique identifier of the delivery format.	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .

Example request

The following example shows how you can use an API to create a delivery template:

```
{
  "items": [
    {
      "refId": "Template719",
      "name": "XLSX via Hypercore",
      "description": "Template to deliver an XLSX file via Hypercore.",
      "color": "#10Be21",
      "status": "ACTIVE",
      "managedAccess": "DISABLED",
      "deliveryType": "AUTOMATIC",
      "templateOwners": [
        "26sEOH2bGStfMSZt1K2UC0"
      ],
      "targetSystemReference": "hyper://{public_key}{version}",
      "defaultPhysicalLocation": "Hypercore",
      "deliveryMethodIds": [
        "fd24d20f-b97d-435f-b703-dc03c3e0280a"
      ],
      "deliveryFormatIds": [
        "b86a8588-3ec2-4eab-9504-8ff98a41187f"
      ]
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a delivery template:

```
{
  "processingTime": 16702,
  "objects": [
    {
      "index": 1,
      "id": "72ab9726-359d-4c07-987e-febdcfb86906",
      "refId": "Template719",
      "name": "XLSX via Hypercore"
    }
  ]
}
```

The following table describes the parameters of each delivery template that is created:

Parameter	Description
index	The position of the delivery template in the <code>objects</code> JSON array. This value does not impact how the delivery template is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery template.
refId	The reference identifier of the delivery template.
name	Name of the delivery template.

Retrieve delivery templates

Use a REST API to retrieve the details of delivery templates in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliveryTemplates</code>
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
search	Optional. Enter a search term to find the delivery template.	Ensure that the search term that you enter don't contain an asterisk (*).
fields	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION
ids	Optional. The system generated unique identifier of a delivery template.	To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
status	Optional. Status of the delivery template.	Enter one of the following values: - To find the delivery template available to Data Owners, enter <code>ACTIVE</code>. - To find the delivery template unavailable to Data Owners, enter <code>INACTIVE</code>.
deliveryType	Optional. The type of delivery.	Enter one of the following values: - To find a delivery template of automatic type, enter <code>AUTOMATIC</code>. For orders where the delivery option is of automatic type, the approval and fulfillment is automated. - To find a delivery template of manual type, enter <code>MANUAL</code>. For orders where the delivery option is of manual type, the Data Owner must approve the order manually and the Technical Owner must fulfill the order manually.
isDefault	Optional. Find all default delivery templates.	Enter one of the following values: - To find a delivery template that is configured as the default delivery option, enter <code>true</code>. - To find a delivery template that isn't configured as the default delivery option, enter <code>false</code>.
deliveryMethodIds	Optional. Enter the system generated unique identifier of the delivery method that is part of the delivery template.	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36 .
deliveryFormatIds	Optional. Enter the system generated unique identifier of the delivery format that is part of the delivery template.	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .

Parameter	Description	Additional Information
templateOwnerUserIds	Optional. Enter the system generated unique identifier of the Delivery Owner that manages the delivery template.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>.
createdDateFrom	Optional. To find delivery templates created between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
createdDateTo	Optional. To find delivery templates created between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
modifiedDateFrom	Optional. To find delivery templates modified between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
modifiedDateTo	Optional. To find delivery templates modified between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.

Parameter	Description	Additional Information
sortByField	Optional. Sort the search result by various parameters.	To sort the search results, you can enter one of the following values: - ID - NAME - TARGET_SYSTEM_REFERENCE - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is MODIFIED_ON.
sort	Optional. Set the sorting order of the search results.	Enter one of the following values: - To sort the search results by ascending order, enter ASC. - To sort the search results by descending order, enter DESC. Default value is DESC.
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of delivery template:

```
https://{{CDMP_URL}}/api/v1/integration/provisioning/deliveryTemplates?status=ACTIVE
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of delivery template:

```
{
  "processingTime":959,
  "offset":0,
  "limit":50,
  "totalCount":153,
  "objects"[
    {
      "id":"72ab9726-359d-4c07-987e-febdcfb86906",
      "refId": "Template719",
      "name":"XLSX via Hypercore",
      "description":"Template to deliver an XLSX file via Hypercore.",
      "color": "#10Be21",
      "isDefault":false,
      "status":"ACTIVE",
      "managedAccess": "DISABLED",
      "deliveryType": "MANUAL",
      "templateOwners":[],
      "targetSystemReference":"S3",
    }
  ]
}
```

```

"defaultPhysicalLocation": "file",
"deliveryMethods": [
  {
    "id": "3c308736-5d9d-4a35-92a6-86dc213f4c5a",
    "refId": "DMTD72",
    "name": "Hypercore Protocol",
    "status": "ACTIVE",
    "createdBy": "f400dUqjPuaiJ9KBrzOhIB",
    "createdOn": "2022-07-21T18:20:27.529Z",
    "modifiedBy": "f400dUqjPuaiJ9KBrzOhIB",
    "modifiedOn": "2022-07-21T18:20:27.529Z"
  }
],
"deliveryFormats": [
  {
    "id": "8738df74-1413-4123-b370-b637249b5bfc",
    "refId": "FMT8",
    "name": "XLSX Workbook",
    "status": "ACTIVE",
    "createdBy": "f400dUqjPuaiJ9KBrzOhIB",
    "createdOn": "2022-07-21T18:20:24.395Z",
    "modifiedBy": "f400dUqjPuaiJ9KBrzOhIB",
    "modifiedOn": "2022-07-21T18:20:24.395Z"
  }
],
"createdBy": "f400dUqjPuaiJ9KBrzOhIB",
"createdOn": "2022-07-21T18:20:30.491Z",
"modifiedBy": "f400dUqjPuaiJ9KBrzOhIB",
"modifiedOn": "2022-07-21T18:20:30.491Z"
}

```

The following table describes the parameters of each delivery template that is retrieved:

Parameter	Description
offset	Start index for paginated results. Note: By default, offset is 0.
limit	Maximum number of results. Note: By default, limit is 50.
totalCount	Total count of records that match the applied filters.
id	The system generated unique identifier of the delivery template.
refId	The reference identifier of the delivery template.
name	Name of the delivery template.
description	Description of the delivery template.
color	The color indicator for the delivery template.
isDefault	This parameter indicates whether or not the delivery template is set as the default delivery option for your Data Marketplace instance. The parameter can have one of the following values: - If the parameter value is <code>true</code>, the delivery target is the default delivery option for a data collection. - If the parameter value is <code>false</code>, the delivery target isn't the default delivery option for a data collection.

Parameter	Description
status	Status of the delivery template. This parameter can have one of the following values: - If the delivery template status is <code>ACTIVE</code>, the delivery template is available to Data Owners. - If the delivery template status is <code>INACTIVE</code>, the delivery template is not available to Data Owners.
managedAccess	This parameter determines whether a unique data location is created for each order that is fulfilled using a target that is based on this template. This parameter can have one of the following values: - If the parameter value is <code>ENABLED</code>, a unique data location is created for each order that is fulfilled using a target that is based on this template. Furthermore, an access management application such as Data Access Management might customize the delivered data based on the characteristics of the data, the Data User and the usage context that they specified in the order. - If the parameter value is <code>DISABLED</code>, the same data is made available in a data location that is common to all Data Users. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.
deliveryType	The type of delivery. - If the delivery type is <code>AUTOMATIC</code>, the order approval and fulfillment is automated. - If the delivery type is <code>MANUAL</code>, the Data Owner must approve the order manually and the Technical Owner must fulfill the order manually.
templateowners	Details of the Delivery Owner that is responsible for the delivery template.
targetSystemReference	Target system or resource reference from where the data is obtained.
defaultPhysicalLocation	The default delivery location.
deliveryMethods > id	The system generated unique identifier of the delivery method of the delivery template.
deliveryMethods > refId	The reference identifier of the delivery method.
deliveryMethods > name	Name of the delivery method.
deliveryMethods > status	The status of the delivery method. - If the status is <code>ACTIVE</code>, the delivery method is available to Delivery Owners. - If the status is <code>INACTIVE</code>, the delivery method is not available to Delivery Owners.
deliveryMethods > createdBy	The system generated unique identifier of the user account that created the delivery method.
deliveryMethods > createdOn	The date when the delivery method was created.
deliveryMethods > modifiedBy	The system generated unique identifier of the latest user account that modified the delivery method.
deliveryMethods > modifiedOn	Latest date when the delivery method was modified.

Parameter	Description
deliveryFormats > id	The system generated unique identifier of the delivery format of the delivery template.
deliveryFormats > refId	The reference identifier of the delivery format.
deliveryFormats > name	Name of the delivery format.
deliveryFormats > status	The status of the delivery format. - If the status is ACTIVE , the delivery format is available to Delivery Owners. - If the status is INACTIVE , the delivery format is not available to Delivery Owners.
deliveryFormats > createdBy	The system generated unique identifier of the user account that created the delivery format.
deliveryFormats > createdOn	The date when the delivery format was created.
deliveryFormats > modifiedBy	The system generated unique identifier of the latest user account that modified the delivery format.
deliveryFormats > modifiedOn	Latest date when the delivery format was modified.
createdBy	The system generated unique identifier of the user account that created the delivery template.
createdOn	The date when the delivery template was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the delivery template.
modifiedOn	The latest date when the delivery template was modified.

Modify delivery templates

Use a REST API to modify delivery templates in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/provisioning/deliveryTemplates
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of a delivery template.	For more information about how you can use an API to get the unique identifier of a delivery template, see "Retrieve delivery templates" on page 46 .
refId	Optional. The reference identifier of the delivery template.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the delivery template that you want to create.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery template as "Excel over ipfs" while a delivery template called "Excel over IPFS" already exists, the API call fails.
description	Required. Description of the delivery template that you want to create.	-

Parameter	Description	Additional Information
color	Optional. The color indicator for the delivery template. Assigning a unique color indicator allows Data Marketplace users to identify a delivery template easily.	Enter the hexadecimal value that represents the color that you want to use.
status	Required. Status of the delivery template.	Enter one of the following values: - To make the delivery template available to Data Owners, enter <code>ACTIVE</code>. - To make the delivery template unavailable to Data Owners, enter <code>INACTIVE</code>.
managedAccess	Optional. This parameter determines whether the data is customized and is made available in a data location that is unique to each order fulfilled using a target that uses this template.	Enter one of the following values: - If you set the parameter value to <code>ENABLED</code>, a unique data location is created for each order that is fulfilled using a target that is based on this template. Furthermore, an access management application such as Data Access Management might customize the delivered data based on the characteristics of the data, the Data User and the usage context that they specified in the order. - If you set the parameter value to <code>DISABLED</code>, the same data is made available in a data location that is common to all Data Users. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help. For more information about how the data is customized, see the <i>Data Access Management</i> help.
deliveryType	Optional. The type of delivery.	Enter one of the following values: - If the delivery type is set to <code>AUTOMATIC</code>, the order approval and fulfillment is automated. - If the delivery type is set to <code>MANUAL</code>, the Data Owner must approve the order manually and the Technical Owner must fulfill the order manually.

Parameter	Description	Additional Information
templateOwners	Optional. The details of the Delivery Owner that is responsible for the delivery template.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users . On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code> , the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code> .
targetSystemReference	Required. Target system or resource reference from where the data is obtained.	-
defaultPhysicalLocation	Required. URL of the default delivery location.	If you set the <code>managedAccess</code> parameter value to <code>ENABLED</code> , ensure that you use the following structure to specify the data location: <code>hostname:port</code> In the location structure, you can configure the following properties: - <code>hostname</code>. Enter the hostname of the data plane in Data Access Management. - <code>port</code>. Enter the port number of the data plane in Data Access Management.
deliveryMethodIds	Required. The system generated unique identifier of the delivery method.	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36 .
deliveryFormatIds	Required. The system generated unique identifier of the delivery format.	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .

Example request

The following example shows how you can use an API to modify a delivery template:

```
{
  "items": [
    {
      "id": "72ab9726-359d-4c07-987e-febdcfb86906",
      "refId": "Template719",
      "name": "XLSX via Hypercore",
      "description": "Template to deliver an XLSX file via Hypercore.",
      "color": "#10Be21",
      "status": "INACTIVE",
      "managedAccess": "DISABLED",
      "deliveryType": "MANUAL",
      "templateOwners": [
        "26sEOH2bGStfMSzt1K2UC0"
      ]
    }
  ]
}
```

```

    ],
    "targetSystemReference": "hyper://{public_key}{version}",
    "defaultPhysicalLocation": "Hypercore",
    "deliveryMethodIds": [
      "fd24d20f-b97d-435f-b703-dc03c3e0280a"
    ],
    "deliveryFormatIds": [
      "b86a8588-3ec2-4eab-9504-8ff98a41187f"
    ]
  }
]
}

```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a delivery template:

```

{
  "processingTime": 16702,
  "objects": [
    {
      "index": 1,
      "id": "72ab9726-359d-4c07-987e-febdcfb86906",
      "refId": "Template719",
      "name": "XLSX via Hypercore"
    }
  ]
}

```

The following table describes the parameters of each delivery template that is modified:

Parameter	Description
index	The position of the delivery template in the <code>objects</code> JSON array. This value does not impact how the delivery template is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery template.
refId	The reference identifier of the delivery template.
name	Name of the delivery template.

Delivery targets

A delivery target is delivery option that a Technical Owner can use to deliver data to a Data User. Data Owners use delivery templates to create new delivery targets for their data collections.

Create delivery targets

Use a REST API to create delivery targets in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliveryTargets</code>
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
<code>refId</code>	Optional. The reference identifier of the delivery target.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
<code>name</code>	Required. Name of the delivery target that you want to create.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery target as "Excel over ipfs" while a delivery target called "Excel over IPFS" already exists, the API call fails.
<code>description</code>	Required. Description of the delivery target.	-

Parameter	Description	Additional Information
status	Required. Status of the delivery target.	Enter one of the following values: - To make the delivery targets available to Data Owners, enter <code>ACTIVE</code>. - To make the delivery targets unavailable to Data Owners, enter <code>INACTIVE</code>.
targetSystemReference	Optional. Target system or resource reference from where the data is obtained.	-
physicalLocation	Optional. URL of the delivery location.	If the Managed Access option is enabled for the deliver template that you specified in the <code>deliveryTemplateId</code> parameter, the data won't be delivered to the location that you specify in the <code>physicalLocation</code> parameter. Instead, the data will be delivered to a location that is generated at the time of order fulfillment. The generated location is unique to each order that is fulfilled using this target. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.
deliveryTemplateId	Required. The system generated unique identifier of the delivery template that you want to use to create the delivery target.	For more information about how you can use an API to get the unique identifier of a delivery template, see "Retrieve delivery templates" on page 46 .
deliveryMethodId	Required. The system generated unique identifier of the delivery method that constitutes the delivery target.	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36 .

Parameter	Description	Additional Information
deliveryFormatId	Required. The system generated unique identifier of the delivery format that constitutes the delivery target.	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .
dataCollectionId	Required. The system generated unique identifier of the data collection that is delivered to the delivery target.	To get the unique identifier of a data collection, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code>, the unique identifier is 25158afc-3dfb-44ef-8f3e-cec1e171d0f1. For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127. Note: If the Managed Access option is enabled for the deliver template that you specified in the <code>deliveryTemplateId</code> parameter, ensure that the data collection that you specify in the <code>dataCollectionId</code> parameter is comprised only of data assets that belong to the same data source. For more information about how you can add data assets to a data collection, see "Add or remove data assets from data collections" on page 142.

Example request

The following example shows how you can use an API to create a delivery target:

```
{
  "items": [
    {
      "refId": "Target561",
      "name": "Customer DB",
      "description": "Customer DB Delivery",
      "status": "ACTIVE",
      "targetSystemReference": "AXON",
      "physicalLocation": "Oracle db",
      "deliveryTemplateId": "94df4d34-22f3-3f3e-9409-2b0354c87365",
      "deliveryMethodId": "c35181e7-7832-3b5c-b0d3-fc2360a82f05",
      "deliveryFormatId": "fe4e89ab-80e9-3e0d-8aba-71b79deab4b8",
      "dataCollectionId": "d2aef733-4886-38df-8eb3-6db8be9d0fb9"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a delivery target:

```
{
  "processingTime": 4769,
  "objects": [
```

```

    {
      "index": 1,
      "id": "13c937c3-e6d8-3006-a530-f3cd6ecf2a8f",
      "refId": "Target561",
      "name": "Customer DB"
    }
  ]
}

```

The following table describes the parameters of each delivery target that is created:

Parameter	Description
index	The position of the delivery target in the <code>objects</code> JSON array. This value does not impact how the delivery target is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery target.
refId	Reference identifier of the delivery target.
name	Name of the delivery target.

Retrieve delivery targets

Use a REST API to retrieve the details of a delivery target in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliveryTargets</code>
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
search	Optional. The search term that you want to use to find a delivery target.	Ensure that the search term that you enter don't contain an asterisk (*).
fields	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION

Parameter	Description	Additional Information
ids	Optional. The system generated unique identifier of a delivery target.	To enter more than one value, use the following format: ids=<value1>&ids=<value2>
dataCollectionIds	Optional. The system generated unique identifier of a data collection.	To get the unique identifier of a data collection, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code> , the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code> . For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 .
deliveryTemplateIds	Optional. The system generated unique identifier of a delivery template.	For more information about how you can use an API to get the unique identifier of a delivery template, see "Retrieve delivery templates" on page 46 .
status	Optional. The status informs you of whether or not the delivery target is available to Data Owners.	Enter one of the following values: - To find the delivery targets that are available to Data Owners, enter <code>ACTIVE</code> . - To find the delivery targets that aren't available to Data Owners, enter <code>INACTIVE</code> .
isDefault	Optional. This parameter informs of you whether a delivery target is set as the default delivery target for a data collection.	Enter one of the following values: - To find a delivery target that is configured as the default delivery option for a data collection, enter <code>true</code> . - To find a delivery target that isn't configured as the default delivery option for a data collection, enter <code>false</code> .
deliveryMethodIds	Optional. The system generated unique identifier of a delivery method.	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36 .
deliveryFormatIds	Optional. The system generated unique identifier of a delivery format.	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .

Parameter	Description	Additional Information
<code>createdDateFrom</code>	Optional. To find delivery targets that were created between a date range, enter the initial date when the delivery targets were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
<code>createdDateTo</code>	Optional. To find delivery targets that were created between a date range, enter the latest date when the delivery targets were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
<code>modifiedDateFrom</code>	Optional. To find delivery targets that were modified between a date range, enter the initial date when the delivery targets were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
<code>modifiedDateTo</code>	Optional. To find delivery targets that were modified between a date range, enter the latest date when the delivery targets were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.
<code>sortByField</code>	Optional. Sort by various parameters.	To sort the search results, you can enter one of the following values: - ID - NAME - TARGET_SYSTEM_REFERENCE - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is <code>MODIFIED_ON</code> .

Parameter	Description	Additional Information
sort	Optional. Set the sorting order of the search results.	Enter one of the following values: - To sort the search results by ascending order, enter <code>ASC</code>. - To sort the search results by descending order, enter <code>DESC</code>. Default value is <code>DESC</code> .
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of a delivery target:

```
https://{CDMP_URL}/api/v1/integration/provisioning/deliveryTargets?
search=AWS&status=ACTIVE&sortByField=MODIFIED_BY&sort=ASC
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of a delivery target:

```
{
  "processingTime": 4190,
  "offset": 0,
  "limit": 50,
  "totalCount": 1,
  "objects": [
    {
      "id": "16e32a13-6fba-4f1a-a337-e0aeecf9fab4",
      "refId": "Target345",
      "name": "AWS-1",
      "description": "Data to be made available in a CSV file hosted on AWS, this is to
be sent via FTP.",
      "isDefault": true,
      "status": "ACTIVE",
      "physicalLocation": "AWS",
      "targetSystemReference": "Axon",
      "deliveryTemplate": {
        "id": "7f280b8a-35fb-4325-ada0-2bf5654b4891",
        "refId": "Template345",
        "name": "AWS",
        "description": "Send an excel file via FTP",
        "isDefault": true,
        "status": "ACTIVE",
        "managedAccess": "DISABLED",
        "deliveryType": "MANUAL",
        "templateOwners": [
          {
            "displayName": "John Doe",
            "id": "9f280b8a-35fb-4325-ada0-2bf5654b4892",
            "name": "username1",
            "email": "abc@xyz.com",
            "phone": "2020202023",
```

```

        "status": "ACTIVE",
        "userInfo": {
            "initials": "string",
            "avatarColor": "string",
            "description": "string",
            "title": "string",
            "timeZoneId": "string"
        }
    },
    "targetSystemReference": "Axon",
    "defaultPhysicalLocation": "AWS",
    "deliveryMethods": [
        {
            "id": "5wd2a13-9fha-4f1a-b317-e0vvtcf9efe4",
            "refId": "Method345",
            "name": "FTP",
            "status": "ACTIVE",
            "createdBy": "User2",
            "createdOn": "2022-04-20T10:50:39.251Z",
            "modifiedBy": "User1",
            "modifiedOn": "2022-04-20T10:50:39.251Z"
        }
    ],
    "deliveryFormats": [
        {
            "id": "3h32a13-9cdf-4f1a-b317-e0ttecf9def4",
            "refId": "Format345",
            "name": "XSLX",
            "status": "ACTIVE",
            "createdBy": "User2",
            "createdOn": "2022-04-20T10:50:39.251Z",
            "modifiedBy": "User1",
            "modifiedOn": "2022-04-20T10:50:39.251Z"
        }
    ],
    "createdBy": "User2",
    "createdOn": "2022-04-20T10:50:39.251Z",
    "modifiedBy": "User1",
    "modifiedOn": "2022-04-20T10:50:39.251Z"
},
"deliveryMethod": {
    "id": "5wd2a13-9fha-4f1a-b317-e0vvtcf9efe4",
    "refId": "Method345",
    "name": "FTP",
    "status": "ACTIVE",
    "createdBy": "User2",
    "createdOn": "2022-04-20T10:50:39.251Z",
    "modifiedBy": "User1",
    "modifiedOn": "2022-04-20T10:50:39.251Z"
},
"deliveryFormat": {
    "id": "3h32a13-9cdf-4f1a-b317-e0ttecf9def4",
    "refId": "Format345",
    "name": "XSLX",
    "status": "ACTIVE",
    "createdBy": "User2",
    "createdOn": "2022-04-20T10:50:39.251Z",
    "modifiedBy": "User1",
    "modifiedOn": "2022-04-20T10:50:39.251Z"
},
"createdBy": "User2",
"createdOn": "2022-04-20T10:50:39.251Z",
"modifiedBy": "User1",
"modifiedOn": "2022-04-20T10:50:39.251Z"
}
]
}

```

The following table describes the parameters of each delivery target that is retrieved:

Parameter	Description
processingTime	The time taken (in milliseconds) to complete the API call.
offset	The starting index for the paginated results. Default value is 0.
limit	The maximum number of results. Default value is 50.
totalCount	Total count of records that match the filters applied.
objects	This parameter contains the delivery target details.
objects > id	The system generated unique identifier of the delivery target.
objects > refId	The reference identifier of the delivery target.
objects > name	Name of the delivery target.
objects > description	Description of the delivery target.
objects > isDefault	This parameter displays whether the delivery target is the default delivery option for a data collection. The parameter can have one of the following values: - If the parameter value is <code>true</code>, the delivery target is the default delivery option for a data collection. - If the parameter value is <code>false</code>, the delivery target isn't the default delivery option for a data collection.
objects > status	The status of the delivery target. - If the status is <code>ACTIVE</code>, the delivery target is available to Data Owners. - If the status is <code>INACTIVE</code>, the delivery target is not available to Data Owners.
objects > physicalLocation	The location where the data is delivered. Note: If the value of the <code>managedAccess</code> parameter is <code>ENABLED</code> , the data won't be delivered to the location that is specified in the <code>physicalLocation</code> parameter. Instead, the data will be delivered to a location that is generated at the time of order fulfillment. The generated location is unique to each order that is fulfilled using this target. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.
objects > targetSystemReference	The system where the data is delivered.
objects > deliveryTemplate > id	The system generated unique identifier of the delivery template that was used to create the delivery target.
objects > deliveryTemplate > refId	The reference identifier of the delivery template.

Parameter	Description
objects > deliveryTemplate > name	Name of the delivery template.
objects > deliveryTemplate > description	Description of the delivery template.
objects > deliveryTemplate > isDefault	This parameter indicates whether or not the delivery template is set as the default delivery option for your Data Marketplace instance. The parameter can have one of the following values: - If the parameter value is <code>true</code>, the delivery target is the default delivery option for a data collection. - If the parameter value is <code>false</code>, the delivery target isn't the default delivery option for a data collection.
objects > deliveryTemplate > status	Status of the delivery template. This parameter can have one of the following values: - If the delivery template status is <code>ACTIVE</code>, the delivery template is available to Data Owners. - If the delivery template status is <code>INACTIVE</code>, the delivery template is not available to Data Owners.
objects > deliveryTemplate > managedAccess	This parameter determines whether a unique data location is created for each order that is fulfilled using a target that is based on this template. This parameter can have one of the following values: - If the parameter value is <code>ENABLED</code>, a unique data location is created for each order that is fulfilled using a target that is based on this template. Furthermore, an access management application such as Data Access Management might customize the delivered data based on the characteristics of the data, the Data User and the usage context that they specified in the order. - If the parameter value is <code>DISABLED</code>, the same data is made available in a data location that is common to all Data Users. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.
objects > deliveryTemplate > deliveryType	The type of delivery. - If the delivery type is <code>AUTOMATIC</code>, the order approval and fulfillment is automated. - If the delivery type is <code>MANUAL</code>, the Data Owner must approve the order manually and the Technical Owner must fulfill the order manually.
objects > deliveryTemplate > templateOwners	Details of the Delivery Owner that is responsible for the delivery template.
objects > deliveryTemplate > targetSystemReference	Target system or resource reference from where the data is obtained.
objects > deliveryTemplate > defaultPhysicalLocation	The default delivery location.
objects > deliveryTemplate > deliveryMethods	Details of the delivery method of the delivery template.
objects > deliveryTemplate > deliveryFormats	Details of the delivery format of the delivery template.

Parameter	Description
objects > deliveryTemplate > createdBy	The system generated unique identifier of the user account that created the delivery template.
objects > deliveryTemplate > createdOn	The date when the delivery template was created.
objects > deliveryTemplate > modifiedBy	The system generated unique identifier of the latest user account that modified the delivery template.
objects > deliveryTemplate > modifiedOn	Latest date when the delivery template was modified.
objects > deliveryMethod > id	The system generated unique identifier of the delivery method.
objects > deliveryMethod > refId	The reference identifier of the delivery method.
objects > deliveryMethod > name	Name of the delivery method.
objects > deliveryMethod > status	The status of the delivery method. - If the status is ACTIVE, the delivery method is available to Delivery Owners. - If the status is INACTIVE, the delivery method is not available to Delivery Owners.
objects > deliveryMethod > createdBy	The system generated unique identifier of the user account that created the delivery method.
objects > deliveryMethod > createdOn	The date when the delivery method was created.
objects > deliveryMethod > modifiedBy	The system generated unique identifier of the latest user account that modified the delivery method.
objects > deliveryMethod > modifiedOn	Latest date when the delivery method was modified.
objects > deliveryFormat > id	The system generated unique identifier of the delivery format.
objects > deliveryFormat > refId	The reference identifier of the delivery format.
objects > deliveryFormat > name	Name of the delivery format.
objects > deliveryFormat > status	The status of the delivery format. - If the status is ACTIVE, the delivery format is available to Delivery Owners. - If the status is INACTIVE, the delivery format is not available to Delivery Owners.
objects > deliveryFormat > createdBy	The system generated unique identifier of the user account that created the delivery format.
objects > deliveryFormat > createdOn	The date when the delivery format was created.

Parameter	Description
<code>objects > deliveryFormat > modifiedBy</code>	The system generated unique identifier of the latest user account that modified the delivery format.
<code>objects > deliveryFormat > modifiedOn</code>	Latest date when the delivery format was modified.
<code>objects > createdBy</code>	The system generated unique identifier of the user account that created the delivery target.
<code>objects > createdOn</code>	The date when the delivery target was created.
<code>objects > modifiedBy</code>	The system generated unique identifier of the latest user account that modified the delivery target.
<code>objects > modifiedOn</code>	Latest date when the delivery target was modified.

Modify delivery targets

Use a REST API to modify delivery targets in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/provisioning/deliveryTargets</code>
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the delivery target that you want to modify.	For more information about how you can use an API to get the unique identifier of a delivery target, see "Retrieve delivery targets" on page 60 .
refId	Optional. The reference identifier of the delivery target.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the delivery target that you want to modify.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a delivery target as "Excel over ipfs" while a delivery target called "Excel over IPFS" already exists, the API call fails.
description	Required. Enter a new value if you want to modify the description of the delivery target.	-
status	Required Status of the delivery target.	Enter one of the following values: - To make the delivery targets available to Data Owners, enter <code>ACTIVE</code>. - To make the delivery targets unavailable to Data Owners, enter <code>INACTIVE</code>.
targetSystemReference	Optional. Target system or resource reference from where the data is obtained..	-
physicalLocation	Optional. The location where the data is delivered to a Data User in response to an order that the user placed.	-

Parameter	Description	Additional Information
deliveryMethodId	Required. The system generated unique identifier of the delivery method.	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36 .
deliveryFormatId	Required. The system generated unique identifier of the delivery format.	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .

Example request

The following example shows how you can use an API to modify a delivery target:

```
{
  "items": [
    {
      "id": "13c937c3-e6d8-3006-a530-f3cd6ecf2a8f",
      "refId": "Target561",
      "name": "Customer DB",
      "description": "Customer DB Delivery updated",
      "status": "ACTIVE",
      "targetSystemReference": "AXON",
      "physicalLocation": "Oracle db ",
      "deliveryMethodId": "c35181e7-7832-3b5c-b0d3-fc2360a82f05",
      "deliveryFormatId": "fe4e89ab-80e9-3e0d-8aba-71b79deab4b8"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a delivery target:

```
{
  "processingTime": 4483,
  "objects": [
    {
      "index": 1,
      "id": "13c937c3-e6d8-3006-a530-f3cd6ecf2a8f",
      "refId": "Target561",
      "name": "Customer DB"
    }
  ]
}
```

The following table describes the parameters of each delivery target that is modified:

Parameter	Description
index	The position of the delivery target in the <code>objects</code> JSON array. This value does not impact how the delivery target is used by a Data Marketplace user.
id	The system generated unique identifier of the delivery target.

Parameter	Description
refId	Reference identifier of the delivery target.
name	Name of the delivery target.

Terms of use

The terms of use provide usage requirements and guidelines that a Data User must accept to use the data.

Create terms of use

Use REST APIs to create terms of use in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/termsOfUse
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
refId	Optional. The reference identifier of the terms of use.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the terms of use.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name the terms of use as "Internal Use Only" while a terms of use called "Internal use only" already exists, the API call fails.
description	Required. Description of the terms of use.	-
type	Required. The type of the terms of use.	Enter one of the following values: - <code>ACCESSIBLE</code> - <code>CONTROLLED</code> - <code>RESTRICTED</code>
status	Required. The status of the terms of use.	Enter one of the following values: - To make the terms of use available to Data Owners, enter <code>ENABLED</code> . - To make the terms of use unavailable to Data Owners, enter <code>DISABLED</code> .
acknowledgement	Required. This parameter determines whether the Data User is required to acknowledge the terms of use when placing an order.	Enter one of the following values: - If you want the Data User to acknowledge the terms of use when they place an order, enter <code>true</code> . - If you don't want the Data User to acknowledge the terms of use when they place an order, enter <code>false</code> .
referenceLink	Optional. The URL of the resource or location where the data is stored or maintained.	-

Example request

The following example shows how you can use an API to create terms of use:

```
{
  "items": [
```

```

    {
      "refId": "Term23",
      "name": "Company use only",
      "description": "This data should not be accessed by non-company personnel.",
      "status": "ENABLED",
      "type": "CONTROLLED",
      "acknowledgement": true,
      "referenceLink": "sample link"
    },
    {
      "refId": "Term22",
      "name": "Client confidential",
      "description": "Use this for data to be shared with authorized third parties.",
      "status": "DISABLED",
      "type": "CONTROLLED",
      "acknowledgement": false,
      "referenceLink": "sample link"
    }
  ]
}

```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a terms of use:

```

{
  "processingTime": 13051,
  "objects": [
    {
      "index": 1,
      "id": "5f674ca5-f2d1-4465-9576-dae6ff4cf7c0",
      "refId": "Term23",
      "name": "Company use only"
    },
    {
      "index": 2,
      "id": "3893741f-e9cf-4a7e-85de-0d200fe7ddf4",
      "refId": "Term22",
      "name": "Client confidential"
    }
  ]
}

```

The following table describes the parameters of each terms of use that is created:

Parameter	Description
index	The position of the terms of use in the <code>objects</code> JSON array. This value does not impact how the terms of use is used by a Data Marketplace user.
id	The system generated unique identifier of the terms of use.
refId	The reference identifier of the terms of use.
name	Name of the terms of use.

Retrieve terms of use

Use REST APIs to retrieve the details of terms of use in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/termsOfUse</code>
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
<code>ids</code>	Optional. The system generated unique identifier of the terms of use.	To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
<code>search</code>	Optional. The search term that you want to use to find a terms of use.	Ensure that the search term that you enter don't contain an asterisk (*).
<code>fields</code>	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION
<code>createdDateFrom</code>	Optional. To find terms of use that were created between a date range, enter the initial date when the terms of use were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
<code>createdDateTo</code>	Optional. To find terms of use that were created between a date range, enter the latest date when the terms of use were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.

Parameter	Description	Additional Information
modifiedDateFrom	Optional. To find terms of use that were modified between a date range, enter the initial date when the terms of use were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
modifiedDateTo	Optional. To find terms of use that were modified between a date range, enter the latest date when the terms of use were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.
status	Optional. The status of the terms of use.	Enter one of the following values: - To find the terms of use that are available to Data Owners, enter <code>ENABLED</code>. - To find the terms of use that are unavailable to Data Owners, enter <code>DISABLED</code>.
type	Optional. The type of the terms of use.	Enter the following types: - <code>ACCESSIBLE</code> - <code>CONTROLLED</code> - <code>RESTRICTED</code>
sortByField	Optional. Sort various parameters.	To sort the search results, you can enter one of the following values: - <code>NAME</code> - <code>STATUS</code> - <code>TYPE</code> - <code>ID</code> - <code>CREATED_BY</code> - <code>CREATED_ON</code> - <code>MODIFIED_BY</code> - <code>MODIFIED_ON</code> Default value is <code>MODIFIED_ON</code> .
sort	Optional. Set the sorting order of the search results.	You can sort the search results in the following order: - To Sort ascending order, enter <code>ASC</code>. - To Sort descending order, enter <code>DESC</code>. Default value is <code>DESC</code> .

Parameter	Description	Additional Information
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve terms of use:

```
https://{CDMP_URL}}/api/v1/integration/termsOfUse?
search=SK&fields=NAME&fields=DESCRIPTION&ids=7bb0bcc1-23a9-4ffc-9f39-50c7b4df91b0&status=
ENABLED&type=CONTROLLED&createdDateFrom=2022-01-01&createdDateTo=2022-12-01&modifiedDateF
rom=2022-01-01&modifiedDateTo=2022-12-01&sortByField=MODIFIED_ON&sort=DESC&offset=0&limit
=1
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve terms of use:

```
{
  "processingTime": 4779,
  "offset": 0,
  "limit": 1,
  "totalCount": 2,
  "objects": [
    {
      "id": "5f674ca5-f2d1-4465-9576-dae6ff4cf7c0",
      "refId": "Term23",
      "name": "Company use only",
      "description": "This data should not be accessed by non-company personnel.",
      "type": "CONTROLLED",
      "status": "ENABLED",
      "acknowledgement": true,
      "referenceLink": null,
      "createdBy": "5tSQ0vG66z9jS0KBQkY84r",
      "createdOn": "2022-05-17T10:05:21.453Z",
      "modifiedBy": "5tSQ0vG66z9jS0KBQkY84r",
      "modifiedOn": "2022-05-17T10:06:57.433Z"
    }
  ]
}
```

The following table describes the parameters of each terms of use that is retrieved:

Parameter	Description
id	The system generated unique identifier of the terms of use.
refId	The reference identifier of the terms of use.
name	Name of the terms of use.

Parameter	Description
description	Description of the terms of use.
type	The type of the terms of use. It can be one of the following values: - ACCESSIBLE - CONTROLLED - RESTRICTED
status	The status of the terms of use. It can be one of the following values: - If the status is <code>ENABLED</code>, the terms of use is available to Data Owners. - If the status is <code>DISABLED</code>, the terms of use isn't available to Data Owners.
acknowledgement	This parameter determines whether the Data User is required to acknowledge the terms of use when they place an order. It can be one of the following values: - If the value is <code>true</code>, the user must acknowledge the terms of use when they place an order. - If the value is <code>false</code>, the user doesn't need to acknowledge the terms of use when they place an order.
referenceLink	The URI of the resource or location where the data is stored or maintained.

Modify terms of use

Use REST APIs to modify terms of use in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/termsOfUse</code>
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the terms of use.	For more information about how you can use an API to get the unique identifier of a terms of use, see "Retrieve terms of use" on page 73 .
refId	Optional. The reference identifier of the terms of use.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the terms of use.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name the terms of use as "Internal Use Only" while a terms of use called "Internal use only" already exists, the API call fails.
description	Required. Description of the terms of use.	-
type	Required. The type of the terms of use.	Enter one of the following values: - ACCESSIBLE - CONTROLLED - RESTRICTED
status	Required. The status of the terms of use.	Enter one of the following values: - To make the terms of use available to Data Owners, enter <code>ENABLED</code>. - To make the terms of use unavailable to Data Owners, enter <code>DISABLED</code>.
type	Required. The type of the terms of use.	Enter one of the following values: - ACCESSIBLE - CONTROLLED - RESTRICTED

Parameter	Description	Additional Information
acknowledgement	Required. This parameter determines whether the Data User is required to acknowledge the terms of use when they place an order.	Enter one of the following values: - If you want the Data User to acknowledge the terms of use when they place an order, enter <code>true</code> . - If you don't want the Data User to acknowledge the terms of use when they place an order, enter <code>false</code> .
referenceLink	Optional. The URI of the resource or location where the data is stored or maintained.	-

Example request

The following example shows how you can use an API to modify a terms of use:

```
{
  "items": [
    {
      "id": "5f674ca5-f2d1-4465-9576-dae6ff4cf7c0",
      "refId": "Term23",
      "name": "Company use only",
      "description": "This data should not be accessed by non-company personnel.",
      "status": "ENABLED",
      "type": "CONTROLLED",
      "acknowledgement": true,
      "referenceLink": "sample link"
    },
    {
      "id": "3893741f-e9cf-4a7e-85de-0d200fe7ddf4",
      "refId": "Term22",
      "name": "Client confidential",
      "description": "Use this for data to be shared with authorized third parties.",
      "status": "DISABLED",
      "type": "CONTROLLED",
      "acknowledgement": false,
      "referenceLink": "sample link"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a terms of use:

```
{
  "processingTime": 12351,
  "objects": [
    {
      "index": 1,
      "id": "5f674ca5-f2d1-4465-9576-dae6ff4cf7c0",
      "refId": "Term23",
      "name": "Company use only"
    },
    {
      "index": 2,
      "id": "3893741f-e9cf-4a7e-85de-0d200fe7ddf4",
      "refId": "Term22",
      "name": "Client confidential"
    }
  ]
}
```

```
}  
  ]  
}
```

The following table describes the parameters of each terms of use that is modified:

Parameter	Description
index	The position of the terms of use in the <code>objects</code> JSON array. This value does not impact how the terms of use is used by a Data Marketplace user.
id	The system generated unique identifier of the terms of use.
refId	The reference identifier of the terms of use.
name	Name of the terms of use.

Update the status of a terms of use

Use REST APIs to enable or disable terms of use in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/termsOfUse/status</code>
Method	PATCH

Note:

- The number of objects whose status you can modify per API call depends on the cloud provider the Informatica Intelligent Cloud Services POD is hosted on. The following table lists the number of objects whose status you can modify per API call on each cloud provider:

Cloud provider	Number of terms of use
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the terms of use.	For more information about how you can use an API to get the unique identifier of a terms of use, see "Retrieve terms of use" on page 73 .
status	Required. The status of the terms of use.	Enter one of the following values: - To make the terms of use available to Data Owners, enter <code>ENABLED</code>. - To make the terms of use unavailable to Data Owners, enter <code>DISABLED</code>.

Example request

The following example shows how you can use an API to update the status of a terms of use:

```
{
  "items": [
    {
      "id": "7bb0bcc1-23a9-4ffc-9f39-50c7b4df91b0",
      "status": "ENABLED"
    },
    {
      "id": "f8504f82-3b26-41b8-ad1c-eea5d1a2a343",
      "status": "ENABLED"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the status of the terms of use is updated successfully:

```
204 OK
```

Usage types

Usage type provides an overview of how the data in a collection is used by a Data User or how the data is intended to be used as envisioned by the Data Owner.

Create usage type

Use REST APIs to create usage types in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/usageContext</code>
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
<code>refId</code>	Optional. The reference identifier of the usage type.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
<code>name</code>	Required. Name of the usage type.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a usage type as "Sales Analytics" while a usage type called "Sales analytics" already exists, the API call fails.
<code>description</code>	Required. Description of the usage type.	-

Parameter	Description	Additional Information
color	Required. The color indicator for the usage type. Assigning a unique color indicator allows Data Marketplace users to identify a usage type easily.	Enter the hexadecimal value that represents the color that you want to use.
status	Required. The status of the usage type.	Enter one of the following values: - To make the usage type available to Data Owners and Data Users, enter <code>ACTIVE</code>. - To make the usage type unavailable to Data Owners and Data Users, enter <code>INACTIVE</code>.

Example request

The following example shows how you can use an API to create an usage type:

```
{
  "items": [
    {
      "refId": "UType314",
      "name": "Retail-Use",
      "description": "This is for standard retail operations.",
      "color": "#aAbe2A",
      "status": "INACTIVE"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create an usage type:

```
{
  "result": {
    "processingTime": 2023,
    "objects": [
      {
        "index": 1,
        "id": "964dfd5f-0add-4749-9ed8-79016a8e9f69",
        "refId": "UType314",
        "name": "Retail-Use"
      }
    ]
  }
}
```

The following table describes the parameters of each usage type that is created:

Parameter	Description
index	The position of the usage type in the <code>objects</code> JSON array. This value does not impact how the usage type is used by a Data Marketplace user.
id	The system generated unique identifier of the usage type.
refId	The reference identifier of the usage type.
name	Name of the usage type.

Retrieve usage type

Use REST APIs to retrieve the details of usage types in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/usageContext</code>
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
ids	Optional. The system generated unique identifier of the usage type.	To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
search	Optional. The search term that you want to use to find a usage type.	Ensure that the search term that you enter don't contain an asterisk (*).
fields	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION

Parameter	Description	Additional Information
<code>createdDateFrom</code>	Optional. To find usage types that were created between a date range, enter the initial date when the usage types were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
<code>createdDateTo</code>	Optional. To find usage types that were created between a date range, enter the latest date when the usage types were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
<code>modifiedDateFrom</code>	Optional. To find usage types that were modified between a date range, enter the initial date when the usage types were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
<code>modifiedDateTo</code>	Optional. To find usage types that were modified between a date range, enter the latest date when the usage types were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.
<code>sortByField</code>	Optional. Sort the search results by various parameters.	To sort the search results, you can enter one of the following values: - NAME - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is <code>MODIFIED_ON</code>.
<code>sort</code>	Optional. Set the sorting order of the search results.	You can sort the search results in the following order: - To Sort ascending order, enter <code>ASC</code>. - To Sort descending order, enter <code>DESC</code>. Default value is <code>DESC</code>.

Parameter	Description	Additional Information
status	Optional. The status of the usage type.	Enter one of the following values: - To find usage types that are available to Data Owners and Data Users, enter <code>ACTIVE</code> . - To find usage types that aren't available to Data Owners and Data Users, enter <code>INACTIVE</code> .
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve an usage type:

```
https://{{CDMP_URL}}/api/v1/integration/usageContext?
ids=c20c8fb4-1cb4-477f-8ff9-52908a3c01d3&search=abcd&fields=NAME&createdDateFrom=2022%2F0
1%2F01&createdDateTo=2022%2F07%2F22&modifiedDateTo=2022%2F02%2F01&modifiedDateFrom=2022%2
F07%2F22&status=ACTIVE&sortByField=NAME&sort=ASC&offset=0&limit=20
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve an usage type:

```
{
  "result":
  {
    "offset":0,
    "limit":50,
    "totalCount":1,
    "objects":
    [
      {
        "id":"964dfd5f-0add-4749-9ed8-79016a8e9f69",
        "refId":"UType314",
        "name": "Retail-Use",
        "description": "This is for standard retail operations.",
        "color": "#aAbe2A",
        "status":"INACTIVE",
        "createdBy":"f400dUqjPuaiJ9KBrzOhIB",
        "createdOn":"2022-07-26T11:19:17.550Z",
        "modifiedBy":"f400dUqjPuaiJ9KBrzOhIB",
        "modifiedOn":"2022-07-26T11:19:17.550Z"
      }
    ]
  }
}
```

The following table describes the parameters of each usage type that is retrieved:

Parameter	Description
id	The system generated unique identifier of the usage type.
refId	The reference identifier of the usage type.
name	Name of the usage type.
description	Description of the usage type.
color	The hexadecimal value that represents the color indicator of the usage type. Assigning a unique color indicator allows Data Marketplace users to identify a usage type easily.
status	The status of the usage type. It can be one of the following values: - If the status is ACTIVE, the usage type is available to Data Owners and Data Users. - If the status is INACTIVE, the usage type is available to Data Owners and Data Users.
createdBy	The system generated unique identifier of the user account that created the usage type.
createdOn	Date when the usage type was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the usage type.
modifiedOn	The latest date when the usage type was modified.

Modify usage type

Use REST APIs to modify usage types in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/usageContext
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the usage type.	For more information about how you can use an API to get the unique identifier of a usage type, see "Retrieve usage type" on page 84 .
refId	Optional. The reference identifier of the usage type.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
name	Required. Name of the usage type.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a usage type as "Sales Analytics" while a usage type called "Sales analytics" already exists, the API call fails.
description	Required. Description of the usage type.	-
color	Optional. The color indicator for the usage type. Assigning a unique color indicator allows Data Marketplace users to identify a usage type easily.	Enter the hexadecimal value that represents the color that you want to use.
status	Required. The status of the usage type.	Enter one of the following values: - To make the usage type available to Data Owners and Data Users, enter <code>ACTIVE</code> . - To make the usage type unavailable to Data Owners and Data Users, enter <code>INACTIVE</code> .

Example request

The following example shows how you can use an API to modify an usage type:

```
{
  "items": [
    {
```

```

        "id": "964dfd5f-0add-4749-9ed8-79016a8e9f69",
        "refId": "UType314",
        "name": "Retail-Use",
        "description": "This is for standard retail operations.",
        "status": "ACTIVE"
    }
]
}

```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify an usage type:

```

{
  "result":
  {
    "processingTime":1286,
    "objects":
    [
      {
        "index": 1,
        "id":"964dfd5f-0add-4749-9ed8-79016a8e9f69",
        "refId":"UType314",
        "name":"Retail-Use"
      }
    ]
  }
}

```

The following table describes the parameters of each usage type that is modified:

Parameter	Description
index	The position of the usage type in the <code>objects</code> JSON array. This value does not impact how the usage type is used by a Data Marketplace user.
id	The system generated unique identifier of the usage type.
refId	The reference identifier of the usage type.
name	Name of the usage type.

Update the status of an usage type

Use REST APIs to enable or disable usage types in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/usageContext/status
Method	PATCH

Note:

- The number of objects whose status you can modify per API call depends on the cloud provider the Informatica Intelligent Cloud Services POD is hosted on. The following table lists the number of objects whose status you can modify per API call on each cloud provider:

Cloud provider	Number of terms of use
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the usage type.	For more information about how you can use an API to get the unique identifier of a usage type, see "Retrieve usage type" on page 84 .
status	Required. The status of the usage type.	Enter one of the following values: - To make the usage type available to Data Owners and Data Users, enter <code>ACTIVE</code>. - To make the usage type unavailable to Data Owners and Data Users, enter <code>INACTIVE</code>.

Example request

The following example shows how you can use an API to update the status of an usage type:

```
{
  "items": [
    {
      "id": "bd1bcf0a-c05c-4a12-b5df-67215475cf25",
      "status": "INACTIVE"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the status of the usage type is updated successfully:

204 OK

Cost centers

A cost center is an area or department within an organization that is generally represented by a unique identifier to which business expenses are allocated. If there is a cost required to deliver the data to a Data User or if there is a cost required to create the data collection that was requested by a Data User, the cost can be charged to the cost center of the Data User.

Create cost centers

Use a REST API to create cost centers in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/costCenters</code>
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
<code>name</code>	Required. Name of the cost center that you want to create.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a cost center as "MKT010" while a cost center called "mkt0101" already exists, the API call fails.
<code>description</code>	Optional. Description of the cost center.	-

Note: You can create only 30 cost centers per API call.

Example request

The following example shows how you can use an API to create a cost center:

```
{
  "items": [
    {
      "name": "RTL-367APJ",
      "description": "The cost center for the APJ retail department."
    },
    {
      "name": "RTL-367EMEA",
      "description": "The cost center for the EMEA retail department."
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a cost center:

```
{
  "processingTime": 23297,
  "objects": [
    {
      "index": 1,
      "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
      "refId": "320dnbc0-e4r0-4r15-by42-3457bg7hf11x",
      "name": "RTL-367APJ"
    },
    {
      "index": 2,
      "id": "8039d329-46fa-4048-b8e0-9e52a6d73583",
      "refId": "783rebc4-c7v5-6e23-xz17-4937bb3nm13t",
      "name": "RTL-367EMEA"
    }
  ]
}
```

The following table describes the parameters of each cost center that is created:

Parameter	Description
index	The position of the cost center in the <code>objects</code> JSON array. This value does not impact how the cost center is used by a Data Marketplace user.
id	The system generated unique identifier of the cost center.
refId	The reference identifier of the cost center.
name	Name of the cost center.

Retrieve cost centers

Use a REST API to retrieve the details of cost centers in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/costCenters
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
ids	Optional. The system generated unique identifier of a cost center.	To enter more than one value, use the following format: ids=<value1>&ids=<value2>
search	Optional. The search term that you want to use to find a cost center.	Ensure that the search term that you enter don't contain an asterisk (*).
fields	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION
createdDateFrom	Optional. To find cost centers that were created between a date range, enter the initial date when the cost center were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.

Parameter	Description	Additional Information
createdDateTo	Optional. To find cost centers that were created between a date range, enter the latest date when the cost center were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the createdDateTo parameter, ensure that you also enter a value for the createdDateFrom parameter.
modifiedDateFrom	Optional. To find cost centers that were modified between a date range, enter the initial date when the cost center were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the modifiedDateFrom parameter, ensure that you also enter a value for the modifiedDateTo parameter.
modifiedDateTo	Optional. To find cost centers that were modified between a date range, enter the latest date when the cost center were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the modifiedDateTo parameter, ensure that you also enter a value for the modifiedDateFrom parameter.
sortByField	Optional. Sort the search results by various parameters.	To sort the search results, you can enter one of the following values: - NAME - ID - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is MODIFIED_ON.

Parameter	Description	Additional Information
sort	Optional. Set the sorting order of the search results.	Enter one of the following values: - To sort the search results by ascending order, enter <code>ASC</code>. - To sort the search results by descending order, enter <code>DESC</code>. Default value is <code>DESC</code> .
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve cost centers:

```
https://{CDMP_URL}/api/v1/integration/costCenters?
search=SK&fields=NAME&ids=8039d329-46fa-4048-
b8e0-9e52a6d73583&createdDateFrom=2012-09-12&createdDateTo=2023-09-12&modifiedDateFrom=20
12-09-12&modifiedDateTo=2023-09-12&sortByField=MODIFIED_ON&sort=DESC&offset=0&limit=1
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve a cost center:

```
{
  "processingTime": 7986,
  "offset": 0,
  "limit": 1,
  "totalCount": 1,
  "objects": [
    {
      "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
      "name": "RTL-367APJ",
      "description": "The cost center for the APJ retail department.",
      "createdBy": "3q961bWdAHqjFSS7orgR8N",
      "createdOn": "2022-07-26T11:18:20.029Z",
      "modifiedBy": "3q961bWdAHqjFSS7orgR8N",
      "modifiedOn": "2022-07-26T11:23:32.881Z"
    }
  ]
}
```

The following table describes the parameters of each cost center that is retrieved:

Parameter	Description
id	The system generated unique identifier of the cost center.
name	Name of the cost center.

Parameter	Description
description	Description of the cost center.
createdBy	The system generated unique identifier of the user account that created the cost center.
createdOn	Date when the cost center was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the cost center.
modifiedOn	The latest date when the cost center was modified.

Modify cost centers

Use a REST API to modify cost centers in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/costCenters
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the cost center.	For more information about how you can use an API to get the unique identifier of a cost center, see "Retrieve cost centers" on page 92 .
name	Required. Name of the cost center.	Ensure that you enter a unique value. Data Marketplace doesn't consider the letter case when it verifies the uniqueness of the <code>name</code> parameter's value. For example, if you try to name a cost center as "MKT010" while a cost center called "mkt010" already exists, the API call fails.
description	Optional. Description of the cost center.	-

Example request

The following example shows how you can use an API to modify a cost center:

```
{
  "items": [
    {
      "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
      "name": "RTL-367APJ",
      "description": "The cost center for the APJ retail department."
    },
    {
      "id": "8039d329-46fa-4048-b8e0-9e52a6d73583",
      "name": "RTL-367EMEA",
      "description": "The cost center for the EMEA retail department."
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a cost center:

```
{
  "processingTime": 23913,
  "objects": [
    {
      "index": 1,
      "id": "980dfbc0-c7c0-4e24-ba47-4477bb9bf19c",
      "refId": "320dnbc0-e4r0-4r15-by42-3457bg7hf11x",
      "name": "RTL-367APJ"
    },
    {
      "index": 2,
      "id": "8039d329-46fa-4048-b8e0-9e52a6d73583",
      "refId": "783rebc4-c7v5-6e23-xz17-4937bb3nm13t",
      "name": "RTL-367EMEA"
    }
  ]
}
```

The following table describes the parameters of each cost center that is modified:

Parameter	Description
index	The position of the cost center in the <code>objects</code> JSON array. This value does not impact how the cost center is used by a Data Marketplace user.
id	The system generated unique identifier of the cost center.
refId	The reference identifier of the cost center.
name	Name of the cost center.

CHAPTER 3

Manage Data Marketplace content

This chapter includes the following topics:

- [Data elements, 99](#)
- [Data assets, 110](#)

Data elements

A data element is the smallest unit of data that is present in Data Marketplace. A grouping of one or more related data elements forms a data asset.

Create data elements

Use a REST API to create data elements in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataAssets/<id>/dataElements <id>: Required. The system generated unique identifier of the enabled data asset to which you want to add the new data element. To get the unique identifier of a data asset, open the data asset. The data asset page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/dataAsset/8c4c2089-6c7e-4696-a8f6-44f87639d65c?dtn=Table_Profiling_AK_1676302415587&tab=dataElements</code> , the unique identifier is <code>8c4c2089-6c7e-4696-a8f6-44f87639d65c</code> . For more information about how you can use an API to get the unique identifier of a data asset, see "Retrieve data assets" on page 113 .
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can use the API to add a data element only to a data asset that is native to Data Marketplace.
- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
name	Required. Name of the data element that you want to create.	-
refId	Optional. Reference identifier of the data element that you want to create.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
description	Required. Description of the data element.	-
referenceLink	Optional. The URL path of the data source.	-
technicalType	Optional. The type of the data element, as defined in the data source.	-
technicalName	Optional. The name of the data element, as it appears in the data source.	-

Parameter	Description	Additional Information
type	Optional. Type of the data element.	-
status	Required. Status of the data element.	Enter one of the following values: - To make the data elements available to Data Owners, enter <code>ENABLED</code> . - To make the data elements unavailable to Data Owners, enter <code>DISABLED</code> .

Example request

The following example shows how you can use an API to create a data element:

```
{
  "items": [
    {
      "name": "Address",
      "refId": "DAET3401",
      "description": "Address of the customer",
      "referenceLink": "URL://DATA_ASSET",
      "technicalType": "string",
      "technicalName": "string",
      "type": "TEXT",
      "status": "ENABLED"
    }
  ]
}
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a data element:

```
{
  "processingTime": 2137,
  "objects": [
    {
      "index": 1,
      "id": "d917d035-d9a0-3894-a8cc-16b506c4dec",
      "refId": "DAET3401",
      "name": "Address"
    }
  ]
}
```

The following table describes the parameters of each data element that is created:

Parameter	Description
index	The position of the data element in the <code>objects</code> JSON array. This value does not impact how the data element is used by a Data Marketplace user.
id	The system generated unique identifier of the data asset.
refId	The reference identifier of the data asset.
name	Name of the data element.

Retrieve data elements

Use a REST API to retrieve the details of data elements in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataAssets/<id>/dataElements <id>: Required. The system generated unique identifier of the data asset that contains the data element. To get the unique identifier of a data asset, open the data asset. The data asset page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/dataAsset/8c4c2089-6c7e-4696-a8f6-44f87639d65c?dtn=Table_Profiling_AK_1676302415587&tab=dataElements</code> , the unique identifier is <code>8c4c2089-6c7e-4696-a8f6-44f87639d65c</code> . For more information about how you can use an API to get the unique identifier of a data asset, see "Retrieve data assets" on page 113 .
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
<code>sortByField</code>	Optional. Sort the search results by various parameters.	To sort the search results, you can enter one of the following values: - ID - NAME - STATUS - TECHNICAL_TYPE - TECHNICAL_NAME - TYPE Default value is <code>MODIFIED_ON</code> .
<code>sort</code>	Optional. Set the sorting order of the search results.	You can sort the search results in the following order: - To sort the search results by ascending order, enter <code>ASC</code>. - To sort the search results by descending order, enter <code>DESC</code>. Default value is <code>DESC</code> .
<code>offset</code>	Optional. The starting index for the paginated results.	Default value is 0.
<code>limit</code>	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the data elements of a data asset:

```
https://{CDMP_URL}/api/v1/integration/dataAssets/r517d035-g1a0-6813-v4cd-23e506c4devr/  
dataElements?sortByField=NAME&sort=DESC
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the data elements of a data asset:

```
{  
  "processingTime": 2137,  
  "offset": 0,  
  "limit": 50,  
  "totalCount": 1,  
  "objects": [  
    {  
      "id": "c317d035-d9a0-3144-a8cc-18v506c4dece",  
      "refId": "DLM-371",  
      "name": "Retail outlet list",  
      "description": "A list of all retail outlets.",  
      "referenceLink": "URL://AXON",  
      "technicalType": "string",  
      "technicalName": "string",  
      "type": "column",  
      "status": "ENABLED",  
      "businessName": "Global Retail Outlets",  
      "businessDesc": "A list of all retail outlets around the global.",  
      "createdBy": "7w2uGIARApUgxniNoHHWsJ",  
      "createdOn": "2022-03-08T17:05:28.208Z",  
      "modifiedBy": "7w2uGIARApUgxniNoHHWsJ",  
      "modifiedOn": "2022-03-08T17:09:34.623Z"  
    }  
  ]  
}
```

The following table describes the parameters of each data element that is retrieved:

Parameter	Description
offset	The starting index for the paginated results. Default value is 0.
limit	The maximum number of results. Default value is 50.
totalCount	Total count of records matching the given filters.
id	The system generated unique identifier of the data element.
refId	Reference identifier of the data element.
name	Name of the data element.
description	Description of the data element.
referenceLink	The URL path of the data source.

Parameter	Description
technicalType	The type of the data element, as defined in the data source.
technicalName	The name of the data element, as it appears in the data source.
type	Type of the data element.
status	The status informs you of whether the data element is available to Data Owners. If the status is <code>ENABLED</code> , the data element is available to Data Owners. If the status is <code>DISABLED</code> , the data element is not available to Data Owners.
businessName	The business name of a data element, as defined in Data Governance and Catalog. In Data Governance and Catalog, technical assets might have user-friendly business names assigned to them. Users can assign the business names manually, or the system can automatically assign the names. For more information, see the <i>Enrich technical assets with governance context</i> topic in the <i>Working With Assets</i> help for Data Governance and Catalog.
businessDesc	The business description of a data element, as defined in Data Governance and Catalog. In Data Governance and Catalog. For more information, see the <i>Enrich technical assets with governance context</i> topic in the <i>Working With Assets</i> help for Data Governance and Catalog.
createdBy	The system generated unique identifier of the user account that created the data element.
createdOn	The date when the data element was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the data element.
modifiedOn	The latest date when the data element was modified.

Modify data elements

Use a REST API to modify data elements in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataAssets/<id>/dataElements <id>: Required. The system generated unique identifier of the data asset whose data element you want to modify. To get the unique identifier of a data asset, open the data asset. The data asset page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/dataAsset/8c4c2089-6c7e-4696-a8f6-44f87639d65c?dtn=Table_Profiling_AK_1676302415587&tab=dataElements</code>, the unique identifier is <code>8c4c2089-6c7e-4696-a8f6-44f87639d65c</code>. For more information about how you can use an API to get the unique identifier of a data asset, see "Retrieve data assets" on page 113.
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can use the API to modify only a data element that is native to Data Marketplace.
- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the data element that you want to modify.	For more information about how you can use an API to get the unique identifier of a data element, see "Retrieve data elements" on page 102 .
name	Required. Name of the data element that you want to modify.	-
refId	Optional. Reference identifier of the data element that you want to modify.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
description	Required. Description of the data element.	-
referenceLink	Optional. The URL path of the data source.	-
technicalType	Optional. The type of the data element, as defined in the data source.	-
technicalName	Optional. The name of the data element, as it appears in the data source.	-

Parameter	Description	Additional Information
type	Optional. Type of the data element.	-
status	Required. Status of the data element.	Enter one of the following values: - To make the data element available to Data Owners, enter <code>ENABLED</code>. - To make the data element unavailable to Data Owners, enter <code>DISABLED</code>.

Example request

The following example shows how you can use an API to modify a data element:

```
{
  "items": [
    {
      "id": "d917d035-d9a0-3894-a8cc-16b506c4decd",
      "name": "Updated Address",
      "refId": "DAET3401",
      "description": "Updated Address of the customer",
      "referenceLink": "URL://DATA_ASSET",
      "technicalType": "string",
      "technicalName": "string",
      "type": "TEXT",
      "status": "ENABLED"
    }
  ]
}
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a data element:

```
{
  "processingTime": 1986,
  "objects": [
    {
      "index": 1,
      "id": "d917d035-d9a0-3894-a8cc-16b506c4decd",
      "refId": "DAET3401",
      "name": "Updated Address"
    }
  ]
}
```

The following table describes the parameters of each data element that is modified:

Parameter	Description
index	The position of the data element in the <code>objects</code> JSON array. This value does not impact how the data element is used by a Data Marketplace user.
id	The system generated unique identifier of the data element.

Parameter	Description
refId	The reference identifier of the data element.
name	Name of the data element.

Delete data elements

Use a REST API to delete data elements in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataElements/<id> <id>: Required. Enter the system generated unique identifier of the data element that you want to delete. For more information about how you can use an API to get the unique identifier of a data element, see "Retrieve data elements" on page 102 .
Method	DELETE

Note:

- You can use the API to delete only a data element that was created in Data Marketplace. If you use the API to delete an element that originates from an external system such as Data Governance and Catalog, the API call fails.
- You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to delete a data element:

```
https://{CDMP_URL}/api/v1/integration/dataElements/d2313aed-330e-44a0-bcfa-380ee4a95a62
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the data element is deleted successfully:

```
204 OK code
```

Manage the data quality information of a data element

Use a REST API to specify a data quality score for a data element in Data Marketplace or to modify the data quality score of a data element.

For more information about data quality rules, see the *Data Quality Per Asset* section topic in the *Introduction and Getting Started* help.

Endpoint and method

The following table lists the connection parameters for the API:

Property	Description
Endpoint	/api/v1/integration/dataElements/dq/records
Method	PUT

Note:

- The number of data quality rules that you can assign to a data element per API call depends on the cloud provider the Informatica Intelligent Cloud Services POD is hosted on. The following table lists the number of data quality rules that you can assign to a data element per API call on each cloud provider:

Cloud provider	Number of data quality rules
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
<code>dataElementId</code>	Required. The system generated unique identifier of the data element for which you want to specify a data quality score.	For more information about how you can use an API to get the unique identifier of a data element, see "Retrieve data elements" on page 102 .
<code>ruleRefId</code>	Required. The reference identifier of the data quality rule that is run on the data element, as defined in the external data quality system.	-
<code>ruleName</code>	Required. The name of the data quality rule that is run on the data element.	-
<code>ruleDescription</code>	Optional. The description of the data quality rule that is run on the data element.	-

Parameter	Description	Additional Information
type	Required. The dimension for which the data quality rule is run.	You can enter one of the following values: - Accuracy - Validity - Completeness - Consistency - Uniqueness - Timeliness
score	Required. The data quality score.	Enter a value from 0 through 100.
rowCount	Required. The number of rows on which the data quality rule is executed.	-
exceptionCount	Required. The acceptable number of unresolved data quality issues in your data.	-
executionDate	Optional. The date when the data quality rule is executed.	-
thresholds	Required. A threshold is the minimum acceptable data quality score of a data element.	The thresholds that you define help users to distinguish helpful data from the unhelpful data.
thresholds > name	Required. The name of the color used by Data Marketplace to represent a threshold.	You can enter only the following values: - The GREEN value indicates that the data quality score is above the target value, represents a "Good" score. - The AMBER value indicates that the data quality score is between the threshold and target value, represents an "Acceptable" score.
thresholds > value	Required. The minimum acceptable data quality score.	You must specify a value for both the GREEN and AMBER threshold.

Example request

The following example shows how you can use an API to specify a data quality score for a data element:

```
{
  "items": [
    {
      "dataElementId": "d917d035-d9a0-3894-a8cc-16b506c4decd",
      "ruleRefId": "CDMP-RO-01",
      "ruleName": "CDMP Rule Occurrence 1",
      "ruleDescription": "Rule Description",
      "type": "Accuracy",
      "score": 85,
      "rowCount": 100,
      "exceptionCount": 15,
      "executionDate": "2022-12-07T00:00:00.000Z",
      "thresholds": [
        {
          "name": "GREEN",
          "value": 88
        },
        {

```

```

        "name": "AMBER",
        "value": 70
      }
    ]
  }
}

```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to specify a data quality score for a data element:

```

{
  "processingTime": 689,
  "objects": [
    {
      "index": 1,
      "id": "g377d066-f9e4-5674-f7cv-13g666c4dtyd",
      "refId": "CDMP-RO-01",
      "name": "CDMP Rule Occurrence 1"
    }
  ]
}

```

The following table contains the parameters in the response body:

Parameter	Description
id	The system generated unique identifier of the data quality score information of the data element.
refId	The reference identifier of the data quality rule that is assigned to the data element.
name	The name of the data quality rule that is assigned to the data element.

Data assets

A data asset is an object that can be created, read, updated, or deleted. Data assets may contain related data elements, the assets themselves comprise one or more data collections.

Create data assets

Use a REST API to create data assets in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataAssets
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
name	Required. Name of the data asset that you want to create.	-
refId	Optional. Reference identifier of the data asset that you want to create.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
description	Required. Description of the data asset.	-
source	Required. The source system from which the data is supplied.	-

Parameter	Description	Additional Information
descriptiveSource	Optional. The source application from which the description of the data asset is taken.	-
type	Required. Type of the data asset.	-
refLink	Optional. The URL path of the data source.	-
assetLocation	Optional. The location of the data asset in the data source.	-
assetLocationDescription	Optional. The description of the location in the data source where the data asset is stored.	-
technicalAssetName	Optional. The name of the data asset, as it appears in the data source.	-
status	Optional. Status of the data asset.	Enter one of the following values: - To make the data asset available to Data Owners, enter <code>ENABLED</code>. - To make the data asset unavailable to Data Owners, enter <code>DISABLED</code>. Default value is <code>ENABLED</code> .

Example request

The following example shows how you can use an API to create a data asset:

```
{
  "items": [
    {
      "name": "Accounts Customers",
      "refId": "CMDS001",
      "description": "Customer Information",
      "source": "CDLG",
      "descriptiveSource": "AXON",
      "type": "Table",
      "refLink": "URL://AXON",
      "assetLocation": "string",
      "assetLocationDescription": "string",
      "technicalAssetName": "string",
      "status": "ENABLED"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create a data asset:

```
{
  "processingTime": 2130,
  "objects": [
    {
      "index": 1,
      "id": "49d4856a-90b3-3584-abd6-47db0fe9acb6",
      "refId": "CMDS001",
      "name": "Accounts_Customers"
    }
  ]
}
```

The following table describes the parameters of each data asset that is created:

Parameter	Description
index	The position of the data asset in the <code>objects</code> JSON array. This value does not impact how the data asset is used by a Data Marketplace user.
id	The system generated unique identifier of the data asset.
refId	The reference identifier of the data asset.
name	Name of the data asset.

Retrieve data assets

Use REST APIs to retrieve the details of data assets in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataAssets
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
search	Optional. Enter a search term to find the data assets.	Ensure that the search term that you enter don't contain an asterisk (*).
fields	Optional. Enter one or more fields that apply to the search. The terms you enter in the search <code>fields</code> parameter are searched in the fields that you enter here.	Enter the following values: - NAME - DESCRIPTION - SOURCE - TYPE - DESCRIPTIVE_SOURCE
createdDateFrom	Optional. To find data assets created between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
createdDateTo	Optional. To find data assets created between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
modifiedDateFrom	Optional. To find data assets modified between a date range, enter the starting date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
modifiedDateTo	Optional. To find data assets modified between a date range, enter the ending date.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.

Parameter	Description	Additional Information
status	Optional. Status of the data asset.	Enter one of the following values: - To find the data assets available to Data Owners, enter <code>ENABLED</code>. - To find the data assets unavailable to Data Owners, enter <code>DISABLED</code>.
sortByField	Optional. Sort the search result by various parameters.	To sort the search results, you can enter one of the following values: - <code>ID</code> - <code>NAME</code> - <code>SOURCE</code> - <code>DESCRIPTIVE_SOURCE</code> - <code>TYPE</code> - <code>ASSET_LOCATION</code> - <code>ASSET_LOCATION_DESCRIPTION</code> - <code>TECHNICAL_ASSET_NAME</code> - <code>STATUS</code> - <code>CREATED_BY</code> - <code>CREATED_ON</code> - <code>MODIFIED_BY</code> - <code>MODIFIED_ON</code> Default value is <code>MODIFIED_ON</code> .
sort	Sort the search result in an ascending or descending order.	Enter one of the following values: - To sort the search results by ascending order, enter <code>ASC</code>. - To sort the search results by descending order, enter <code>DESC</code>. Default value is <code>DESC</code> .
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of a data asset:

```
https://{CDMP_URL}/api/v1/integration/dataAssets?
search=Accounts_Customers2&status=ENABLED
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of a data asset:

```
{
  "processingTime": 212,
  "offset": 0,
  "limit": 50,
```

```

"totalCount": 1,
"objects": [
  {
    "name": "Accounts_Customers2",
    "id": "35d4856a-90b3-3584-abd6-47db0fe9acb7",
    "refId": "DAS-891",
    "description": "Customer Information",
    "source": "CDLG",
    "descriptiveSource": "AXON",
    "type": "Table",
    "refLink": "URL://AXON",
    "assetLocation": "string",
    "assetLocationDescription": "string",
    "technicalAssetName": "string",
    "status": "DISABLED",
    "resourceReference": {
      "typeReference": "string",
      "sourceAssetId": "string"
    },
    "createdBy": "7w2uGIARApUgxniNoHHWsJ",
    "createdOn": "2022-03-08T17:05:28.208Z",
    "modifiedBy": "7w2uGIARApUgxniNoHHWsJ",
    "modifiedOn": "2022-03-08T17:09:34.623Z"
  }
]
}

```

The following table describes the parameters of each data asset that is retrieved:

Parameter	Description
offset	The starting index for the paginated results. Default value is 0.
limit	The maximum number of results. Default value is 50.
totalCount	Total count of records matching the given filters.
name	Name of the data asset.
id	The system generated unique identifier of the data asset.
refId	Reference identifier of the data asset.
description	Description of the data asset.
source	The source system from which the data is supplied.
descriptiveSource	The source application from which the description of the data asset is taken.
type	Type of the data asset.
refLink	The URL path of the data source.
assetLocation	The location of the data asset in the data source.
assetLocationDescription	The description of the location in the data source where the data asset is stored.
technicalAssetName	The name of the data asset, as it appears in the data source.

Parameter	Description
status	The status informs you of whether the data asset is available to Data Owners. If the status is ENABLED , the data asset is available to Data Owners. If the status is DISABLED , the data asset is not available to Data Owners.
resourceReference	The details of the data asset that was imported from Data Governance and Catalog
resourceReference > typeReference	The asset type of the asset as defined in Data Governance and Catalog.
resourceReference > sourceAssetId	The identifier of the asset in Data Governance and Catalog.
createdBy	The system generated unique identifier of the user account that created the data asset.
createdOn	The date when the data asset was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the data asset.
modifiedOn	The latest date when the data asset was modified.

Modify data assets

Use a REST API to modify data assets in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataAssets
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the data asset.	For more information about how you can use an API to get the unique identifier of a data asset, see "Retrieve data assets" on page 113. To get the unique identifier of a data asset from the Data Marketplace interface, open the data asset. The data asset page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/dataAsset/8c4c2089-6c7e-4696-a8f6-44f87639d65c?dtn=Table_Profiling_AK_1676302415587&tab=dataElements</code>, the unique identifier is <code>8c4c2089-6c7e-4696-a8f6-44f87639d65c</code>. Note: You can use this API to modify only the data assets that are native to Data Marketplace. To modify a data asset that was imported from Data Governance and Catalog, see the Data Governance and Catalog help.
name	Required. Name of the data asset that you want to modify.	-
description	Required. Description of the data asset.	-
source	Required. The source system from which the data is supplied.	-
descriptiveSource	Optional. The source application from which the description of the data asset is taken.	-
type	Required. Type of the data asset.	-
refLink	Optional. The URL path of the data source.	-
assetLocation	Optional. The location of the data asset in the data source.	-
assetLocationDescription	Optional. The description of the location in the data source where the data asset is stored.	-

Parameter	Description	Additional Information
technicalAssetName	Optional. The name of the data asset, as it appears in the data source.	-
status	Optional. Status of the data asset.	Enter one of the following values: - To make the data asset available to Data Owners, enter <code>ENABLED</code>. - To make the data asset unavailable to Data Owners, enter <code>DISABLED</code>. Default value is <code>ENABLED</code> .

Example request

The following example shows how you can use an API to modify a data asset:

```
{
  "items": [
    {
      "id": "35d4856a-90b3-3584-abd6-47db0fe9acb7",
      "name": "Accounts_Customers2",
      "description": "Updated Customer Information",
      "source": "CDLG",
      "descriptiveSource": "AXON",
      "type": "Table",
      "refLink": "URL://AXON",
      "assetLocation": "string",
      "assetLocationDescription": "string",
      "technicalAssetName": "string",
      "status": "DISABLED"
    }
  ]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a data asset:

```
{
  "processingTime": 2130,
  "objects": [
    {
      "index": 1,
      "id": "35d4856a-90b3-3584-abd6-47db0fe9acb7",
      "refId": "DAS-891",
      "name": "Accounts_Customers2"
    }
  ]
}
```

The following table describes the parameters of each data asset that is modified:

Parameter	Description
index	The position of the data asset in the <code>objects</code> JSON array. This value does not impact how the data asset is used by a Data Marketplace user.
id	The system generated unique identifier of the data asset.
refId	The reference identifier of the data asset.
name	Name of the data asset.

Delete data assets

Use a REST API to delete data assets in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/dataAssets/<id></code> <id> : Required. Enter the system generated unique identifier of the data asset that you want to delete. For more information about how you can use an API to get the unique identifier of a data asset, see "Retrieve data assets" on page 113 . To get the unique identifier of a data asset from the Data Marketplace interface, open the data asset. The data asset page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/dataAsset/8c4c2089-6c7e-4696-a8f6-44f87639d65c?dtn=Table_Profiling_AK_1676302415587&tab=dataElements</code> , the unique identifier is <code>8c4c2089-6c7e-4696-a8f6-44f87639d65c</code> .
Method	DELETE

Note:

- You can use this API to delete only the data assets that are native to Data Marketplace. To delete a data asset that was imported from Data Governance and Catalog, see the Data Governance and Catalog help.
- You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to delete a data asset:

```
https://{CDMP_URL}/api/v1/integration/dataAssets/d2313aed-330e-44a0-bcfa-380ee4a95a62
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the data asset is deleted successfully:

204 OK code

CHAPTER 4

Manage data collections

This chapter includes the following topics:

- [Create data collections, 122](#)
- [Retrieve data collections, 127](#)
- [Modify data collections, 136](#)
- [Delete data collections, 141](#)
- [Add or remove data assets from data collections, 142](#)
- [Add or remove terms of use from data collections, 145](#)
- [Retrieve the data assets of a data collection, 147](#)
- [Retrieve the terms of use of a data collection, 149](#)
- [Retrieve data collection rating, 151](#)

Create data collections

Use a REST API to create data collections in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
name	Required. Name of the data collection that you want to create.	-
description	Required. Description of the data collection that you want to create.	-
refId	Optional. Reference identifier of the data collection that you want to create.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
categoryId	Required. The system generated unique identifier of the category in which you want to create the data collection.	For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17. To get the unique identifier of a category from the Data Marketplace interface, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/category/view?ac=67417f72-e5ab-44f0-add9-a1e412c1ce13&dt=_AfterEBF%20may20</code>, the unique identifier is <code>67417f72-e5ab-44f0-add9-a1e412c1ce13</code>.

Parameter	Description	Additional Information
usageContextIds	Optional. The system generated unique identifier of the usage type that you want to use to specify the certified use of the data collection.	For more information about how you can use an API to get the unique identifier of a usage type, see "Retrieve usage type" on page 84 .
dataCollectionStatus	Required. The status informs you of whether or not the data collection is available to Data Users.	Enter one of the following values: - To make the data collection available to Data Users, enter <code>PUBLISHED</code>. - To make the data collection unavailable to Data Users, enter <code>UNPUBLISHED</code>.
dataOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Data Owner of the data collection.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4</code>, the unique identifier is <code>90uizkSWg0ycuu7hSNXSW4</code>.
technicalOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Technical Owner of the data collection.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4</code>, the unique identifier is <code>90uizkSWg0ycuu7hSNXSW4</code>.

Parameter	Description	Additional Information
customFields	You can use custom fields to specify additional information about the data collection.	Whether you must enter a value or not enter a value in a custom field is determined by how the custom field was defined by your Administrator in Metadata Command Center. Custom fields are additional properties for Data Marketplace objects that are defined by your Administrator in Metadata Command Center. For more information about custom fields, see the <i>Create custom fields for objects</i> topic in the <i>Set Up Data Marketplace</i> help.
customFields > name	The system generated unique identifier of the custom field.	For more information about how you can retrieve the system generated unique identifier of a custom field, see "Retrieve custom fields" on page 240 .
customFields > value	The custom field value.	This parameter can have only a single value.
customFields > values	The custom field value.	This parameter can have multiple values.

Example request

The following examples show how you can use APIs to create data collections:

Example request 1

```
{
  "items": [
    {
      "name": "Retail Manager List",
      "description": "Details about the managers of all retail outlets globally.",
      "refId": "DC9912",
      "categoryId": "49d4856a-90b3-3584-abd6-47db0fe9acb6",
      "usageContextIds": [
        "54ab6f78-264a-4892-bff6-b999b2284200"
      ],
      "dataCollectionStatus": "PUBLISHED",
      "dataOwners": [
        "56y4856a-34t3-5678-abd6-47db0fe9er3c"
      ],
      "technicalOwners": [
        "42y4853e-16y1-9087-ert2-32ef0fe4gh7c"
      ],
      "customFields": [
        {
          "name": "com.infra.odin.models.custom.ca_3412802606475555040",
          "value": "false"
        }
      ]
    }
  ]
}
```

Example request 2

```
{
  "items": [
    {
      "name": "08/09 J-SOX Reports",
      "description": "The collection of J-SOX reports from 2008-09.",
    }
  ]
}
```

```

"refId": "78901",
"categoryId": "5e056b9b-d2d1-4b33-a38b-3d8255cde7c0",
"dataCollectionStatus": "PUBLISHED",
"customFields": [
  {
    "name": "com.infa.odin.models.custom.ca_7821688086685433570",
    "value": true
  },
  {
    "name": "com.infa.odin.models.custom.ca_3184028726397751640",
    "value": "2023-09-05"
  },
  {
    "name": "com.infa.odin.models.custom.ca_6928840635020975219",
    "value": 45.6
  },
  {
    "name": "com.infa.odin.models.custom.ca_7907323524500803261",
    "value": "Secure Data Transfer"
  },
  {
    "name": "com.infa.odin.models.custom.ca_1535512762047882544",
    "value": 10
  },
  {
    "name": "com.infa.odin.models.custom.ca_8610145587620226269",
    "value": "Reticulum"
  },
  {
    "name": "com.infa.odin.models.custom.ca_5588843841075376340",
    "value": "LXMF"
  },
  {
    "name": "com.infa.odin.models.custom.ca_1007408542741800522",
    "value": true
  },
  {
    "name": "com.infa.odin.models.custom.ca_3068304325528979652",
    "values": [
      "Apache CloduStack",
      "Microsoft Azure",
      "Amazong Web Services"
    ]
  }
]
}
]
}
}

```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following examples show the response of API calls to create data collections:

Example response 1

```

{
  "processingTime": 10105,
  "objects": [
    {
      "index": 1,
      "id": "1a9e9fa2-f864-4821-b160-18006453b525",
      "refId": "DC9912",
      "name": "Retail Manager List"
    }
  ]
}

```

```

    ],
    "errors": null
  }

```

Example response 2

```

{
  "processingTime": 12243,
  "objects": [
    {
      "index": 0,
      "id": "0537c392-a359-4cdc-8989-1d88eee1dddb",
      "refId": "78901",
      "name": "08/09 J-SOX Reports"
    }
  ],
  "errors": null
}

```

The following table describes the parameters of each data collection that is created:

Parameter	Description
index	The position of the data collection in the <code>objects</code> JSON array. This value does not impact how the data collection is used by a Data Marketplace user.
id	The system generated unique identifier of the data collection.
refId	The reference identifier of the data collection.
name	Name of the data collection.

Retrieve data collections

Use REST APIs to retrieve the details of data collections in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
search	Optional. The search term that you want to use to find a data collection.	Ensure that the search term that you enter don't contain an asterisk (*).
fields	Optional. Enter the fields on which the search term applies. The terms that you entered in the <code>search</code> field parameter are used to search the fields that you specify here.	Enter the following values: - NAME - DESCRIPTION
ids	Optional. The system generated unique identifier of the data collection.	To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cecle171d0f1?dtn=&tab=summary</code>, the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cecle171d0f1</code>. To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
dataOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Data Owner of the data collection.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. - For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. - For example, in the URL <code>/cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4</code>, the unique identifier is <code>90uizkSWg0ycuu7hSNXSW4</code>.

Parameter	Description	Additional Information
technicalOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Technical Owner of the data collection.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4</code>, the unique identifier is <code>90uizkSWg0ycuu7hSNXSW4</code>.
categoryIds	Optional. The system generated unique identifier of the category that contains the data collection.	For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17. To get the unique identifier of a category from the Data Marketplace interface, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/category/view?ac=67417f72-e5ab-44f0-add9-a1e412c1ce13&dtm=_AfterEBF%20may20</code>, the unique identifier is <code>67417f72-e5ab-44f0-add9-a1e412c1ce13</code>.
usageContextIds	Optional. The system generated unique identifier of the usage type that you want to use to specify the certified use of the data collection.	For more information about how you can use an API to get the unique identifier of a usage type, see "Retrieve usage type" on page 84 .
deliveryTemplateIds	Optional. The system generated unique identifier of the delivery template that was used to create the delivery target of the data collection.	For more information about how you can use an API to get the unique identifier of a delivery template, see "Retrieve delivery templates" on page 46 .
deliveryTargetLocations	Optional. The delivery target location.	-

Parameter	Description	Additional Information
<code>createdDateFrom</code>	Optional. To find data collections that were created between a date range, enter the initial date when the data collections were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
<code>createdDateTo</code>	Optional. To find data collections that were created between a date range, enter the latest date when the data collections were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
<code>modifiedDateFrom</code>	Optional. To find data collections that were modified between a date range, enter the initial date when the data collections were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
<code>modifiedDateTo</code>	Optional. To find data collections that were modified between a date range, enter the latest date when the data collections were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.
<code>status</code>	Optional. The status informs you of whether or not the data collection is available to Data Users.	Enter one of the following values: - If the status is <code>PUBLISHED</code>, the data collection is available to Data Users. - If the status is <code>UNPUBLISHED</code>, the data collection is not available to Data Users.

Parameter	Description	Additional Information
sortByField	Optional. Sort by various parameters.	To sort the search results, you can enter one of the following values: - ID - NAME - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is MODIFIED_ON.
sort	Optional. Set the sorting order of the search results.	You can sort the search results in the following order: - To sort the search results by ascending order, enter ASC. - To sort the search results by descending order, enter DESC. Default value is DESC.
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following examples show how you can use APIs to retrieve the details of data collections:

Example request 1

```
https://{CDMP_URL}/api/v1/integration/dataCollections?ids=675c2d4d-f0a8-4526-9aeb-304c86488296&usageContextIds=IdString2&sortByField=MODIFIED_ON&sort=DESC'
```

Example request 2

```
https://{CDMP_URL}/api/v1/integration/dataCollections?ids=0537c392-a359-4cdc-8989-1d88eee1dddb
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following examples show the response of API calls to retrieve the details of data collections:

Example response 1

```
{
  "processingTime": 5177,
  "offset": 0,
  "limit": 50,
  "totalCount": 1,
  "objects": [
    {
```

```

    "id": "b90626e0-c9ae-44ed-b9ed-67178e92e886",
    "refId": "DCL-945",
    "name": "Retail Outlet List",
    "description": "List of all retail outlets.",
    "category": {
      "id": "8a17c0c2-dc9b-4904-8d28-535c27f23489",
      "name": "Retail",
      "description": "The category for the Retail department.",
      "refId": "CAT-744",
      "status": "ACTIVE",
      "effectiveStatus": "ACTIVE"
    },
    "usageContexts": [
      {
        "id": "675c2d4d-f0a8-4526-9aeb-304c86488296",
        "name": "Retail Analytics",
        "description": "This is for analytics purposes by the retail department.",
        "color": "string",
        "status": "ACTIVE"
      }
    ],
    "status": "PUBLISHED",
    "dataOwners": [
      {
        "displayName": "Jane Doe",
        "id": "User1",
        "name": "username1",
        "email": "abc@xyz.com",
        "phone": "2020202020",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
      }
    ],
    "technicalOwners": [
      {
        "displayName": "John Doe",
        "id": "User2",
        "name": "username2",
        "email": "xyz@abc.com",
        "phone": "2020202021",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
      }
    ],
    "customFields": [
      {
        "name": "com.infra.odin.models.custom.ca_1007408542741800522",
        "value": "false",
        "values": null
      }
    ],
    "createdBy": "lWDKqZAREESgsDTtk9kVOy",
    "createdOn": "2022-06-21T10:43:03.374Z",
    "modifiedBy": "lWDKqZAREESgsDTtk9kVOy",
    "modifiedOn": "2022-07-07T13:26:23.180Z"
  }
]
}

```

Example response 2

```

{
  "processingTime": 7788,
  "offset": 0,
  "limit": 50,
  "totalCount": 1,
  "objects": [

```

```

{
  "id": "0537c392-a359-4cdc-8989-1d88eeeldddb",
  "refId": "78901",
  "name": "08/09 J-SOX Reports",
  "description": "The collection of J-SOX reports from 2008-09.",
  "category":
    {
      "id": "5e056b9b-d2d1-4b33-a38b-3d8255cde7c0",
      "name": "cat05",
      "description": "desc",
      "refId": "16",
      "status": "ACTIVE",
      "effectiveStatus": "ACTIVE"
    },
  "usageContexts": null,
  "status": "PUBLISHED",
  "dataOwners": [],
  "technicalOwners": [],
  "customFields": [
    {
      "name": "com.infa.odin.models.custom.ca_3184028726397751640",
      "value": "2023-09-05",
      "values": null
    },
    {
      "name": "com.infa.odin.models.custom.ca_3068304325528979652",
      "value": null,
      "values": [
        {
          "Apache CloduStack",
          "Microsoft Azure"
        }
      ],
      "name":
        "com.infa.odin.models.custom.ca_8610145587620226269",
      "value": "Reticulum",
      "values": null
    },
    {
      "name":
        "com.infa.odin.models.custom.ca_6928840635020975219",
      "value": "45.6",
      "values": null
    },
    {
      "name":
        "com.infa.odin.models.custom.ca_5588843841075376340",
      "value": "LXMF",
      "values": null
    },
    {
      "name":
        "com.infa.odin.models.custom.ca_7907323524500803261",
      "value": "Secure Data Transfer",
      "values": null
    },
    {
      "name":
        "com.infa.odin.models.custom.ca_1535512762047882544",
      "value": "10",
      "values": null
    },
    {
      "name":
        "com.infa.odin.models.custom.ca_1007408542741800522",
      "value": "false",
      "values": null
    },
    {
      "name":

```

```

"com.infa.odin.models.custom.ca_7821688086685433570",
    "value": "false",
    "values": null
  }
],
"createdBy": "8lgIca73QzfdX7xzhZnOQa",
"createdOn": "2023-09-11T05: 40: 34.460Z",
"modifiedBy": "8lgIca73QzfdX7xzhZnOQa",
"modifiedOn": "2023-09-11T05: 40: 34.460Z"
}
]
}

```

The following table describes the parameters of each data collection that is retrieved:

Parameter	Description
processingTime	The time taken (in milliseconds) to complete the API call.
offset	The starting index for the paginated results. Default value is 0.
limit	The maximum number of results. Default value is 50.
totalCount	Total count of records that match the applied filters.
objects	This parameter contains the data collection details.
id	The system generated unique identifier of the data collection.
refId	Reference identifier of the data collection.
name	Name of the data collection.
description	Description of the data collection.
category	This parameter contains details on the category that contains the data collection.
category > id	The system generated unique identifier of the category.
category > name	Name of the category.
category > description	Description of the category.
category > status	The status of the category, as configured by the Category Owner.
category > effectiveStatus	The effective status informs you of whether or not the category is available to Data Owners. - If the effective status is ACTIVE , the category is available to Data Owners. - If the effective status is INACTIVE , the category is not available to Data Owners.
usageContexts > id	The system generated unique identifier of the usage type that is used to specify the certified use of the data collection.
usageContexts > name	Name of the usage type.

Parameter	Description
usageContexts > description	Description of the usage type.
usageContexts > color	The hexadecimal value that represents the color indicator of the usage type. Assigning a unique color indicator allows Data Marketplace users to identify a usage type easily.
usageContexts > status	The status informs you of whether or not the usage type is available to Data Owners. - If the status is ACTIVE, the usage type is available to Data Owners. - If the status is INACTIVE, the usage type is not available to Data Owners.
status	The status informs you of whether or not the data collection is available to Data Users. - If the status is PUBLISHED, the data collection is available to Data Users. - If the status is UNPUBLISHED, the data collection is not available to Data Users.
dataOwners	This parameter contains details on the data collection's Data Owners.
dataOwners > displayName	Name of the Data Owner.
dataOwners > id	The system generated unique identifier of the Data Owner user account.
dataOwners > name	Username of the Data Owner user account.
dataOwners > email	Email address of the Data Owner.
dataOwners > phone	Contact number of the Data Owner.
dataOwners > status	The status informs you of whether the user account of the Data Owner is active. - If the status is ACTIVE, the Data Owner user account is active. - If the status is INACTIVE, the Data Owner user account is not active.
dataOwners > userInfo	Details retrieved from the Data Owner's My Data page.
dataOwners > isGroup	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is true, the user account is part of a group - If the parameter value is false, the user account isn't part of a group
technicalOwners	This parameter contains details on the data collection's Technical Owners.
technicalOwners > displayName	Name of the Technical Owner.
technicalOwners > id	The system generated unique identifier of the Technical Owner user account.
technicalOwners > name	Username of the Technical Owner user account.
technicalOwners > email	Email address of the Technical Owner.
technicalOwners > phone	Contact number of the Technical Owner.

Parameter	Description
technicalOwners > status	The status informs you of whether or not the user account of the Technical Owner is active. - If the status is <code>ACTIVE</code>, the Technical Owner user account is active. - If the status is <code>INACTIVE</code>, the Technical Owner user account is not active.
technicalOwners > userInfo	Details retrieved from the Technical Owner's My Data page.
technicalOwners > isGroup	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is <code>true</code>, the user account is part of a group - If the parameter value is <code>false</code>, the user account isn't part of a group
customFields	The values entered in the custom fields, as specified by the Data Owner. Custom fields are additional properties for Data Marketplace objects that are defined by your Administrator in Metadata Command Center. For more information about custom fields, see the <i>Create custom fields for objects</i> topic in the <i>Set Up Data Marketplace</i> help.
customFields > name	The system generated unique identifier of the custom field. For more information about how you can retrieve the custom field name as it appears on the Data Marketplace interface, see "Retrieve custom fields" on page 240 .
customFields > value	The custom field value. This parameter can have only a single value.
customFields > values	The custom field value. This parameter can have multiple values.
createdBy	The system generated unique identifier of the user account that created the data collection.
createdOn	The date when the data collection was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the data collection.
modifiedOn	The latest date when the data collection was modified.

Modify data collections

Use a REST API to modify data collections in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
id	Required. The system generated unique identifier of the data collection that you want to modify.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtm=&tab=summary</code> , the unique identifier is 25158afc-3dfb-44ef-8f3e-cec1e171d0f1.
name	Required. Name of the data collection that you want to modify.	-
description	Required. Description of the data collection that you want to modify.	-

Parameter	Description	Additional Information
refId	Optional. Reference identifier of the data collection.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
categoryId	Required. The system generated unique identifier of the category in which the data collection that you want to modify exists.	For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17. To get the unique identifier of a category from the Data Marketplace interface, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/category/view?ac=67417f72-e5ab-44f0-add9-a1e412c1ce13&dtm=_AfterEBF%20may20</code>, the unique identifier is <code>67417f72-e5ab-44f0-add9-a1e412c1ce13</code>.
usageContextIds	Optional. The system generated unique identifier of the usage type that you want to use to specify the certified use of the data collection.	For more information about how you can use an API to get the unique identifier of a usage type, see "Retrieve usage type" on page 84.
dataCollectionStatus	Required. The status informs you of whether or not the data collection is available to Data Users.	Enter one of the following values: - To make the data collection available to Data Users, enter <code>PUBLISHED</code>. - To make the data collection unavailable to Data Users, enter <code>UNPUBLISHED</code>.

Parameter	Description	Additional Information
dataOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Data Owner of the data collection.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4</code>, the unique identifier is <code>90uizkSWg0ycuu7hSNXSW4</code>.
technicalOwners	Optional. The system generated unique identifier of the user account or user group that you want to assign as the Technical Owner of the data collection.	- To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>. - To get the system generated unique identifier of a user group, navigate to My Services > Administrator > User Groups. On the User Groups page, click a user group. The user group page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4</code>, the unique identifier is <code>90uizkSWg0ycuu7hSNXSW4</code>.
customFields	You can use custom fields to specify additional information about the data collection.	Whether you must enter a value or not enter a value in a custom field is determined by how the custom field was defined by your Administrator in Metadata Command Center. Custom fields are additional properties for Data Marketplace objects that are defined by your Administrator in Metadata Command Center. For more information about custom fields, see the <i>Create custom fields for objects</i> topic in the <i>Set Up Data Marketplace</i> help.

Parameter	Description	Additional Information
customFields > name	The system generated unique identifier of the custom field.	For more information about how you can retrieve the system generated unique identifier of a custom field, see "Retrieve custom fields" on page 240.
customFields > value	The custom field value.	This parameter can have only a single value.
customFields > values	The custom field value.	This parameter can have multiple values.

Example request

The following example shows how you can use an API to modify a data collection:

```
{
  "items": [
    {
      "id": "15100e3a-0c89-42c7-afcl-9ed0f13766a4",
      "name": "07/08 J-SOX Reports",
      "description": "The collection of J-SOX reports from 2007-08.",
      "refId": "123467",
      "categoryId": "2d0a40a4-a511-4d64-915b-d700d6441efe",
      "usageContextIds": [
        "c607b766-1e04-4892-a105-3ef2826461c9"
      ],
      "dataCollectionStatus": "PUBLISHED",
      "dataOwners": [
        "48WAXPi970Jkn9p2PCoJCb"
      ],
      "technicalOwners": [
        "6WEXNvGf1Mpj9BITKmPMeg"
      ],
      "customFields": [
        {
          "name": "com.infa.odin.models.custom.ca_7821688086685433570",
          "value": true
        },
        {
          "name": "com.infa.odin.models.custom.ca_3184028726397751640",
          "value": "2023-09-05"
        },
        {
          "name": "com.infa.odin.models.custom.ca_6928840635020975219",
          "value": 45.6
        },
        {
          "name": "com.infa.odin.models.custom.ca_7907323524500803261",
          "value": "Secure Data Transfer"
        },
        {
          "name": "com.infa.odin.models.custom.ca_1535512762047882544",
          "value": 10
        },
        {
          "name": "com.infa.odin.models.custom.ca_8610145587620226269",
          "value": "Reticulum"
        },
        {
          "name": "com.infa.odin.models.custom.ca_5588843841075376340",
          "value": "LXMF"
        },
        {
          "name": "com.infa.odin.models.custom.ca_1007408542741800522",

```

```

        "value": true
      },
      {
        "name": "com.infa.odin.models.custom.ca_3068304325528979652",
        "values": [
          "Apache CloduStack",
          "Microsoft Azure",
          "Amazon Web Services"
        ]
      }
    ]
  }
}

```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to modify a data collection:

```

{
  "processingTime": 30149,
  "objects":
    [
      {
        "index": 0,
        "id": "15100e3a-0c89-42c7-afcl-9ed0f13766a4",
        "refId": "123467",
        "name": "07/08 J-SOX Reports"
      }
    ],
  "errors": null
}

```

The following table describes the parameters of each data collection that is modified:

Parameter	Description
index	The position of the data collection in the <code>objects</code> JSON array. This value does not impact how the data collection is used by a Data Marketplace user.
id	The system generated unique identifier of the data collection.
refId	The reference identifier of the data collection.
name	Name of the data collection.

Delete data collections

Use a REST API to delete data collections in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections/<id> <id>: Required. Enter the system generated unique identifier of the data collection that you want to delete. For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127. To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code>, the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code>.
Method	DELETE

Note:

- If the data collection that you want to delete is linked to another collection, this link is removed when you delete the data collection. In this scenario, the other collection that was linked does not get deleted.
- You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to delete a data collection:

```
https://{CDMP_URL}/api/v1/integration/dataCollections/d2313aed-330e-44a0-bcfa-380ee4a95a62
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the data collection is deleted successfully:

```
204 OK code
```

Add or remove data assets from data collections

Use a REST API to add a data asset to a data collection or to remove a data asset from a data collection.

Before you make the API call, ensure that the data collection already exists in Data Marketplace, and the data asset already exist in either Data Marketplace or Data Governance and Catalog.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections/dataAssets
Method	PUT

Note:

- The number of data assets that you can add per API call depends on the cloud provider the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of data assets that you can add per API call on each cloud provider:

Cloud provider	Number of data assets
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
<code>dataCollectionId</code>	Required. The system generated unique identifier of the data collection to which you want to add a data asset or from which you want to remove a data asset.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127. To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code>, the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code>.
<code>assetId</code>	Required. The system generated unique identifier of the data asset that you want to add to a data collection or remove from a data collection.	For more information about how you can use an API to get the unique identifier of a Data Marketplace data asset, see "Retrieve data assets" on page 113. To get the unique identifier of a data asset from the Data Marketplace interface, open the data asset. The data asset page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/dataAsset/8c4c2089-6c7e-4696-a8f6-44f87639d65c?dtn=Table_Profiling_AK_1676302415587&tab=dataElements</code>, the unique identifier is <code>8c4c2089-6c7e-4696-a8f6-44f87639d65c</code>. For more information about how you can use an API to get the unique identifier of a Data Governance and Catalog asset, see the Data Governance and Catalog help. When you add a Data Governance and Catalog asset to a data collection, the Overview page of the asset in Data Governance and Catalog indicates that the asset is published to Data Marketplace. Additionally, you can view in Data Governance and Catalog the details of the data collection to which the asset was added.
<code>operation</code>	Required. The action that you want to perform.	Enter one of the following values: - To add a data asset to a data collection, enter <code>ADD</code>. - To remove a data asset from a data collection, enter <code>REMOVE</code>.

Example request

The following example shows how you can use an API to add a data asset to a data collection::

```
[  
  {
```

```
"dataCollectionId": "3c4c3349-6aac-4235-95e0-11b62a9dabcd",
"dataAssets": [
  {
    "assetId": "7f4227e2-93ad-4881-adb4-2be5842def09",
    "operation": "ADD"
  }
]
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the request query based on the parameters you had mapped with values.

If the data asset is successfully added or removed, the following response is displayed:

```
204 OK code
```

Add or remove terms of use from data collections

Use a REST API to add terms of use to a data collection or to remove terms of use from a data collection.

Before you make the API call, ensure that the data collection and the terms of use already exist in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections/termsOfUse
Method	PUT

Note:

- The number of terms of use that you can add per API call depends on the cloud provider the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of terms of use that you can add per API call on each cloud provider:

Cloud provider	Number of terms of use
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
<code>dataCollectionId</code>	Required. The system generated unique identifier of the data collection to which you want to add the terms of use or from which you want to remove terms of use.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code> , the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code> .
<code>termsOfUse > termsOfUseId</code>	Required. The system generated unique identifier of the terms of use that you want to add to a data collection or remove from a data collection.	For more information about how you can use an API to get the unique identifier of a terms of use, see "Retrieve terms of use" on page 73 .
<code>termsOfUse > operation</code>	Required. The action that you want to perform.	Enter one of the following values: - To add terms of use to a data collection, enter <code>ADD</code>. - To remove terms of use from a data collection, enter <code>REMOVE</code>.

Example request

The following example shows how you can use an API to add terms of use to a data collection:

```
[
  {
    "dataCollectionId": "599fec17-915c-43ec-91fd-b0078fd4d31d",
    "termsOfUse": [
      {
        "termsOfUseId": "5f4d503b-0fd2-4127-bb66-5c48252d19af",
        "operation": "ADD"
      }
    ]
  }
]
```

Response

When you pass the API payload in the REST client, the client displays a response for the request query based on the parameters you had mapped with values.

If the terms of use is successfully added or removed, the following response is displayed:

```
204 OK code
```

Retrieve the data assets of a data collection

Use a REST API to retrieve the data assets of a data collection.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections/<dataCollectionId>/dataAssets <dataCollectionId>: Required. Enter the system generated unique identifier of the data collection for which you want to retrieve the data assets. For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtm=&tab=summary</code> , the unique identifier is 25158afc-3dfb-44ef-8f3e-cec1e171d0f1.
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API call to retrieve the data assets of a data collection:

```
https://{{CDMP_URL}}/api/v1/integration/dataCollections/794a215f-5479-4b55-8e1b-a4866ec9fe82/dataAssets
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the request query based on the data collection that you specified.

The following example shows the response of an API call to retrieve the data assets of a data collection:

```
{
  "processingTime": 212,
  "offset": 0,
  "limit": 50,
  "totalCount": 1,
  "objects": [
    {
      "name": "Accounts_Customers",
      "id": "49d4856a-90b3-3584-abd6-47db0fe9acb6",
      "refId": "DAS-191",
      "description": "Customer Information",
      "source": "CDLG",
      "descriptiveSource": "AXON",
      "type": "Table",
      "refLink": "URL://AXON",
      "assetLocation": "string",
      "assetLocationDescription": "string",
      "technicalAssetName": "string",
      "status": "DISABLED",
      "resourceReference": {
        "typeReference": "string",
        "sourceAssetId": "9u2rTIHJHpUgvriNoUUysE"
      },
      "createdBy": "7w2uGIARApUgxniNoHHWsJ",
      "createdOn": "2022-03-08T17:05:28.208Z",
      "modifiedBy": "7w2uGIARApUgxniNoHHWsJ",
      "modifiedOn": "2022-03-08T17:09:34.623Z"
    }
  ]
}
```

The following table describes the parameters of each data asset that is retrieved:

Parameter	Description
name	Name of the data asset.
id	The system generated unique identifier of the data asset.
refId	Reference identifier of the data asset.
description	Description of the data asset.
source	The source system from which the data is supplied.
descriptiveSource	The source application from which the description of the data asset is taken.
type	Type of the data asset.
refLink	The URL path of the data source.
assetLocation	The location of the data asset in the data source.
assetLocationDescription	The description of the location in the data source where the data asset is stored.
technicalAssetName	The name of the data asset, as it appears in the data source.

Parameter	Description
status	The status informs you of whether the data asset is available to Data Owners. If the status is ENABLED , the data asset is available to Data Owners. If the status is DISABLED , the data asset is not available to Data Owners.
resourceReference	The details of the data asset that was imported from Data Governance and Catalog
resourceReference > typeReference	The asset type of the asset as defined in Data Governance and Catalog.
resourceReference > sourceAssetId	The identifier of the asset in Data Governance and Catalog.
createdBy	The system generated unique identifier of the user that created the data asset.
createdOn	The date when the data asset was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the data asset.
modifiedOn	The latest date when the data asset was modified.

Retrieve the terms of use of a data collection

Use a REST API to retrieve the terms of use of a data collection.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/dataCollections/<dataCollectionId>/termsOfUse <dataCollectionId>: Required. Enter the system generated unique identifier of the data collection for which you want to retrieve the terms of use. For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code> , the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code> .
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API call to retrieve the terms of use of a data collection:

```
https://{{CDMP_URL}}/api/v1/integration/dataCollections/794a215f-5479-4b55-8e1b-a4866ec9fe82/termsOfUse
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the request query based on the data collection that you specified.

The following example shows the response of an API call to retrieve the terms of use of a data collection:

```
{
  "processingTime": 279,
  "offset": 0,
  "limit": 1,
  "totalCount": 1,
  "objects": [
    {
      "id": "7bb0bcc1-23a9-4ffc-9f39-50c7b4df91b0",
      "refId": "TOU-434",
      "name": "Retail only",
      "description": "This data is only for retail employees.",
      "type": "CONTROLLED",
      "status": "DISABLED",
      "acknowledgement": true,
      "referenceLink": null,
      "createdBy": "5tSQ0vG66z9jS0KBQkY84r",
      "createdOn": "2022-05-17T10:05:21.453Z",
      "modifiedBy": "5tSQ0vG66z9jS0KBQkY84r",
      "modifiedOn": "2022-05-17T10:06:57.433Z"
    }
  ]
}
```

The following table describes the parameters of each terms of use that is retrieved:

Parameter	Description
id	The system generated unique identifier of the terms of use.
refId	The reference identifier of the terms of use.
name	Name of the terms of use.

Parameter	Description
description	Description of the terms of use.
type	The type of the terms of use. It can be one of the following values: - ACCESSIBLE - CONTROLLED - RESTRICTED
status	The status of the terms of use. It can be one of the following values: - If the status is <code>ENABLED</code>, the terms of use is available to Data Owners. - If the status is <code>DISABLED</code>, the terms of use isn't available to Data Owners.
acknowledgement	This parameter determines whether Data Users are required to acknowledge the terms of use when they place an order. It can be one of the following values: - If the value is <code>true</code>, Data Users must acknowledge the terms of use when they place an order. - If the value is <code>false</code>, Data Users don't need to acknowledge the terms of use when they place an order.
referenceLink	The URI of the new terms of use.
createdBy	The system generated unique identifier of the user account that created the terms of use.
createdOn	The date when the terms of use was created.
modifiedBy	The system generated unique identifier of the latest user account that modified the terms of use.
modifiedOn	The latest date when the terms of use was modified.

Retrieve data collection rating

Use REST APIs to retrieve the rating of a data collection. You can use this API to retrieve the average rating of the data collection and the rating for each usage context.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/integration/collaboration/<objectId>/interactions/ratings <objectId>: Required. Enter the system generated unique identifier of the data collection whose ratings you want to retrieve. For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code> , the unique identifier is 25158afc-3dfb-44ef-8f3e-cec1e171d0f1.
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to retrieve the rating of a data collection:

```
https://{{CDMP_URL}}/api/v1/integration/collaboration/d2313aed-330e-44a0-bcfa-380ee4a95a62/interactions/ratings
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of the API call:

```
{
  "id": "d2313aed-330e-44a0-bcfa-380ee4a95a62",
  "globalRating": 4,
  "contextRatings": [
    {
      "id": "16a5e036-02d7-4c01-a5f7-c99ffca90cde",
      "averageRating": 2
    }
  ]
}
```

The following table contains the parameters in the response body:

Parameter	Description
id	The system generated unique identifier of the data collection.
globalRating	The average rating of the data collection for all the usage contexts. This parameter can have a value between 0 and 5.
contextRatings > id	The system generated unique identifier of the usage context for which a Data User has rated the data collection.
contextRatings > averageRating	The average rating of the data collection for a usage context. This parameter can have a value between 0 and 5.

CHAPTER 5

Manage requests, orders and consumer accesses

This chapter includes the following topics:

- [Data collection requests, 154](#)
- [Orders, 164](#)
- [Consumer accesses, 196](#)

Data collection requests

If a Data User cannot find a data collection that meets their requirement, they can request for the creation of a new data collection.

Retrieve data collection requests

Use a REST API to retrieve the details of data collection requests in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/requestNewDataCollections
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
requestIds	Optional. The system generated unique identifier of the data collection request.	To get the unique identifier of a data collection request, open the data collection request. The data collection request page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollectionrequest/6e5964ec-e0aa-4eac-963a-3dae0fald639?dtn=Request~9b4d</code>, the unique identifier is <code>6e5964ec-e0aa-4eac-963a-3dae0fald639</code>. To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
userIds	Optional. The system generated unique identifier of the user that requested the new data collection.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>.
status	Optional. The status of the data collection request.	Enter one of the following values: - PENDING - COMPLETED - REJECTED - CANCELLED
createdDateFrom	Optional. To find data collection requests that were created between a date range, enter the initial date when the data collection requests were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.

Parameter	Description	Additional Information
<code>createdDateTo</code>	Optional. To find data collection requests that were created between a date range, enter the latest date when the data collection requests were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
<code>modifiedDateFrom</code>	Optional. To find data collection requests that were modified between a date range, enter the initial date when the data collection requests were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
<code>modifiedDateTo</code>	Optional. To find data collection requests that were modified between a date range, enter the latest date when the data collection requests were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.
<code>referencedDataCollectionIds</code>	Optional. The system generated unique identifier of the data collection based on which the new data collection is to be created.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code> , the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code> .

Parameter	Description	Additional Information
referencedCategoryIds	Optional. The system generated unique identifier of the category in which the new data collection is to be created.	For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17 . To get the unique identifier of a category from the Data Marketplace interface, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/category/view?ac=67417f72-e5ab-44f0-add9-ale412c1ce13&dtm=AfterEBF%20may20</code> , the unique identifier is 67417f72-e5ab-44f0-add9-ale412c1ce13.
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.
sortByField	Optional. Sort by various parameters.	To sort the search results, you can enter one of the following values: - ID - JUSTIFICATION - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is <code>sortByField > MODIFIED_ON</code> .
sort	Optional. Set the sorting order of the search results.	You can sort the search results in the following order: - To sort the search results by ascending order, enter <code>ASC</code>. - To sort the search results by descending order, enter <code>DESC</code>. Default value is <code>DESC</code> .

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of a data collection request:

```
https://{{CDMP_URL}}/api/v1/integration/requestNewDataCollections?
requestIds=407225ad-7870-4678-8169-43829d80c4bc&sortByField=STATUS&sort=DESC
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of a data collection request:

```
{
  "processingTime": 486,
  "offset": 0,
  "limit": 50,
  "totalCount": 1,
  "objects": [
    {
      "id": "407225ad-7870-4678-8169-43829d80c4bc",
      "refId": "d90574a4-417d-4c34-b9f1-4f2da5fc997a",
      "justification": "None of the data collections contain retail information specific
to the EMEA region.",
      "costCenter": "Retail-2007IQ",
      "referencedCategory": {
        "id": "ad90417f-28bf-44ea-8204-127d70a4a7c9",
        "name": "Retail",
        "description": "This category contains information on the operational data of
retail outlets.",
        "refId": "d00be828-d47c-4e9f-a65f-502ba6b633f9",
        "status": "ACTIVE",
        "effectiveStatus": "ACTIVE"
      },
      "referencedDataCollection": {},
      "createdDataCollection": {},
      "usageContext": {},
      "status": "PENDING",
      "createdBy": {
        "displayName": "John Doe",
        "id": "8npzPxKim0XjHE4es2gkAc",
        "name": "John Doe",
        "email": "jdoe@informatica.com",
        "phone": "2020202020",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
      },
      "createdOn": "2022-09-15T17:04:29.382Z",
      "modifiedBy": {
        "displayName": "John Doe",
        "id": "8npzPxKim0XjHE4es2gkAc",
        "name": "John Doe",
        "email": "jdoe@informatica.com",
        "phone": "2020202020",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
      },
      "modifiedOn": "2022-09-15T17:04:29.382Z"
    }
  ]
}
```

The following table describes the parameters of each data collection request that is retrieved:

Parameter	Description
offset	Start index for paginated results. Note: By default, offset is 0.
limit	Maximum number of results. Note: By default, limit is 50
totalCount	Total count of records matching the given filters.
id	The system generated unique identifier of the data collection request.

Parameter	Description
refId	The reference identifier of the data collection request.
justification	The business justification that was entered by the requestor of the new data collection.
costCenter	The cost center of the requestor of the new data collection.
referencedCategory	The details of the category in which the new data collection is to be created.
referencedCategory > id	The system generated unique identifier of the category in which the new data collection is to be created.
referencedCategory > name	The name of the category in which the new data collection is to be created.
referencedCategory > description	The description of the category in which the new data collection is to be created.
referencedCategory > refId	The reference identifier of the category in which the new data collection is to be created.
referencedCategory > status	The status of the category, as configured by the Category Owner.
referencedCategory > effectiveStatus	The effective status of the category in which the new data collection is to be created.
referencedDataCollection	The details of the data collection based on which the new data collection is to be created.
createdDataCollection	The details of the new data collection that is created in response to the data collection request.
usageContext	The details of the usage context entered by the requestor of the new data collection.
status	Status of the data collection request.
createdBy	The details of the user account that requested a new data collection.
createdOn	The date when the data collection request was created.
modifiedBy	The details of the latest user account that modified the data collection request.
modifiedOn	The latest date when the data collection request was modified.

Reject data collection requests

Use a REST API to reject a request for a new data collection in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/requestNewDataCollections/<Id>/reject <Id>: Required. Enter the identifier of the data collection request that you want to reject. For more information about how you can use an API to get the unique identifier of a data collection request, see “Retrieve data collection requests” on page 154 . To get the unique identifier of a data collection request from the Data Marketplace interface, open the data collection request. The data collection request page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/datacollectionrequest/6e5964ec-e0aa-4eac-963a-3dae0fa1d639?dtn=Request~9b4d</code> , the unique identifier is <code>6e5964ec-e0aa-4eac-963a-3dae0fa1d639</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
comment	Optional. Enter a comment about the action taken.

Note: The API has no payload.

Example request

The following example shows how you can use an API to reject a data collection request:

```
https://{CDMP_URL}/api/v1/integration/requestNewDataCollections/d2313aed-330e-44a0-bcfa-380ee4a95a62/reject?comment=Reject%20DCR
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the data collection request is rejected successfully:

```
204 OK code
```

Fulfill data collection requests

Use a REST API to fulfill a request for a new data collection in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/requestNewDataCollections/<Id>/fulfill <Id> : Required. Enter the identifier of the data collection request that you want to fulfill. For more information about how you can use an API to get the unique identifier of a data collection request, see "Retrieve data collection requests" on page 154 . To get the unique identifier of a data collection request from the Data Marketplace interface, open the data collection request. The data collection request page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/datacollectionrequest/6e5964ec-e0aa-4eac-963a-3dae0fa1d639?dtn=Request~9b4d</code> , the unique identifier is <code>6e5964ec-e0aa-4eac-963a-3dae0fa1d639</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
<code>dataCollectionId</code>	Required. The system generated unique identifier of the new data collection that is created in response to the data collection request.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code> , the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code> .
<code>comment</code>	Optional. Enter a comment about the action taken.	-
<code>costCenter</code>	Optional. The cost center of the user that requested the new data collection.	If the requestor entered an incorrect or an invalid cost center, you can enter the correct cost center.

Note: The API has no payload.

Example request

The following example shows how you can use an API to fulfill data collection requests:

```
https://{CDMP_URL}/api/v1/integration/requestNewDataCollections/b9992251-  
e69d-4fdf-9bc1-f1e19f6c908a/fulfill?  
dataCollectionId=7c0198bb-7577-4791-822a-6a5c62ceff4c&comment=Fulfill  
%20DCR&costCenter=FulfillDCRCostCenter
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the data collection request is fulfilled successfully:

```
204 OK code
```

Cancel data collection requests

Use a REST API to cancel a request for a new data collection in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/requestNewDataCollections/<Id>/cancel <Id>: Required. Enter the identifier of the data collection request that you want to cancel. For more information about how you can use an API to get the unique identifier of a data collection request, see "Retrieve data collection requests" on page 154 . To get the unique identifier of a data collection request from the Data Marketplace interface, open the data collection request. The data collection request page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/datacollectionrequest/6e5964ec-e0aa-4eac-963a-3dae0fa1d639?dtn=Request~9b4d</code> , the unique identifier is <code>6e5964ec-e0aa-4eac-963a-3dae0fa1d639</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
comment	Optional. Enter a comment about the action taken.

Note: The API has no payload.

Example request

The following example shows how you can use an API to cancel a data collection request:

```
https://{CDMP_URL}/api/v1/integration/requestNewDataCollections/d2313aed-330e-44a0-bcfa-380ee4a95a62/cancel?comment=Cancel%20DCR
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the data collection request is cancelled successfully:

```
204 OK code
```

Delete data collection requests

If you submitted a data collection request accidentally or if a data collection request is obsolete, you can use a REST API to delete the request.

Note: If a data collection is created in response to a data collection request, you cannot use this API to delete the completed request.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/requestNewDataCollections/<Id> <Id>: Required. Enter the identifier of the data collection request that you want to delete. For more information about how you can use an API to get the unique identifier of a data collection request, see "Retrieve data collection requests" on page 154. To get the unique identifier of a data collection request from the Data Marketplace interface, open the data collection request. The data collection request page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/datacollectionrequest/6e5964ec-e0aa-4eac-963a-3dae0fa1d639?dtn=Request~9b4d</code>, the unique identifier is <code>6e5964ec-e0aa-4eac-963a-3dae0fa1d639</code>.
Method	DELETE

Note: You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to delete a data collection request:

```
https://{CDMP_URL}/api/v1/integration/requestNewDataCollections/d2313aed-330e-44a0-bcfa-380ee4a95a62
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the data collection request is deleted successfully:

204 OK code

Orders

An order is a request made by a Data User to gain access to a data collection. A Data User's order is reviewed by the Data Owner of the data collection. If the Data Owner approves the order, the Technical Owner delivers the data to the Data User.

Retrieve orders

Use REST APIs to retrieve the details of orders in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/orders/
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
orderIds	Optional. The system generated unique identifier of a order.	To get the unique identifier of a order, open the order. The order page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/order/3d48daf6-5e75-4e1a-848c-b6821fc33f74?dtn=Order~579b</code>, the unique identifier is <code>3d48daf6-5e75-4e1a-848c-b6821fc33f74</code>. To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
dataCollectionIds	Optional. The system generated unique identifier of the ordered data collection.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127. To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code>, the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code>.
ordersCreatedBy	Optional. The system generated unique identifier of the user accounts of the Data Users that placed the order.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>.

Parameter	Description	Additional Information
collectionDataOwners	Optional. The system generated unique identifier of the user accounts of the Data Owners of the ordered data collection.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>.
collectionTechOwners	Optional. The system generated unique identifier of the user accounts of the collection's Technical Owners.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users. On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code>, the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code>.
status	Optional. The status of the order.	Enter one of the following values: - If the value is <code>APPROVED</code>, the Data Owner approved the order, the Technical Owner must deliver the data to the Data User. - If the value is <code>REJECTED</code>, the Data Owner rejected the order. - If the value is <code>COMPLETE</code>, the data is delivered to the Data User. - If the value is <code>CANCELLED</code>, the order is cancelled.
categoryIds	Optional. The system generated unique identifier of the category that contains the ordered data collection.	For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17. To get the unique identifier of a category from the Data Marketplace interface, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/category/view?ac=67417f72-e5ab-44f0-add9-a1e412c1ce13&dt=_AfterEBF%20may20</code>, the unique identifier is <code>67417f72-e5ab-44f0-add9-a1e412c1ce13</code>.

Parameter	Description	Additional Information
categoryOwners	Optional. The system generated unique identifier of the owners of the category that contains the ordered data collection.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users . On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code> , the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code> .
createdDateFrom	Optional. To find orders that were created between a date range, enter the initial date when the orders were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
createdDateTo	Optional. To find orders that were created between a date range, enter the latest date when the orders were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
modifiedDateFrom	Optional. To find orders that were modified between a date range, enter the initial date when the orders were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateFrom</code> parameter, ensure that you also enter a value for the <code>modifiedDateTo</code> parameter.
modifiedDateTo	Optional. To find orders that were modified between a date range, enter the latest date when the orders were modified.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>modifiedDateTo</code> parameter, ensure that you also enter a value for the <code>modifiedDateFrom</code> parameter.

Parameter	Description	Additional Information
sortByField	Optional. Sort by various parameters.	To sort the search results, you can enter one of the following values: - ID - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is MODIFIED_ON.
sort	Optional. Set the sorting order of the search results.	You can sort the search results in the following order: - To sort by ascending order, enter ASC. - To sort by descending order, enter DESC. Default value is DESC.
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve and display order details :

```
https://{CDMP_URL}/api/v1/integration/orders/?
status=APPROVED&ordersCreatedBy=User1&sortByField=MODIFIED_BY&sort=ASC
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve and display order details:

```
{
  "processingTime": 460,
  "offset": 0,
  "limit": 50,
  "totalCount": 2,
  "objects": [
    {
      "justification": "Sales analytics",
      "deliveryRequests": null,
      "requestedProvisionedTargetRef": null,
      "refId": "ORD-374",
      "dataCollections": [
        {
          "id": "908626d6-39fb-4bdd-933d-8e275240c8c3",
          "name": "DS",
          "description": "DS",
          "refId": "DCL-993",
          "category": {
            "id": "b51f8cc7-fd05-4759-a63b-342268c24e29",
```

```

"refId": "CAT-613",
"parentId": null,
"parentRefId": null,
"parent": null,
"name": "Category",
"description": "Category",
"status": "ACTIVE",
"effectiveStatus": "ACTIVE",
"hasChildCategory": false,
"hasActiveChildCategory": false,
"dataOwners": [],
"createdBy": {
  "displayName": "Johnny Doe",
  "id": "6bX1o0lH3UmbPuF0OF51kj",
  "name": "15Jul_CDMP_QE",
  "email": "jydoe@informatica.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": "true"
},
"createdOn": "2022-07-15T19:04:56.151Z",
"modifiedBy": {
  "displayName": "Johnny Doe",
  "id": "6bX1o0lH3UmbPuF0OF51kj",
  "name": "15Jul_CDMP_QE",
  "email": "jydoe@informatica.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": "true"
},
"modifiedOn": "2022-07-15T19:04:56.151Z",
},
"usageContexts": [],
"dataset": [],
"dataCollectionStatus": "PUBLISHED",
"dataOwners": [
  {
    "displayName": "Jane Doe",
    "id": "11bn0FaMvrXc0kal2bPXUX",
    "name": "Jane Doe",
    "email": "jdoe@informatica.com",
    "phone": "8758939746",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  }
],
"technicalOwners": [
  {
    "displayName": "John Doe",
    "id": "aH2O7v8jSgqeZDYHe45NAJ",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "8758939746",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  }
],
"createdBy": {
  "displayName": "User1",
  "id": "6bX1o0lH3UmbPuF0OF51kj",
  "name": "User1_name",
  "email": "ebc@xyz.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": "true"
}

```

```

    },
    "createdOn": "2022-07-15T19:46:46.866Z",
    "modifiedBy": {
      "displayName": "Johnny Doe",
      "id": "6bX1o0lH3UmbPuF00F5lkj",
      "name": "15Jul_CDMP_QE",
      "email": "jydoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": "true"
    },
    "modifiedOn": "2022-07-15T19:46:46.866Z"
  },
  "termsOfUse": [
    {
      "id": "1b6b2651-bed6-4cc6-bd41-2f1091cc07a1",
      "termsOfUseId": null,
      "termsOfUseRefId": null,
      "generalTermsOfUse": "{\"tosMessage\":\"general terms of use \"}",
      "name": "Accessible",
      "description": "This data is accessible to anyone in the organization",
      "type": "ACCESSIBLE",
      "status": "ENABLED",
      "acknowledgement": false,
      "parentId": null,
      "referenceLink": null,
      "createdOn": "2022-07-15T19:07:55.552Z"
    }
  ],
  "status": "APPROVED",
  "id": "875a5d43-6d91-473c-ac42-eb02cfe059d9",
  "usageContext": null,
  "createdBy": {
    "displayName": "Johnny Doe",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "15Jul_CDMP_QE",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "userInfo": {},
    "isGroup": "true"
  },
  "createdOn": "2022-07-15T19:47:28.598Z",
  "modifiedBy": {
    "displayName": "Johnny Doe",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "15Jul_CDMP_QE",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "userInfo": {},
    "isGroup": "true"
  },
  "modifiedOn": "2022-07-15T19:47:46.143Z"
},
{
  "justification": "Standard retail tasks.",
  "deliveryRequests": "No specification.",
  "requestedProvisionedTargetRef": null,
  "refId": "ORD-834",
  "dataCollections": [
    {
      "id": "a290034e-0362-434f-a3cc-7f659e009fae",
      "name": "Collection_TSKV1",
      "description": "Automation",
      "refId": "Collection_TSKV1",
      "category": {
        "id": "dac80150-bde3-4c8f-9129-9e56893de367",
        "refId": "CAT-173",
        "parentId": null,

```

```

    "parentRefId": null,
    "parent": null,
    "name": "Category_TSKV1",
    "description": "Automation",
    "status": "ACTIVE",
    "effectiveStatus": "ACTIVE",
    "hasChildCategory": false,
    "hasActiveChildCategory": true,
    "dataOwners": [],
    "createdBy": {
      "displayName": "John Doe",
      "id": "f400dUqjPuaiJ9KBrzOhiB",
      "name": "John Doe",
      "email": "jdoe@informatica.com",
      "phone": "0000009999999999",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": "true"
    },
    "createdOn": "2022-07-16T12:06:57.049Z",
    "modifiedBy": {
      "displayName": "John Doe",
      "id": "f400dUqjPuaiJ9KBrzOhiB",
      "name": "John Doe",
      "email": "jdoe@informatica.com",
      "phone": "0000009999999999",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": "true"
    },
    "modifiedOn": "2022-07-16T12:06:57.049Z"
  },
  "usageContexts": null,
  "dataset": null,
  "dataCollectionStatus": "PUBLISHED",
  "dataOwners": [],
  "technicalOwners": [],
  "createdBy": {
    "displayName": "User1",
    "id": "6bXlo0lH3UmbPuF0OF5lkj",
    "name": "User1_name",
    "email": "ebc@xyz.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "createdOn": "2022-07-16T12:07:04.596Z",
  "modifiedBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "modifiedOn": "2022-07-16T12:07:04.596Z"
},
"termsOfUse": [
  {
    "id": "1b6b2651-bed6-4cc6-bd41-2f1091cc07a1",
    "termsOfUseId": null,
    "termsOfUseRefId": null,
    "generalTermsOfUse": "{ \"tosMessage\": \"general terms of use \" }",
    "name": "Accessible",
    "description": "This data is accessible to anyone in the organization",
    "type": "ACCESSIBLE",

```

```

        "status": "ENABLED",
        "acknowledgement": false,
        "parentId": null,
        "referenceLink": null,
        "createdOn": "2022-07-15T19:07:55.552Z"
    }
],
"status": "APPROVED",
"id": "338a4dba-54f3-4a4b-b7d2-180c07dee68a",
"usageContext": null,
"costCenter": "ORG001-IQ",
"customFields": [
    {
        "name": "com.infa.odin.models.custom.ca_6713129624402817413",
        "value": "2023-04-19",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_4689891014995490684",
        "value": null,
        "values": ["Ferrari", "Koenigsegg", "Lamborghini"]
    },
    {
        "name": "com.infa.odin.models.custom.ca_1100233073247017453",
        "value": "Automobiles",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_6863327120603592729",
        "value": "Luxury Ride Services",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_5660854643729475562",
        "value": "true",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_1844904614209918604",
        "value": "European Manufacturers",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_1590048468319648867",
        "value": "10",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_62634611096284755",
        "value": "12.5",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_5429811987158518158",
        "value": "false",
        "values": null
    },
    {
        "name": "com.infa.odin.models.custom.ca_6366370263733010093",
        "value": "Cars",
        "values": null
    }
]
"createdBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",

```

```

        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": "true"
    },
    "createdOn": "2022-07-16T12:07:54.597Z",
    "modifiedBy": {
        "displayName": "John Doe",
        "id": "f400dUqjPuaiJ9KBrzOhIB",
        "name": "John Doe",
        "email": "jdoe@informatica.com",
        "phone": "0000009999999999",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": "true"
    },
    "modifiedOn": "2022-07-16T12:08:03.463Z"
}
]
}

```

The following table describes the parameters of each order that is retrieved:

Parameter	Description
justification	The business requirement for the order, as specified by the Data User.
deliveryRequests	The delivery information of the order.
requestedProvisionedTargetRef	The delivery target requested by the Data User. Note: If the value of the <code>requestedProvisionedTargetRef</code> parameter is <code>null</code> , the order is created without a specific delivery target but rather uses the default delivery template. For more information about how you can retrieve the details of the default delivery template, see "Retrieve delivery templates" on page 46 .
refId	The reference identifier of the order.
createdBy	The details of the user account that created the order.
createdOn	The date when the order was created.
modifiedBy	The details of the latest user account that modified the order.
modifiedOn	The date when the order was modified.
dataCollections > id	The system generated unique identifier of the ordered data collection.
dataCollections > name	Name of the ordered data collection.
dataCollections > description	Purpose of the ordered data collection.
dataCollections > refId	The reference identifier of the ordered data collection.
dataCollections > category	The details of the category that contains the ordered data collection.
dataCollections > usageContexts	The certified use of the ordered data collection.

Parameter	Description
<code>dataCollections > dataset</code>	The details of the data assets in the data collection.
<code>dataCollections > dataCollectionStatus</code>	The status of the data collection.
<code>dataCollections > dataOwners</code>	The details of the Data Owners of the ordered collection.
<code>dataCollections > technicalOwners</code>	The details of the Technical Owners of the ordered collection.
<code>dataCollections > createdBy</code>	The details of the user account that created the ordered collection.
<code>dataCollections > createdOn</code>	The date when the ordered collection was created.
<code>dataCollections > modifiedBy</code>	The details of the latest user account that modified the ordered collection.
<code>dataCollections > modifiedOn</code>	The latest date when the ordered data collection was modified.
<code>termsOfUse</code>	The details of the terms of use that apply to the ordered data collection.
<code>termsOfUse > id</code>	The system generated unique identifier of the terms of use snapshot. The terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
<code>termsOfUse > termsOfUseId</code>	The system generated unique identifier of the terms of use that apply to the ordered data collection.
<code>termsOfUse > termsOfUseRefId</code>	The reference identifier of the terms of use that apply to the ordered data collection.
<code>termsOfUse > generalTermsOfUse</code>	The details of the general terms of use that apply to the ordered data collection.
<code>termsOfUse > name</code>	Name of the terms of use that apply to the ordered data collection.
<code>termsOfUse > description</code>	Description of the terms of use that apply to the ordered data collection.
<code>termsOfUse > type</code>	The type of the terms of use that apply to the ordered data collection. It can be one of the following values: - ACCESSIBLE - CONTROLLED - RESTRICTED
<code>termsOfUse > status</code>	The status of the terms of use. It can be one of the following values: - ENABLED - DISABLED

Parameter	Description
<code>termsOfUse > acknowledgement</code>	This parameter determines whether the Data User is required to acknowledge the terms of use when they place an order. It can be one of the following values: - If the value is <code>true</code>, the user must acknowledge the terms of use when they place an order. - If the value is <code>false</code>, the user doesn't need to acknowledge the terms of use when they place an order.
<code>termsOfUse > referenceLink</code>	The URI of the resource or location where the data is stored or maintained.
<code>termsOfUse > createdOn</code>	The date when the terms of use that apply to the ordered data collection were created.
<code>status</code>	The status of the order. It can be one of the following values: - If the value is <code>APPROVED</code>, the Data Owner approved the order, the Technical Owner must deliver the data to the Data User. - If the value is <code>REJECTED</code>, the Data Owner rejected the order. - If the value is <code>COMPLETE</code>, the data is delivered to the Data User. - If the value is <code>CANCELLED</code>, the order is cancelled.
<code>id</code>	The system generated unique identifier of the order.
<code>usageContext</code>	The context within which the data is to be used, as specified by the Data User.
<code>costCenter</code>	The cost center of the Data User that placed the order.
<code>customFields</code>	The values entered in the custom fields, as specified by the Data User at the time of order. Custom fields are additional properties for Data Marketplace objects that are defined by your Administrator in Metadata Command Center. For more information about custom fields, see the <i>Create custom fields for objects</i> topic in the <i>Set Up Data Marketplace</i> help.
<code>customFields > name</code>	The system generated unique identifier of the custom field. For more information about how you can retrieve the custom field name as it appears on the Data Marketplace interface, see "Retrieve custom fields" on page 240 .
<code>customFields > value</code>	The custom field value. This parameter can have only a single value.
<code>customFields > values</code>	The custom field value. This parameter can have multiple values.

Approve orders

Use REST APIs to approve orders in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/orders/<orderId>/approve <orderId>: Required. Enter the identifier of the order that you want to approve. For more information about how you can use an API to get the unique identifier of a order, see "Retrieve orders" on page 164 . To get the unique identifier of a order from the Data Marketplace interface, open the order. The order page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}}/order/3d48daf6-5e75-4e1a-848c-b6821fc33f74?dt=Order~579b</code> , the unique identifier is <code>3d48daf6-5e75-4e1a-848c-b6821fc33f74</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
<code>comment</code>	Optional. Enter a comment about the action taken.	-
<code>costCenter</code>	Optional. Enter a cost center value.	You can use this parameter to modify the cost center that the Data User entered at the time of order.

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
customFields	The values entered in the custom fields, as specified by the Data User at the time of order.	You can use this parameter to modify the additional information that the Data User entered at the time of order. Whether you must enter a value or not enter a value in a custom field is determined by how the custom field was defined by your Administrator in Metadata Command Center. Custom fields are additional properties for Data Marketplace objects that are defined by your Administrator in Metadata Command Center. For more information about custom fields, see the <i>Create custom fields for objects</i> topic in the <i>Set Up Data Marketplace</i> help.
customFields > name	The system generated unique identifier of the custom field that is present in the order checkout form.	For more information about how you can retrieve the system generated unique identifier of a custom field, see "Retrieve custom fields" on page 240 .
customFields > value	The custom field value.	This parameter can have only a single value.
customFields > values	The custom field value.	This parameter can have multiple values.

Example request

The following example shows how you can use an API to approve an order:

Request query

```
https://{{CDMP_URL}}/api/v1/integration/orders/16e32a13-6fba-4f1a-a337-e0aee9fab4/
approve
```

Request body

```
{
  "customFields": [
    {
      "name": "com.infa.odin.models.custom.ca_6713129624402817413",
      "value": "2023-04-19"
    },
    {
      "name": "com.infa.odin.models.custom.ca_1590048468319648867",
      "value": 10
    },
    {
      "name": "com.infa.odin.models.custom.ca_5660854643729475562",
      "value": true
    },
    {
      "name": "com.infa.odin.models.custom.ca_62634611096284755",
      "value": 12.5
    },
    {
      "name": "com.infa.odin.models.custom.ca_4689891014995490684",
      "values": ["Ferrari", "Koenigsegg", "Lamborghini"]
    },
    {
      "name": "com.infa.odin.models.custom.ca_5429811987158518158",
      "value": false
    }
  ]
}
```

```

    },
    {
      "name": "com.infa.odin.models.custom.ca_1100233073247017453",
      "value": "Automobiles"
    },
    {
      "name": "com.infa.odin.models.custom.ca_1844904614209918604",
      "value": "European Manufacturers"
    },
    {
      "name": "com.infa.odin.models.custom.ca_6863327120603592729",
      "value": "Luxury Ride Services"
    }
  ]
}

```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to approve an order:

```

{
  "justification": "Justification",
  "deliveryRequests": "This order is to be approved from CAI",
  "requestedProvisionedTargetRef": "d02e28ea-6686-4954-85c7-d60c33e4e9c5",
  "refId": "ORD-693",
  "status": "APPROVED",
  "id": "16e32a13-6fba-4f1a-a337-e0aeecf9fab4",
  "createdBy": {
    "displayName": "User1",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "User1_name",
    "email": "ebc@xyz.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "createdOn": "2022-07-21T17: 17: 16.901Z",
  "modifiedBy": {
    "displayName": "User1",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "User1_name",
    "email": "ebc@xyz.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "modifiedOn": "2022-07-22T07: 47: 23.384Z",
  "costCenter": "ORG001-IQ"
}

```

The following table describes the parameters of each order that is approved:

Parameter	Description
justification	Business justification of the action taken on the order.
deliveryRequests	Total count of orders that match the filters applied.
requestedProvisionedTargetRef	The delivery target requested by the Data User. Note: If the value of the <code>requestedProvisionedTargetRef</code> parameter is <code>null</code> , the order is created without a specific delivery target but rather uses the default delivery template. For more information about how you can retrieve the details of the default delivery template, see "Retrieve delivery templates" on page 46 .
refId	The reference identifier of the order.
status	The status of the order. If the status is <code>APPROVED</code> , the API call to approve the order was successful.
id	The system generated unique identifier of the order.
createdBy > displayName	Name of the user that created the order.
createdBy > id	The reference identifier of the order creator's user account.
createdBy > name	Username of the user that created the order.
createdBy > email	Email address of the user that created the order.
createdBy > phone	Contact number of the user that created the order.
createdBy > status	The status of the user account of the user that created the order. - If the status is <code>ACTIVE</code> , the user account is active. - If the status is <code>INACTIVE</code> , the user account is not active.
createdBy > userInfo	Details retrieved from the My Data page of the user account that placed the order.
createdBy > isGroup	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is <code>true</code> , the user account is part of a group - If the parameter value is <code>false</code> , the user account isn't part of a group
createdOn	The date when the order was created.
modifiedBy > displayName	Name of the last user that modified the order.
modifiedBy > id	The reference identifier of the user account of the last user that modified the order.
modifiedBy > name	Username of the last user that modified the order.
modifiedBy > email	Email address of the last user that modified the order.
modifiedBy > phone	Contact number of the last user that modified the order.

Parameter	Description
<code>modifiedBy > status</code>	The status of the user account of the last user that modified the order. - If the status is ACTIVE , the user account is active. - If the status is INACTIVE , the user account is not active.
<code>modifiedBy > userInfo</code>	Details retrieved from the My Data page of the user account that last modified the order.
<code>modifiedBy > isGroup</code>	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is true , the user account is part of a group - If the parameter value is false , the user account isn't part of a group
<code>modifiedOn</code>	The latest date when the order was modified.
<code>costCenter</code>	The cost center of the Data User that placed the order.

Reject orders

Use REST APIs to reject orders in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/orders/<orderId>/reject</code> <code><orderId></code> : Required. Enter the identifier of the order that you want to reject. For more information about how you can use an API to get the unique identifier of a order, see "Retrieve orders" on page 164 . To get the unique identifier of a order from the Data Marketplace interface, open the order. The order page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/order/3d48daf6-5e75-4e1a-848c-b6821fc33f74?dtn=Order~579b</code> , the unique identifier is <code>3d48daf6-5e75-4e1a-848c-b6821fc33f74</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
<code>comment</code>	Optional. Enter a comment about the action taken.

Note: The API has no payload.

Example request

The following example shows how you can use an API to reject an order:

```
https://{CDMP_URL}/api/v1/integration/orders/16e32a13-6fba-4f1a-a337-e0aeecf9fab4/reject
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to reject an order:

```
{
  "justification": "Justification",
  "deliveryRequests": "This order is to be cancelled from CAI",
  "requestedProvisionedTargetRef": "d02e28ea-6686-4954-85c7-d60c33e4e9c5",
  "refId": "ORD-693",
  "status": "CANCELLED",
  "id": "ORD-693",
  "createdBy": {
    "displayName": "User1",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "User1_name",
    "email": "ebc@xyz.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "createdOn": "2022-07-21T17: 17: 16.901Z",
  "modifiedBy": {
    "displayName": "User1",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "User1_name",
    "email": "ebc@xyz.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "modifiedOn": "2022-07-22T07: 47: 23.384Z"
}
```

The following table describes the parameters of each order that is rejected:

Parameter	Description
justification	Business justification of the action taken on the order.
deliveryRequests	Total count of orders that match the filters applied.
requestedProvisionedTargetRef	The delivery target requested by the Data User. Note: If the value of the <code>requestedProvisionedTargetRef</code> parameter is <code>null</code> , the order is created without a specific delivery target but rather uses the default delivery template. For more information about how you can retrieve the details of the default delivery template, see "Retrieve delivery templates" on page 46 .
refId	The reference identifier of the order.

Parameter	Description
status	The status of the order. If the status is <code>REJECTED</code> , the API call to reject the order was successful.
id	The system generated unique identifier of the order.
createdBy > displayName	Name of the user that created the order.
createdBy > id	The reference identifier of the order creator's user account.
createdBy > name	Username of the user that created the order.
createdBy > email	Email address of the user that created the order.
createdBy > phone	Contact number of the user that created the order.
createdBy > status	The status of the user account of the user that created the order. - If the status is <code>ACTIVE</code> , the user account is active. - If the status is <code>INACTIVE</code> , the user account is not active.
createdBy > userInfo	Details retrieved from the My Data page of the user account that placed the order.
createdBy > isGroup	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is <code>true</code> , the user account is part of a group - If the parameter value is <code>false</code> , the user account isn't part of a group
createdOn	The date when the order was created.
modifiedBy > displayName	Name of the last user that modified the order.
modifiedBy > id	The reference identifier of the user account of the last user that modified the order.
modifiedBy > name	Username of the last user that modified the order.
modifiedBy > email	Email address of the last user that modified the order.
modifiedBy > phone	Contact number of the last user that modified the order.
modifiedBy > status	The status of the user account of the last user that modified the order. - If the status is <code>ACTIVE</code> , the user account is active. - If the status is <code>INACTIVE</code> , the user account is not active.
modifiedBy > userInfo	Details retrieved from the My Data page of the user account that last modified the order.
modifiedBy > isGroup	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is <code>true</code> , the user account is part of a group - If the parameter value is <code>false</code> , the user account isn't part of a group
modifiedOn	The latest date when the order was modified.

Fulfill orders

Use REST APIs to fulfill orders in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/orders/<orderId>/fulfill <orderId>: Required. Enter the identifier of the order that you want to fulfill. For more information about how you can use an API to get the unique identifier of a order, see "Retrieve orders" on page 164 . To get the unique identifier of a order from the Data Marketplace interface, open the order. The order page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/order/3d48daf6-5e75-4e1a-848c-b6821fc33f74?dtm=Order~579b</code> , the unique identifier is <code>3d48daf6-5e75-4e1a-848c-b6821fc33f74</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
deliveryTargetId	Required. The system generated unique identifier of the delivery target that you used to deliver the data.	For more information about how you can use an API to get the unique identifier of a delivery target, see "Retrieve delivery targets" on page 60 .
comment	Optional. Enter a comment about the action taken.	-
costCenter	Optional. Enter a cost center value.	You can use this parameter to modify the cost center that the Data User entered at the time of order.

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
customFields	The values entered in the custom fields, as specified by the Data User at the time of order.	You can use this parameter to modify the additional information that the Data User entered at the time of order. Whether you must enter a value or not enter a value in a custom field is determined by how the custom field was defined by your Administrator in Metadata Command Center. Custom fields are additional properties for Data Marketplace objects that are defined by your Administrator in Metadata Command Center. For more information about custom fields, see the <i>Create custom fields for objects</i> topic in the <i>Set Up Data Marketplace</i> help.
customFields > name	The system generated unique identifier of the custom field that is present in the order checkout form.	For more information about how you can retrieve the system generated unique identifier of a custom field, see "Retrieve custom fields" on page 240 .
customFields > value	The custom field value.	This parameter can have only a single value.
customFields > values	The custom field value.	This parameter can have multiple values.

Example request

The following example shows how you can use an API to fulfill an order:

Request query

```
https://{{CDMP_URL}}/api/v1/integration/orders/16e32a13-6fba-4f1a-a337-e0aee9fab4/fulfill
```

Request body

```
{
  "customFields": [
    {
      "name": "com.infa.odin.models.custom.ca_6713129624402817413",
      "value": "2023-04-19"
    },
    {
      "name": "com.infa.odin.models.custom.ca_1590048468319648867",
      "value": 10
    },
    {
      "name": "com.infa.odin.models.custom.ca_5660854643729475562",
      "value": true
    },
    {
      "name": "com.infa.odin.models.custom.ca_62634611096284755",
      "value": 12.5
    },
    {
      "name": "com.infa.odin.models.custom.ca_4689891014995490684",
      "values": ["Ferrari", "Koenigsegg", "Lamborghini"]
    },
    {
      "name": "com.infa.odin.models.custom.ca_5429811987158518158",
      "value": false
    }
  ],
}
```

```

    {
      "name": "com.infa.odin.models.custom.ca_1100233073247017453",
      "value": "Automobiles"
    },
    {
      "name": "com.infa.odin.models.custom.ca_1844904614209918604",
      "value": "European Manufacturers"
    },
    {
      "name": "com.infa.odin.models.custom.ca_6863327120603592729",
      "value": "Luxury Ride Services"
    }
  ]
}

```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to fulfill an order:

```

{
  "Result": {
    "id": "8002f8f4-99ae-4389-8588-45442fe49969",
    "refId": "ACC-756",
    "status": "AVAILABLE",
    "accessGrantedOn": "2022-07-22T08:37:41.415Z",
    "order": {
      "justification": "Sales analytics",
      "deliveryRequests": "This order is to be fulfilled from CAI",
      "requestedProvisionedTargetRef": "d02e28ea-6686-4954-85c7-d60c33e4e9c5",
      "refId": "ORD-693",
      "dataCollections": [
        {
          "id": "e40b023f-4064-4974-9705-4d510bd14b26",
          "name": "Collection - Order",
          "description": "Collection to place order on",
          "refId": "DCL-341",
          "category": {
            "id": "e979b800-91ec-4e2d-8271-53e289935d78",
            "refId": "CAT-736",
            "parentId": null,
            "parentRefId": null,
            "parent": null,
            "name": "Category with collections under it",
            "description": "Category with collections under it",
            "status": "ACTIVE",
            "effectiveStatus": "ACTIVE",
            "hasChildCategory": false,
            "hasActiveChildCategory": false,
            "dataOwners": [],
            "createdBy": {
              "displayName": "John Doe",
              "id": "f400dUqjPuaiJ9KBrzOhiB",
              "name": "John Doe",
              "email": "jdoe@informatica.com",
              "phone": "0000009999999999",
              "status": "ACTIVE",
              "userInfo": {},
              "isGroup": "true"
            },
            "createdOn": "2022-07-18T11:05:08.794Z",
            "modifiedBy": {
              "displayName": "John Doe",
              "id": "f400dUqjPuaiJ9KBrzOhiB",
              "name": "John Doe",
              "email": "jdoe@informatica.com",
              "phone": "0000009999999999"
            }
          }
        }
      ]
    }
  }
}

```

```

        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": "true"
    },
    "modifiedOn": "2022-07-18T11:05:08.794Z"
},
"usageContexts": [],
"dataset": [],
"dataCollectionStatus": "PUBLISHED",
"dataOwners": [],
"technicalOwners": [],
"createdBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
},
"createdOn": "2022-07-18T11:05:12.935Z",
"modifiedBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
},
"modifiedOn": "2022-07-18T11:05:12.935Z"
}
],
"termsOfUseSnapshots": [],
"status": "COMPLETE",
"id": "0a7341db-b5b2-4673-a5fe-c7b731d1bd5c",
"usageContext": {},
"createdBy": {
    "displayName": "Johnny Doe",
    "id": "6bX1o01H3UmbPuF00F5lkj",
    "name": "15Jul_CDMF_QE",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
},
},
"createdOn": "2022-07-22T08:34:30.288Z",
"modifiedBy": {
    "displayName": "Johnny Doe",
    "id": "6bX1o01H3UmbPuF00F5lkj",
    "name": "15Jul_CDMF_QE",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
},
"modifiedOn": "2022-07-22T08:37:46.974Z",
"costCenter": "ORG001-IQ"
},
"deliveryTarget": {
    "id": "d02e28ea-6686-4954-85c7-d60c33e4e9c5",
    "name": "XLSX over IPFS",
    "description": "An excel workbook sent over IPFS.",
    "isDefault": false,
    "status": "ACTIVE",

```

```

"physicalLocation": "AK",
"targetSystemReference": "AK",
"deliveryTemplate": {
  "id": "9bf52d89-7ade-479b-ad88-d657064e6301",
  "name": "XLSX over IPFS",
  "description": "An excel workbook sent over IPFS.",
  "isDefault": false,
  "status": "ACTIVE",
  "managedAccess": "DISABLED",
  "deliveryType": "MANUAL",
  "templateOwners": [],
  "targetSystemReference": "AK",
  "defaultPhysicalLocation": "AK",
  "deliveryMethods": null,
  "deliveryFormats": null,
  "createdBy": "6bX1o01H3UmbPuF00F51kj",
  "createdOn": "2022-07-19T12:40:50.855Z",
  "modifiedBy": "6bX1o01H3UmbPuF00F51kj",
  "modifiedOn": "2022-07-19T17:42:55.341Z"
},
"deliveryMethod": {
  "id": "f8b34c4f-bd69-4dd6-9d41-221075444abf",
  "name": "AK",
  "status": "ACTIVE",
  "createdBy": "6bX1o01H3UmbPuF00F51kj",
  "createdOn": "2022-07-19T12:40:24.123Z",
  "modifiedBy": "6bX1o01H3UmbPuF00F51kj",
  "modifiedOn": "2022-07-19T12:40:31.332Z"
},
"deliveryFormat": {
  "id": "c6fbbaa4-68f4-4005-a1fb-80bb34ec3707",
  "name": "AK",
  "status": "ACTIVE",
  "createdBy": "6bX1o01H3UmbPuF00F51kj",
  "createdOn": "2022-07-19T12:39:44.926Z",
  "modifiedBy": "6bX1o01H3UmbPuF00F51kj",
  "modifiedOn": "2022-07-19T12:39:52.834Z"
},
"dataCollection": {
  "id": "e40b023f-4064-4974-9705-4d510bd14b26",
  "name": "123456789021658142310877",
  "description": "CollectionDescSkearch221658142310875",
  "refId": "DCL-341",
  "category": {},
  "usageContexts": [],
  "dataset": [],
  "dataCollectionStatus": "PUBLISHED",
  "dataOwners": [],
  "technicalOwners": [],
  "createdBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "createdOn": "2022-07-18T11:05:12.935Z",
  "modifiedBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  }
},

```

```

    "modifiedOn": "2022-07-18T11:05:12.935Z"
  },
  "createdBy": "6bX1o0lH3UmbPuF00F5lkj",
  "createdOn": "2022-07-22T08:34:08.916Z",
  "modifiedBy": "6bX1o0lH3UmbPuF00F5lkj",
  "modifiedOn": "2022-07-22T08:34:08.916Z"
},
"dataCollection": {
  "id": "e40b023f-4064-4974-9705-4d510bd14b26",
  "name": "123456789021658142310877",
  "description": "CollectionDescSkearch221658142310875",
  "refId": "DCL-341",
  "category": {
    "id": "e979b800-91ec-4e2d-8271-53e289935d78",
    "refId": "CAT-736",
    "parentId": null,
    "parentRefId": null,
    "parent": null,
    "name": "CategorySkearchName221658142307670",
    "description": "CategorySkearchDesc221658142307671",
    "status": "ACTIVE",
    "effectiveStatus": "ACTIVE",
    "hasChildCategory": false,
    "hasActiveChildCategory": false,
    "dataOwners": [],
    "createdBy": {
      "displayName": "John Doe",
      "id": "f400dUqjPuaiJ9KBrzOhiB",
      "name": "John Doe",
      "email": "jdoe@informatica.com",
      "phone": "0000009999999999",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": "true"
    },
    "createdOn": "2022-07-18T11:05:08.794Z",
    "modifiedBy": {
      "displayName": "John Doe",
      "id": "f400dUqjPuaiJ9KBrzOhiB",
      "name": "John Doe",
      "email": "jdoe@informatica.com",
      "phone": "0000009999999999",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": "true"
    },
    "modifiedOn": "2022-07-18T11:05:08.794Z"
  },
  "usageContexts": [],
  "dataset": [],
  "dataCollectionStatus": "PUBLISHED",
  "dataOwners": [],
  "technicalOwners": [],
  "createdBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
  },
  "createdOn": "2022-07-18T11:05:12.935Z",
  "modifiedBy": {
    "displayName": "John Doe",
    "id": "f400dUqjPuaiJ9KBrzOhiB",
    "name": "John Doe",
    "email": "jdoe@informatica.com",
    "phone": "0000009999999999",

```

```

        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": "true"
    },
    "modifiedOn": "2022-07-18T11:05:12.935Z"
},
"termsOfUseSnapshots": [
    {
        "id": "26c594c2-4b78-4e6b-b171-22364b4eadc8",
        "termsOfUseId": null,
        "termsOfUseRefId": null,
        "generalTermsOfUse": "{\"tosMessage\":\"General TOU Order Submission\"}",
        "name": "Accessible",
        "description": "This data is available to everyone in the organization",
        "type": "ACCESSIBLE",
        "status": "ENABLED",
        "acknowledgement": false,
        "parentId": null,
        "referenceLink": null,
        "createdOn": "2022-07-21T14:44:05.962Z"
    }
],
"consumer": {
    "displayName": "Johnny Doe",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "15Jul_CDMP_QE",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
},
"usageContext": {
    "id": "7dead27e-9d00-4a05-b286-70bef9c91402",
    "name": "uc",
    "description": null,
    "status": "ACTIVE"
},
"createdBy": {
    "displayName": "User1",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "User1_name",
    "email": "ebc@xyz.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
},
"createdOn": "2022-07-22T08:37:41.764Z",
"modifiedBy": {
    "displayName": "User1",
    "id": "6bX1o0lH3UmbPuF00F5lkj",
    "name": "User1_name",
    "email": "ebc@xyz.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": "true"
},
"modifiedOn": "2022-07-22T08:37:41.764Z"
}
}

```

The following table describes the parameters of each order that is fulfilled:

Parameter	Description
id	The system generated unique identifier of the consumer access that is created after the order is fulfilled.
refId	The referenced identifier of the consumer access that is created after the order is fulfilled.
status	The status of the consumer access that is created after the order is fulfilled.
accessGrantedOn	The date when the order was fulfilled.
order > justification	The business requirement for the order, as specified by the Data User.
order > deliveryRequests	The delivery information of the order.
order > requestedProvisionedTargetRef	The delivery target requested by the Data User. Note: If the value of the <code>requestedProvisionedTargetRef</code> parameter is <code>null</code> , the order is created without a specific delivery target but rather uses the default delivery template. For more information about how you can retrieve the details of the default delivery template, see "Retrieve delivery templates" on page 46 .
order > termsOfUseSnapshots	The terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
order > status	The status of the order. If the status is <code>COMPLETE</code> , the API call to fulfill the order was successful.
order > id	The system generated unique identifier
order > usageContext	The context within which the data is to be used, as specified by the Data User.
order > createdBy	The details of the user account that created the order.
order > createdOn	The date when the order was created.
order > modifiedBy	The details of the latest user account that modified the order.
order > modifiedOn	The date when the order was modified.
order > refId	The reference identifier of the order.
order > dataCollections > id	The system generated unique identifier of the ordered data collection.
order > dataCollections > name	Name of the ordered data collection.
order > dataCollections > description	Purpose of the ordered data collection.
order > dataCollections > refId	The reference identifier of the ordered data collection.

Parameter	Description
<code>order > dataCollections > category</code>	The details of the category that contains the ordered data collection.
<code>order > dataCollections > usageContexts</code>	The certified use of the ordered data collection.
<code>order > dataCollections > dataset</code>	The details of the data assets in the data collection.
<code>order > dataCollections > dataCollectionStatus</code>	The status of the data collection.
<code>order > dataCollections > dataOwners</code>	The details of the Data Owners of the ordered data collection.
<code>order > dataCollections > technicalOwners</code>	The details of the Technical Owners of the ordered data collection.
<code>order > dataCollections > createdBy</code>	The details of the user account that created the ordered data collection.
<code>order > dataCollections > createdOn</code>	The date when the ordered data collection was created.
<code>order > dataCollections > modifiedBy</code>	The details of the latest user account that modified the ordered data collection.
<code>order > dataCollections > modifiedOn</code>	The latest date when the ordered data collection was modified.
<code>deliveryTarget</code>	The details of the delivery target for the ordered data collection.
<code>deliveryTarget > id</code>	The system generated unique identifier of the delivery target of the ordered data collection.
<code>deliveryTarget > name</code>	Name of the delivery target of the ordered data collection.
<code>deliveryTarget > description</code>	Description of the delivery target of the ordered data collection.
<code>deliveryTarget > isDefault</code>	This parameter indicates whether the delivery target is the default delivery option for the data collection.
<code>deliveryTarget > status</code>	Status of the delivery target.
<code>deliveryTarget > physicalLocation</code>	The location where the data collection is delivered. Note: If the value of the <code>managedAccess</code> parameter is <code>ENABLED</code>, the data won't be delivered to the location that is specified in the <code>physicalLocation</code> parameter. Instead, the data will be delivered to a location that is generated at the time of order fulfillment. The generated location is unique to each order that is fulfilled using this target. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.
<code>deliveryTarget > targetSystemReference</code>	The systems for which you want to specify the data.
<code>deliveryTarget > deliveryTemplate</code>	The details of the delivery template that was used to create the delivery target.

Parameter	Description
<code>deliveryTarget > deliveryMethod</code>	The details of the delivery method specified for the delivery target.
<code>deliveryTarget > deliveryFormat</code>	The details of the delivery format specified for the delivery target.
<code>deliveryTarget > createdBy</code>	The details of the user account that created the delivery target.
<code>deliveryTarget > createdOn</code>	The date when the delivery target was created.
<code>deliveryTarget > modifiedBy</code>	The details of the latest user account that modified the delivery target.
<code>deliveryTarget > modifiedOn</code>	The latest date when the delivery target of the ordered data collection was modified.
<code>termsOfUseSnapshots</code>	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
<code>costCenter</code>	The cost center of the Data User that placed the order.
<code>consumer</code>	The details of the user account that ordered the data collection.
<code>usageContext</code>	The context within which the data is to be used, as specified by the Data User.
<code>createdBy</code>	The details of the user account that created the consumer access.
<code>createdOn</code>	The date when the consumer access was created.
<code>modifiedBy</code>	The details of the latest user account that modified the consumer access.
<code>modifiedOn</code>	The latest date when the consumer access was modified.

Cancel orders

Use REST APIs to cancel orders in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/orders/<orderId>/cancel <orderId>: Required. Enter the identifier of the order that you want to cancel. For more information about how you can use an API to get the unique identifier of a order, see "Retrieve orders" on page 164 . To get the unique identifier of a order from the Data Marketplace interface, open the order. The order page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/order/3d48daf6-5e75-4e1a-848c-b6821fc33f74?dt=Order~579b</code> , the unique identifier is <code>3d48daf6-5e75-4e1a-848c-b6821fc33f74</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
comment	Optional. Enter a comment about the action taken.

Note: The API has no payload.

Example request

The following example shows how you can use an API to cancel an order:

```
https://{CDMP_URL}/api/v1/integration/orders/16e32a13-6fba-4f1a-a337-e0aeecf9fab4/cancel
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to cancel an order:

```
{
  "justification": "Standard sales team process.",
  "deliveryRequests": "1",
  "requestedProvisionedTargetRef": "AWS",
  "refId": "947ac3d1-662e-4d3a-a421-12ee38606539-180469874bc",
  "status": "CANCELLED",
  "id": "ORD-693",
  "createdBy": {
    "displayName": "John Doe",
    "id": "User1",
    "name": "username1",
    "email": "abc@xyz.com",
    "phone": "2020202023",
    "status": "ACTIVE",
```

```

        "userInfo": {},
        "isGroup": true
    }
    "createdOn": "2022-03-20T10:50:39.251Z",
    "modifiedBy": {
        "displayName": "Jane Doe",
        "id": "User2",
        "name": "username2",
        "email": "xyz@abc.com",
        "phone": "2020202021",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
    }
    "modifiedOn": "2022-04-20T10:50:39.251Z"
}

```

The following table describes the parameters of each order that is cancelled:

Parameter	Description
justification	Business justification of the action taken on the order.
deliveryRequests	Total count of orders that match the filters applied.
requestedProvisionedTargetRef	The delivery target requested by the Data User. Note: If the value of the <code>requestedProvisionedTargetRef</code> parameter is <code>null</code> , the order is created without a specific delivery target but rather uses the default delivery template. For more information about how you can retrieve the details of the default delivery template, see "Retrieve delivery templates" on page 46 .
refId	The reference identifier of the order.
status	The status of the order. If the status is <code>CANCELLED</code> , the API call to cancel the order was successful.
id	The system generated unique identifier of the order.
createdBy > displayName	Name of the user that created the order.
createdBy > id	The reference identifier of the order creator's user account.
createdBy > name	Username of the user that created the order.
createdBy > email	Email address of the user that created the order.
createdBy > phone	Contact number of the user that created the order.
createdBy > status	The status of the user account of the user that created the order. - If the status is <code>ACTIVE</code> , the user account is active. - If the status is <code>INACTIVE</code> , the user account is not active.
createdBy > userInfo	Details retrieved from the My Data page of the user account that placed the order.
createdBy > isGroup	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is <code>true</code> , the user account is part of a group - If the parameter value is <code>false</code> , the user account isn't part of a group

Parameter	Description
createdOn	The date when the order was created.
modifiedBy > displayName	Name of the last user that modified the order.
modifiedBy > id	The reference identifier of the user account of the last user that modified the order.
modifiedBy > name	Username of the last user that modified the order.
modifiedBy > email	Email address of the last user that modified the order.
modifiedBy > phone	Contact number of the last user that modified the order.
modifiedBy > status	The status of the user account of the last user that modified the order. - If the status is ACTIVE, the user account is active. - If the status is INACTIVE, the user account is not active.
modifiedBy > userInfo	Details retrieved from the My Data page of the user account that last modified the order.
modifiedBy > isGroup	You can use this parameter to confirm whether the user account is part of a group. It can have one of the following values: - If the parameter value is true, the user account is part of a group - If the parameter value is false, the user account isn't part of a group
modifiedOn	The latest date when the order was modified.

Delete orders

If you placed an order accidentally or if an order is obsolete, you can use a REST API to delete the order.

Note: If a data collection is delivered in response to an order, you cannot use this API to delete the fulfilled order.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/orders/<orderId> <orderId>: Required. Enter the identifier of the order that you want to delete. For more information about how you can use an API to get the unique identifier of a order, see "Retrieve orders" on page 164 . To get the unique identifier of a order from the Data Marketplace interface, open the order. The order page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/order/3d48daf6-5e75-4e1a-848c-b6821fc33f74?dtn=Order~579b</code> , the unique identifier is <code>3d48daf6-5e75-4e1a-848c-b6821fc33f74</code> .
Method	DELETE

Note: You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to delete an order:

```
https://{{CDMP_URL}}/api/v1/integration/orders/16e32a13-6fba-4f1a-a337-e0aeecf9fab4
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the order is deleted successfully:

```
204 OK code
```

Consumer accesses

A consumer access is a record that indicates a Data User's access to a data collection, along with other details such as the date of delivery, details the Technical Owner that delivered the data, and the delivery option that was used for the delivery.

Create consumer accesses

Use a REST API to create a consumer access in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/consumerAccess
Method	POST

Note:

- The number of objects that you can create per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can create per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

In the body of the API payload, enter the following parameters:

Parameter	Description	Additional Information
refId	Optional. The reference identifier of the consumer access.	If you don't specify a reference identifier, Data Marketplace automatically assigns a unique value to the object. The reference identifier that Data Marketplace automatically generates contains a prefix. The Administrator can specify the prefix of the automatically generated reference identifier in Metadata Command Center. If you want to specify a reference identifier, ensure that you enter a unique value. Ensure that you don't use the prefix value that is configured in Metadata Command Center.
status	Optional. The status of the consumer access that you want to create.	Enter one of the following values: - For an active consumer access, enter <code>AVAILABLE</code> . - For a consumer access that is awaiting withdrawal, enter <code>PENDING WITHDRAW</code> . - For a consumer access that is withdrawn, enter <code>WITHDRAWN</code> . Default value is <code>AVAILABLE</code> .
dataCollectionId	Required. The system generated unique identifier of the data collection to which the Data User was granted access.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 . To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code> , the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code> .
deliveryTargetId	Required. The system generated unique identifier of the delivery target that was used to deliver the data.	For more information about how you can use an API to get the unique identifier of a delivery target, see "Retrieve delivery targets" on page 60 .

Parameter	Description	Additional Information
consumerUserId	Required. The system generated unique identifier of the user account that was granted access to the data collection.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users . On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code> , the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code> .
accessGrantedOn	Optional. The date on which the Data User was granted access to the data collection.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard.
usageContextId	Optional. The system generated unique identifier of the usage type used to specify the context in which the data is to be used, as provided by the Data User that was granted access to the collection.	For more information about how you can use an API to get the unique identifier of a usage type, see "Retrieve usage type" on page 84 .
costCenter	Optional. The cost center of the Data User that was granted access to the data collection.	-

Example request

The following example shows how you can use an API to create consumer accesses:

```
{
  "refId": "CAS710",
  "status": "WITHDRAWN",
  "dataCollectionId": "ed76133s-86vb-53rt-2914-677d73r4a7c5",
  "deliveryTargetId": "ad90417f-28bf-44ea-8204-127d70a4a7c9",
  "consumerUserId": "d00be828-d47c-4e9f-a65f-502ba6b633f9",
  "accessGrantedOn": "2022-09-15T17:04:29.382Z",
  "usageContextId": "8npzPxKim0XjHE4es2gkAc",
  "costCenter": "Retail-100IEQ"
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to create consumer accesses:

```
{
  "processingTime": 489,
  "id": "407225ad-7870-4678-8169-43829d80c4bc",
  "refId": "CAS710"
}
```

The following table describes the parameters of each consumer access that is created:

Parameter	Description
id	The system generated unique identifier of the consumer access that is created.
refId	The reference identifier of the consumer access that is created.

Retrieve consumer accesses

Use a REST API to retrieve the details of consumer accesses in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	<code>/api/v1/integration/consumerAccess</code>
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
consumerAccessIds	Optional. The system generated unique identifier of the consumer access.	To get the unique identifier of a consumer access, open the consumer access. The consumer access page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/access/e254491f-5795-49bd-be0b-385eb11d9d5a?dtn=Access~2e85</code>, the unique identifier is <code>e254491f-5795-49bd-be0b-385eb11d9d5a</code>. To enter more than one value, use the following format: <code>ids=<value1>&ids=<value2></code>
dataCollectionIds	Optional. The system generated unique identifier of the data collection to which the Data User was granted access.	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127. To get the unique identifier of a data collection from the Data Marketplace interface, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code>, the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code>.
deliveryTemplateIds	Optional. The system generated unique identifier of the delivery template that was used to deliver the data to the Data User.	For more information about how you can use an API to get the unique identifier of a delivery template, see "Retrieve delivery templates" on page 46.

Parameter	Description	Additional Information
consumerAccessCreatedBy	Optional. The system generated unique identifier of the user account that created the consumer access.	To get the system generated unique identifier of a user account, navigate to My Services > Administrator > Users . On the Users page, click a user account. The user account page's URL contains the unique identifier. For example, in the URL <code>/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT</code> , the unique identifier is <code>0LH3xBJC9A6haZ26htGZyT</code> .
createdDateFrom	Optional. To find consumer accesses that were created between a date range, enter the initial date when the consumer accesses were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateFrom</code> parameter, ensure that you also enter a value for the <code>createdDateTo</code> parameter.
createdDateTo	Optional. To find consumer accesses that were created between a date range, enter the latest date when the consumer accesses were created.	To specify a date, use the YYYY-MM-DD format. The value that you specify is automatically converted and stored in the Coordinated Universal Time (UTC) time standard. If you have specified a value for the <code>createdDateTo</code> parameter, ensure that you also enter a value for the <code>createdDateFrom</code> parameter.
status	Optional. The status of the consumer access.	Enter one of the following values: - To find the consumer accesses that are active, enter <code>AVAILABLE</code>. - To find the consumer accesses that are awaiting withdrawal, enter <code>PENDING_WITHDRAW</code>. - To find the consumer accesses that are withdrawn, <code>WITHDRAWN</code>.
sortByField	Optional. Sort by various parameters.	To sort the search results, you can enter one of the following values: - ID - STATUS - CREATED_BY - CREATED_ON - MODIFIED_BY - MODIFIED_ON Default value is <code>sortByField > MODIFIED_ON</code> .

Parameter	Description	Additional Information
sort	Optional. Set the sorting order of the search results.	You can sort the search results in the following order: - To sort by ascending order, enter ASC. - To sort by descending order, enter DESC. Default value is DESC.
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Note: The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of a consumer access:

```
https://{CDMP_URL}/api/v1/integration/consumerAccess?
consumerAccessIds=40b32fbd-538a-4369-9246-
d18b7998f011&status=AVAILABLE&sortByField=ID&sort=ASC
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the details of a consumer access:

```
{
  "processingTime": 436,
  "offset": 0,
  "limit": 50,
  "totalCount": 1,
  "objects": [
    {
      "id": "40b32fbd-538a-4369-9246-d18b7998f011",
      "refId": "ACC-131",
      "status": "AVAILABLE",
      "accessGrantedOn": "2022-09-14T13:30:36.405Z",
      "costCenter": "Retail-IQ03456",
      "order": {
        "justification": "Required for the Q3 sales reporting.",
        "deliveryRequests": null,
        "requestedProvisionedTargetRef": "b441a10a-d64d-4801-94d8-145e805001c4",
        "refId": "ORD-345",
        "dataCollections": null,
        "termsOfUseSnapshots": null,
        "status": "COMPLETE",
        "id": "b986ae59-7fc9-414c-98d7-14c7a1671023",
        "usageContext": null,
        "createdBy": {
          "displayName": "Johnny Doe",
          "id": "6k7aaGYrSOfN7Rf1PH1YU",
          "name": "23Aug_CDMQ_QE1",
          "email": "jydoe@informatica.com",
          "phone": "555-243-456",
          "status": "ACTIVE",
          "userInfo": {},
          "isGroup": true
        }
      }
    }
  ]
}
```

```

    },
    "createdOn": "2022-09-14T13:30:36.405Z",
    "modifiedBy": {
      "displayName": "Johnny Doe",
      "id": "6k7aaGYrSOsfN7RfLPH1YU",
      "name": "23Aug_CDMF_QE1",
      "email": "jydoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    },
    "modifiedOn": "2022-09-14T13:30:36.405Z",
    "costCenter": "Retail-IQ03456"
  },
  "deliveryTarget": {
    "id": "b441a10a-d64d-4801-94d8-145e805001c4",
    "name": "IPFS Delivery",
    "description": "Use this template to deliver data via IPFS.",
    "isDefault": true,
    "status": "ACTIVE",
    "physicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
    "targetSystemReference": "IPFS",
    "deliveryTemplate": {
      "id": "1c865800-86ca-4280-8cdd-89dda66c013c",
      "name": "IPFS",
      "description": "Use this template to deliver data via IPFS.",
      "color": null,
      "isDefault": true,
      "status": "ACTIVE",
      "managedAccess": "DISABLED",
      "deliveryType": "AUTOMATIC",
      "templateOwners": [
        {
          "displayName": "Johnny Doe",
          "id": "6k7aaGYrSOsfN7RfLPH1YU",
          "name": "23Aug_CDMF_QE1",
          "email": "jydoe@informatica.com",
          "phone": "555-243-456",
          "status": "ACTIVE",
          "userInfo": {},
          "isGroup": true
        }
      ]
    },
    "targetSystemReference": "IPFS",
    "defaultPhysicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
    "deliveryMethods": null,
    "deliveryFormats": null,
    "createdBy": "8npzPxKim0XjHE4es2gkAc",
    "createdOn": "2022-09-14T11:57:00.446Z",
    "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
    "modifiedOn": "2022-09-14T11:57:00.446Z"
  },
  "deliveryMethod": {
    "id": "string",
    "name": "string",
    "status": "ACTIVE",
    "createdBy": "8npzPxKim0XjHE4es2gkAc",
    "createdOn": "2022-09-14T11:57:00.446Z",
    "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
    "modifiedOn": "2022-09-14T11:57:00.446Z"
  },
  "deliveryFormat": {
    "id": "e0f8af4d-c0f0-4c02-af03-5b9b2ce43253",
    "name": "CSV",
    "status": "Deliver data as a CSV file.",
    "createdBy": "8npzPxKim0XjHE4es2gkAc",
    "createdOn": "2022-09-14T11:57:00.446Z",
    "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
    "modifiedOn": "2022-09-14T11:57:00.446Z"
  }
},

```

```

"dataCollection": {
  "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
  "name": "Retail Sales Report",
  "description": "Sales reports for the retail outlets.",
  "refId": "DCL-672",
  "category": {},
  "usageContexts": null,
  "dataset": null,
  "dataCollectionStatus": "PUBLISHED",
  "dataOwners": [],
  "technicalOwners": [],
  "createdBy": {
    "displayName": "Janet Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMp_QE1",
    "email": "jtdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "createdOn": "2022-09-14T11:57:00.446Z",
  "modifiedBy": {
    "displayName": "Janet Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMp_QE1",
    "email": "jtdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"createdBy": "8npzPxKim0XjHE4es2gkAc",
"createdOn": "2022-09-14T11:57:00.446Z",
"modifiedBy": "8npzPxKim0XjHE4es2gkAc",
"modifiedOn": "2022-09-14T11:57:00.446Z"
},
"dataCollection": {
  "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
  "name": "Retail Sales Report",
  "description": "Sales reports for the retail outlets.",
  "refId": "DCL-672",
  "category": null,
  "usageContexts": null,
  "dataset": null,
  "dataCollectionStatus": "PUBLISHED",
  "dataOwners": [
    {
      "displayName": "Janet Doe",
      "id": "6k7aaGYrSOsfN7Rf1PH1YU",
      "name": "23Aug_CDMp_QE1",
      "email": "jtdoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    }
  ],
  "technicalOwners": [
    {
      "displayName": "Johnny Doe",
      "id": "6k7aaGYrSOsfN7Rf1PH1YU",
      "name": "23Aug_CDMp_QE1",
      "email": "jydoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    }
  ]
}

```

```

    ],
    "createdBy": {
      "displayName": "Jane Doe",
      "id": "6k7aaGYrSOsfN7Rf1PH1YU",
      "name": "23Aug_CDMP_QE1",
      "email": "jdoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    },
    "createdOn": "2022-09-14T11:57:00.446Z",
    "modifiedBy": {
      "displayName": "Jane Doe",
      "id": "6k7aaGYrSOsfN7Rf1PH1YU",
      "name": "23Aug_CDMP_QE1",
      "email": "jdoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    },
    "modifiedOn": "2022-09-14T11:57:00.446Z"
  },
  "termsOfUseSnapshots": [
    {
      "id": "e37bf0c7-faf3-4902-8bcc-485d80cc8bb9",
      "termsOfUseId": null,
      "termsOfUseRefId": null,
      "generalTermsOfUse": "This data must not be accessed via unauthorized
devices.",
      "name": null,
      "description": null,
      "type": null,
      "status": null,
      "acknowledgement": null,
      "parentId": "null",
      "referenceLink": null,
      "createdOn": "2022-09-14T11:57:00.446Z"
    }
  ],
  "consumer": {
    "displayName": "John Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "usageContext": {
    "id": "9669f6ab-affc-4106-a583-48a6b580b930",
    "name": "Sales Use",
    "description": "This is for sales reporting tasks.",
    "color": null,
    "status": "ACTIVE"
  },
  "createdBy": {
    "displayName": "Jane Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "createdOn": "2022-09-14T13:30:36.726Z",
  "modifiedBy": {
    "displayName": "Jane Doe",

```

```

        "id": "6k7aaGYrSOsfN7Rf1PH1YU",
        "name": "23Aug_CDMP_QE1",
        "email": "jdoe@informatica.com",
        "phone": "555-243-456",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
    },
    "modifiedOn": "2022-09-15T13:59:40.472Z"
}
]
}

```

The following table describes the parameters of each consumer access that is retrieved:

Parameter	Description
id	The system generated unique identifier of the consumer access.
refId	The reference identifier of the consumer access.
status	The status of the consumer access. A consumer access can have the following statuses: - If the status is <code>AVAILABLE</code>, the Data User has access to the data collection. - If the status is <code>PENDING_WITHDRAW</code>, the Data Owner has requested the Technical Owner to withdraw the Data User's access to the data collection. - If the status is <code>WITHDRAWN</code>, the Data User's access is withdrawn.
accessGrantedOn	The date on which the Data User was granted access to the data collection.
costCenter	The cost center of the Data User that was granted access to the data collection.
order	The details of the order placed by the Data User that was granted access to the data collection.
order > justification	The business requirement, as provided by the Data User at the time of the order.
order > deliveryRequests	The delivery information of the order.
order > requestedProvisionedTargetRef	The delivery target requested by the Data User.
order > refId	The reference identifier of the order.
order > dataCollections	The details of the ordered data collection.
order > termsOfUseSnapshots	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
order > status	The status of the order.
order > id	The system generated unique identifier of the order.

Parameter	Description
order > usageContext	The details of the usage context, as provided by the Data User that ordered the collection.
order > createdBy	The details of the user account that ordered the data collection.
order > createdOn	The date when the order was created.
order > modifiedBy	The details of the latest user account that modified the order.
order > modifiedOn	The latest date when the order was modified.
order > costCenter	The cost center of the Data User that ordered the data collection.
deliveryTarget	The details of the delivery target that was used to deliver the data to the Data User.
deliveryTarget > id	The system generated unique identifier of the delivery target.
deliveryTarget > name	The name of the delivery target.
deliveryTarget > description	The description of the delivery target.
deliveryTarget > isDefault	This field displays whether the delivery target is the default delivery option for a data collection. - <code>true</code>, the delivery template is the default delivery option for a data collection. - <code>false</code>, the delivery template isn't the default delivery option for a data collection.
deliveryTarget > status	The status of the delivery target.
deliveryTarget > physicalLocation	The default location where the data is delivered. Note: If the value of the <code>managedAccess</code> parameter is <code>ENABLED</code> , the data won't be delivered to the location that is specified in the <code>physicalLocation</code> parameter. Instead, the data will be delivered to a location that is generated at the time of order fulfillment. The generated location is unique to each order that is fulfilled using this target. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace help</i> .
deliveryTarget > targetSystemReference	The default system where the data is delivered.
deliveryTarget > deliveryTemplate	The details of the delivery template based on which the delivery target was created.
deliveryTarget > deliveryMethod	The details of the delivery method.
deliveryTarget > deliveryFormat	The details of the delivery format.

Parameter	Description
<code>deliveryTarget > dataCollection</code>	The details of the data collection to which the delivery target is assigned.
<code>deliveryTarget > createdBy</code>	The details of the user account that created the delivery target.
<code>deliveryTarget > createdOn</code>	The date when the delivery target was created.
<code>deliveryTarget > modifiedBy</code>	The details of the latest user account that modified the delivery target.
<code>deliveryTarget > modifiedOn</code>	The latest date when the delivery target was modified.
<code>dataCollection</code>	The details of the data collection to which the Data User was granted access.
<code>dataCollection > id</code>	The system generated unique identifier of the data collection.
<code>dataCollection > name</code>	Name of the data collection.
<code>dataCollection > description</code>	Purpose of the data collection.
<code>dataCollection > refId</code>	The reference identifier of the data collection.
<code>dataCollection > category</code>	The details of the category of the data collection.
<code>dataCollection > usageContexts</code>	The details of the context in which the data in the collection can be used, as certified by the Data Owner.
<code>dataCollection > dataset</code>	The details of the data sets that the data collection contains.
<code>dataCollection > dataCollectionStatus</code>	The status of the data collection.
<code>dataCollection > dataOwners</code>	The details of the Data Owners of the data collection.
<code>dataCollection > technicalOwners</code>	The details of the Technical Owners of the data collection.
<code>dataCollection > createdBy</code>	The details of the user account that created the data collection.
<code>dataCollection > createdOn</code>	The date when the data collection was created.
<code>dataCollection > modifiedBy</code>	The details of the latest user account that modified the data collection.
<code>dataCollection > modifiedOn</code>	The latest date when the data collection was modified.
<code>termsOfUseSnapshots</code>	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.

Parameter	Description
consumer	The details of the Data User that was granted access to the data collection.
usageContext	The details of the usage context, as provided by the Data User that was granted access to the collection.
createdBy	The details of the user account that created the consumer access.
createdOn	The date when the consumer access was created.
modifiedBy	The details of the latest user account that modified the consumer access.
modifiedOn	The latest date when the consumer access was modified.

Make consumer accesses available

Use a REST API to make consumer accesses available in Data Marketplace.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/consumerAccess/<consumerAccessId>/available <consumerAccessId>: Required. Enter the identifier of the consumer access whose status you want to set to AVAILABLE. For more information about how you can use an API to get the unique identifier of a consumer access, see "Retrieve consumer accesses" on page 199. To get the unique identifier of a consumer access from the Data Marketplace interface, open the consumer access. The consumer access page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/access/e254491f-5795-49bd-be0b-385eb11d9d5a?dtn=Access~2e85</code>, the unique identifier is <code>e254491f-5795-49bd-be0b-385eb11d9d5a</code>.
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
comment	Optional. Enter a comment about the action taken.

Note: The API has no payload.

Example request

The following example shows how you can use an API to make a consumer access available:

```
https://{CDMP_URL}/api/v1/integration/consumerAccess/794a215f-5479-4b55-8e1b-a4866ec9fe82/available?comment=Request%20Granted
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to make a consumer access available:

```
{
  "id": "794a215f-5479-4b55-8e1b-a4866ec9fe82",
  "refId": "ACC-246",
  "status": "AVAILABLE",
  "accessGrantedOn": "2022-09-14T13:30:36.405Z",
  "costCenter": "Retail-IQ03456",
  "order": {
    "justification": "Required for the Q3 sales reporting.",
    "deliveryRequests": null,
    "requestedProvisionedTargetRef": "b441a10a-d64d-4801-94d8-145e805001c4",
    "refId": "ORD-337",
    "dataCollections": null,
    "termsOfUseSnapshots": null,
    "status": "COMPLETE",
    "id": "b986ae59-7fc9-414c-98d7-14c7a1671023",
    "usageContext": null,
    "createdBy": {
      "displayName": "Johnny Doe",
      "id": "6k7aaGYrSOsfN7RF1PH1YU",
      "name": "23Aug_CDMP_QE1",
      "email": "jydoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    },
    "createdOn": "2022-09-14T13:30:36.405Z",
    "modifiedBy": {
      "displayName": "Johnny Doe",
      "id": "6k7aaGYrSOsfN7RF1PH1YU",
      "name": "23Aug_CDMP_QE1",
      "email": "jydoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    },
    "modifiedOn": "2022-09-14T13:30:36.405Z",
    "costCenter": "Retail-IQ03456"
  },
  "deliveryTarget": {
    "id": "b441a10a-d64d-4801-94d8-145e805001c4",
    "name": "IPFS Delivery",
    "description": "Use this template to deliver data via IPFS.",
    "isDefault": true,
    "status": "ACTIVE",
    "physicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
    "targetSystemReference": "IPFS",
    "deliveryTemplate": {
      "id": "1c865800-86ca-4280-8cdd-89dda66c013c",
      "name": "IPFS",
      "description": "Use this template to deliver data via IPFS.",
      "color": null,
      "isDefault": true,
      "status": "ACTIVE",
    }
  }
}
```

```

"managedAccess": "DISABLED",
"deliveryType": "AUTOMATIC",
"templateOwners": [
  {
    "displayName": "Johnny Doe",
    "id": "6k7aaGYrSOfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  }
],
"targetSystemReference": "IPFS",
"defaultPhysicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
"deliveryMethods": null,
"deliveryFormats": null,
"createdBy": "8npzPxKim0XjHE4es2gkAc",
"createdOn": "2022-09-14T11:57:00.446Z",
"modifiedBy": "8npzPxKim0XjHE4es2gkAc",
"modifiedOn": "2022-09-14T11:57:00.446Z"
},
"deliveryMethod": {
  "id": "f8f8as4d-c0f0-3r11-fr04-7b7h2ce46731",
  "name": "IPFS",
  "status": "ACTIVE",
  "createdBy": "8npzPxKim0XjHE4es2gkAc",
  "createdOn": "2022-09-14T11:57:00.446Z",
  "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
  "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"deliveryFormat": {
  "id": "e0f8af4d-c0f0-4c02-af03-5b9b2ce43253",
  "name": "CSV",
  "status": "Deliver data as a CSV file.",
  "createdBy": "8npzPxKim0XjHE4es2gkAc",
  "createdOn": "2022-09-14T11:57:00.446Z",
  "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
  "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"dataCollection": {
  "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
  "name": "Retail Sales Report",
  "description": "Sales reports for the retail outlets.",
  "refId": "DCL-834",
  "category": null,
  "usageContexts": null,
  "dataset": null,
  "dataCollectionStatus": "PUBLISHED",
  "dataOwners": [],
  "technicalOwners": [],
  "createdBy": {
    "displayName": "Janet Doe",
    "id": "6k7aaGYrSOfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jtdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "createdOn": "2022-09-14T11:57:00.446Z",
  "modifiedBy": {
    "displayName": "Janet Doe",
    "id": "6k7aaGYrSOfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jtdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {}
  }
}

```

```

        "isGroup": true
    },
    "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"createdBy": "8npzPxKim0XjHE4es2gkAc",
"createdOn": "2022-09-14T11:57:00.446Z",
"modifiedBy": "8npzPxKim0XjHE4es2gkAc",
"modifiedOn": "2022-09-14T11:57:00.446Z"
},
"dataCollection": {
    "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
    "name": "Retail Sales Report",
    "description": "Sales reports for the retail outlets.",
    "refId": "DCL-834",
    "category": null,
    "usageContexts": null,
    "dataset": null,
    "dataCollectionStatus": "PUBLISHED",
    "dataOwners": [
        {
            "displayName": "Janet Doe",
            "id": "6k7aaGYrSOsfN7Rf1PH1YU",
            "name": "23Aug_CDMP_QE1",
            "email": "jtdoe@informatica.com",
            "phone": "555-243-456",
            "status": "ACTIVE",
            "userInfo": {},
            "isGroup": true
        }
    ],
    "technicalOwners": [
        {
            "displayName": "Johnny Doe",
            "id": "6k7aaGYrSOsfN7Rf1PH1YU",
            "name": "23Aug_CDMP_QE1",
            "email": "jydoe@informatica.com",
            "phone": "555-243-456",
            "status": "ACTIVE",
            "userInfo": {},
            "isGroup": true
        }
    ],
    "createdBy": {
        "displayName": "Jane Doe",
        "id": "6k7aaGYrSOsfN7Rf1PH1YU",
        "name": "23Aug_CDMP_QE1",
        "email": "jdoe@informatica.com",
        "phone": "555-243-456",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
    },
    "createdOn": "2022-09-14T11:57:00.446Z",
    "modifiedBy": {
        "displayName": "Jane Doe",
        "id": "6k7aaGYrSOsfN7Rf1PH1YU",
        "name": "23Aug_CDMP_QE1",
        "email": "jdoe@informatica.com",
        "phone": "555-243-456",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
    },
    "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"termsOfUseSnapshots": [
    {
        "id": "e37bf0c7-faf3-4902-8bcc-485d80cc8bb9",
        "termsOfUseId": null,
        "termsOfUseRefId": null,
        "generalTermsOfUse": "This data must not be accessed via unauthorized devices.",
    }
]

```

```

        "name": null,
        "description": null,
        "type": null,
        "status": null,
        "acknowledgement": null,
        "parentId": "null",
        "referenceLink": null,
        "createdOn": "2022-09-14T11:57:00.446Z"
    }
},
"consumer": {
    "displayName": "John Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
},
"usageContext": {
    "id": "9669f6ab-affc-4106-a583-48a6b580b930",
    "name": "Sales Use",
    "description": "This is for sales reporting tasks.",
    "color": null,
    "status": "ACTIVE"
},
"createdBy": {
    "displayName": "Jane Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
},
"createdOn": "2022-09-14T13:30:36.726Z",
"modifiedBy": {
    "displayName": "Jane Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
},
"modifiedOn": "2022-09-15T13:59:40.472Z"
}

```

The following table describes the parameters of each consumer access that is made available to Data Users:

Parameter	Description
id	The system generated unique identifier of the consumer access.
refId	The reference identifier of the consumer access.

Parameter	Description
status	The status of the consumer access. A consumer access can have the following statuses: - If the status is <code>AVAILABLE</code>, the Data User has access to the data collection. - If the status is <code>PENDING_WITHDRAW</code>, the Data Owner has requested the Technical Owner to withdraw the Data User's access to the data collection. - If the status is <code>WITHDRAWN</code>, the Data User's access is withdrawn.
accessGrantedOn	The date on which the Data User was granted access to the data collection.
costCenter	The cost center of the Data User that was granted access to the data collection.
order	The details of the order placed by the Data User that was granted access to the data collection.
order > justification	The business requirement, as provided by the Data User at the time of the order.
order > deliveryRequests	The delivery information of the order.
order > requestedProvisionedTargetRef	The delivery target requested by the Data User.
order > refId	The reference identifier of the order.
order > dataCollections	The details of the ordered data collection.
order > termsOfUseSnapshots	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
order > status	The status of the order.
order > id	The system generated unique identifier of the order.
order > usageContext	The details of the usage context, as provided by the Data User that ordered the collection.
order > createdBy	The details of the user account that ordered the data collection.
order > createdOn	The date when the order was created.
order > modifiedBy	The details of the latest user account that modified the order.
order > modifiedOn	The latest date when the order was modified.
order > costCenter	The cost center of the Data User that ordered the data collection.

Parameter	Description
deliveryTarget	The details of the delivery target that was used to deliver the data to the Data User.
deliveryTarget > id	The system generated unique identifier of the delivery target.
deliveryTarget > name	The name of the delivery target.
deliveryTarget > description	The description of the delivery target.
deliveryTarget > isDefault	This field displays whether the delivery target is the default delivery option for a data collection. - If the field value is set to <code>true</code>, the delivery template is the default delivery option for a data collection. - If the field value is set to <code>false</code>, the delivery template isn't the default delivery option for a data collection.
deliveryTarget > status	The status of the delivery target.
deliveryTarget > physicalLocation	The default location where the data is delivered. Note: If the value of the <code>managedAccess</code> parameter is <code>ENABLED</code>, the data won't be delivered to the location that is specified in the <code>physicalLocation</code> parameter. Instead, the data will be delivered to a location that is generated at the time of order fulfillment. The generated location is unique to each order that is fulfilled using this target. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.
deliveryTarget > targetSystemReference	The default system where the data is delivered.
deliveryTarget > deliveryTemplate	The details of the delivery template based on which the delivery target was created.
deliveryTarget > deliveryMethod	The details of the delivery method.
deliveryTarget > deliveryFormat	The details of the delivery format.
deliveryTarget > dataCollection	The details of the data collection to which the delivery target is assigned.
deliveryTarget > createdBy	The details of the user account that created the delivery target.
deliveryTarget > createdOn	The date when the delivery target was created.
deliveryTarget > modifiedBy	The details of the latest user account that modified the delivery target.
deliveryTarget > modifiedOn	The latest date when the delivery target was modified.
dataCollection	The details of the data collection to which the Data User was granted access.

Parameter	Description
<code>dataCollection > id</code>	The system generated unique identifier of the data collection.
<code>dataCollection > name</code>	Name of the data collection.
<code>dataCollection > description</code>	Purpose of the data collection.
<code>dataCollection > refId</code>	The reference identifier of the data collection.
<code>dataCollection > category</code>	The details of the category of the data collection.
<code>dataCollection > usageContexts</code>	The details of the context in which the data in the collection can be used, as certified by the Data Owner.
<code>dataCollection > dataset</code>	The details of the data sets that the data collection contains.
<code>dataCollection > dataCollectionStatus</code>	The status of the data collection.
<code>dataCollection > dataOwners</code>	The details of the Data Owners of the data collection.
<code>dataCollection > technicalOwners</code>	The details of the Technical Owners of the data collection.
<code>dataCollection > createdBy</code>	The details of the user account that created the data collection.
<code>dataCollection > createdOn</code>	The date when the data collection was created.
<code>dataCollection > modifiedBy</code>	The details of the latest user account that modified the data collection.
<code>dataCollection > modifiedOn</code>	The latest date when the data collection was modified.
<code>termsOfUseSnapshots</code>	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
<code>consumer</code>	The details of the Data User that was granted access to the data collection.
<code>usageContext</code>	The details of the usage context, as provided by the Data User that was granted access to the collection.
<code>createdBy</code>	The details of the user account that created the consumer access.
<code>createdOn</code>	The date when the consumer access was created.
<code>modifiedBy</code>	The details of the latest user account that modified the consumer access.
<code>modifiedOn</code>	The latest date when the consumer access was modified.

Submit consumer access withdrawals

Use a REST API to submit a request to withdraw a Data User's access to a data collection.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/consumerAccess/<consumerAccessId>/pending_withdraw <consumerAccessId>: Required. Enter the identifier of the consumer access for which you want to request a withdrawal. For more information about how you can use an API to get the unique identifier of a consumer access, see "Retrieve consumer accesses" on page 199 . To get the unique identifier of a consumer access from the Data Marketplace interface, open the consumer access. The consumer access page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/access/e254491f-5795-49bd-be0b-385eb11d9d5a?dt=Access~2e85</code> , the unique identifier is <code>e254491f-5795-49bd-be0b-385eb11d9d5a</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
comment	Optional. Enter a comment about the action taken.

Note: The API has no payload.

Example request

The following example shows how you can use an API to submit a withdrawal request for a consumer access:

```
https://{CDMP_URL}/api/v1/integration/consumerAccess/794a215f-5479-4b55-8e1b-a4866ec9fe82/pending_withdraw?comment=Request%20Withdraw
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to submit a withdrawal request for a consumer access:

```
{
  "id": "794a215f-5479-4b55-8e1b-a4866ec9fe82",
  "refId": "ACC-246",
  "status": "PENDING_WITHDRAW",
```

```

"accessGrantedOn": "2022-09-14T13:30:36.405Z",
"costCenter": "Retail-IQ03456",
"order": {
  "justification": "Required for the Q3 sales reporting.",
  "deliveryRequests": null,
  "requestedProvisionedTargetRef": "b441a10a-d64d-4801-94d8-145e805001c4",
  "refId": "ORD-337",
  "dataCollections": null,
  "termsOfUseSnapshots": null,
  "status": "COMPLETE",
  "id": "b986ae59-7fc9-414c-98d7-14c7a1671023",
  "usageContext": null,
  "createdBy": {
    "displayName": "Johnny Doe",
    "id": "6k7aaGYrSOfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "createdOn": "2022-09-14T13:30:36.405Z",
  "modifiedBy": {
    "displayName": "Johnny Doe",
    "id": "6k7aaGYrSOfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jydoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "modifiedOn": "2022-09-14T13:30:36.405Z",
  "costCenter": "Retail-IQ03456"
},
"deliveryTarget": {
  "id": "b441a10a-d64d-4801-94d8-145e805001c4",
  "name": "IPFS Delivery",
  "description": "Use this template to deliver data via IPFS.",
  "isDefault": true,
  "status": "ACTIVE",
  "physicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
  "targetSystemReference": "IPFS",
  "deliveryTemplate": {
    "id": "1c865800-86ca-4280-8cdd-89dda66c013c",
    "name": "IPFS",
    "description": "Use this template to deliver data via IPFS.",
    "color": null,
    "isDefault": true,
    "status": "ACTIVE",
    "managedAccess": "DISABLED",
    "deliveryType": "AUTOMATIC",
    "templateOwners": [
      {
        "displayName": "Johnny Doe",
        "id": "6k7aaGYrSOfN7Rf1PH1YU",
        "name": "23Aug_CDMP_QE1",
        "email": "jydoe@informatica.com",
        "phone": "555-243-456",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
      }
    ]
  },
  "targetSystemReference": "IPFS",
  "defaultPhysicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
  "deliveryMethods": null,
  "deliveryFormats": null,
  "createdBy": "8npzPxKim0XjHE4es2gkAc",
  "createdOn": "2022-09-14T11:57:00.446Z",

```

```

        "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
        "modifiedOn": "2022-09-14T11:57:00.446Z"
    },
    "deliveryMethod": {
        "id": "f8f8as4d-c0f0-3r11-fr04-7b7h2ce46731",
        "name": "IPFS",
        "status": "ACTIVE",
        "createdBy": "8npzPxKim0XjHE4es2gkAc",
        "createdOn": "2022-09-14T11:57:00.446Z",
        "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
        "modifiedOn": "2022-09-14T11:57:00.446Z"
    },
    "deliveryFormat": {
        "id": "e0f8af4d-c0f0-4c02-af03-5b9b2ce43253",
        "name": "CSV",
        "status": "Deliver data as a CSV file.",
        "createdBy": "8npzPxKim0XjHE4es2gkAc",
        "createdOn": "2022-09-14T11:57:00.446Z",
        "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
        "modifiedOn": "2022-09-14T11:57:00.446Z"
    },
    "dataCollection": {
        "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
        "name": "Retail Sales Report",
        "description": "Sales reports for the retail outlets.",
        "refId": "DCL-834",
        "category": null,
        "usageContexts": null,
        "dataset": null,
        "dataCollectionStatus": "PUBLISHED",
        "dataOwners": [],
        "technicalOwners": [],
        "createdBy": {
            "displayName": "Janet Doe",
            "id": "6k7aaGYrS0sfN7Rf1PH1YU",
            "name": "23Aug_CDMF_QE1",
            "email": "jtdoe@informatica.com",
            "phone": "555-243-456",
            "status": "ACTIVE",
            "userInfo": {},
            "isGroup": true
        },
        "createdOn": "2022-09-14T11:57:00.446Z",
        "modifiedBy": {
            "displayName": "Janet Doe",
            "id": "6k7aaGYrS0sfN7Rf1PH1YU",
            "name": "23Aug_CDMF_QE1",
            "email": "jtdoe@informatica.com",
            "phone": "555-243-456",
            "status": "ACTIVE",
            "userInfo": {},
            "isGroup": true
        },
        "modifiedOn": "2022-09-14T11:57:00.446Z"
    },
    "createdBy": "8npzPxKim0XjHE4es2gkAc",
    "createdOn": "2022-09-14T11:57:00.446Z",
    "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
    "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"dataCollection": {
    "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
    "name": "Retail Sales Report",
    "description": "Sales reports for the retail outlets.",
    "refId": "DCL-834",
    "category": null,
    "usageContexts": null,
    "dataset": null,
    "dataCollectionStatus": "PUBLISHED",
    "dataOwners": [
        {

```

```

        "displayName": "Janet Doe",
        "id": "6k7aaGYrSOsfN7Rf1PH1YU",
        "name": "23Aug_CDMP_QE1",
        "email": "jtdoe@informatica.com",
        "phone": "555-243-456",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
    }
},
"technicalOwners": [
    {
        "displayName": "Johnny Doe",
        "id": "6k7aaGYrSOsfN7Rf1PH1YU",
        "name": "23Aug_CDMP_QE1",
        "email": "jydoe@informatica.com",
        "phone": "555-243-456",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
    }
},
"createdBy": {
    "displayName": "Jane Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
},
"createdOn": "2022-09-14T11:57:00.446Z",
"modifiedBy": {
    "displayName": "Jane Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
},
"modifiedOn": "2022-09-14T11:57:00.446Z"
},
"termsOfUseSnapshots": [
    {
        "id": "e37bf0c7-faf3-4902-8bcc-485d80cc8bb9",
        "termsOfUseId": null,
        "termsOfUseRefId": null,
        "generalTermsOfUse": "This data must not be accessed via unauthorized devices.",
        "name": null,
        "description": null,
        "type": null,
        "status": null,
        "acknowledgement": null,
        "parentId": "null",
        "referenceLink": null,
        "createdOn": "2022-09-14T11:57:00.446Z"
    }
],
"consumer": {
    "displayName": "John Doe",
    "id": "6k7aaGYrSOsfN7Rf1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
},

```

```

"usageContext": {
  "id": "9669f6ab-affc-4106-a583-48a6b580b930",
  "name": "Sales Use",
  "description": "This is for sales reporting tasks.",
  "color": null,
  "status": "ACTIVE"
},
"createdBy": {
  "displayName": "Jane Doe",
  "id": "6k7aaGYrSOsfN7Rf1PH1YU",
  "name": "23Aug_CDMP_QE1",
  "email": "jdoe@informatica.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": true
},
"createdOn": "2022-09-14T13:30:36.726Z",
"modifiedBy": {
  "displayName": "Jane Doe",
  "id": "6k7aaGYrSOsfN7Rf1PH1YU",
  "name": "23Aug_CDMP_QE1",
  "email": "jdoe@informatica.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": true
},
"modifiedOn": "2022-09-15T13:59:40.472Z"
}

```

The following table describes the parameters of each consumer access for which a withdrawal request is submitted:

Parameter	Description
id	The system generated unique identifier of the consumer access.
refId	The reference identifier of the consumer access.
status	The status of the consumer access. A consumer access can have the following statuses: - If the status is <code>AVAILABLE</code>, the Data User has access to the data collection. - If the status is <code>PENDING_WITHDRAW</code>, the Data Owner has requested the Technical Owner to withdraw the Data User's access to the data collection. - If the status is <code>WITHDRAWN</code>, the Data User's access is withdrawn.
accessGrantedOn	The date on which the Data User was granted access to the data collection.
costCenter	The cost center of the Data User that was granted access to the data collection.
order	The details of the order placed by the Data User that was granted access to the data collection.
order > justification	The business requirement, as provided by the Data User at the time of the order.

Parameter	Description
<code>order > deliveryRequests</code>	The delivery information of the order.
<code>order > requestedProvisionedTargetRef</code>	The delivery target requested by the Data User.
<code>order > refId</code>	The reference identifier of the order.
<code>order > dataCollections</code>	The details of the ordered data collection.
<code>order > termsOfUseSnapshots</code>	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
<code>order > status</code>	The status of the order.
<code>order > id</code>	The system generated unique identifier of the order.
<code>order > usageContext</code>	The details of the usage context, as provided by the Data User that ordered the collection.
<code>order > createdBy</code>	The details of the user account that ordered the data collection.
<code>order > createdOn</code>	The date when the order was created.
<code>order > modifiedBy</code>	The details of the latest user account that modified the order.
<code>order > modifiedOn</code>	The latest date when the order was modified.
<code>order > costCenter</code>	The cost center of the Data User that ordered the data collection.
<code>deliveryTarget</code>	The details of the delivery target that was used to deliver the data to the Data User.
<code>deliveryTarget > id</code>	The system generated unique identifier of the delivery target.
<code>deliveryTarget > name</code>	The name of the delivery target.
<code>deliveryTarget > description</code>	The description of the delivery target.
<code>deliveryTarget > isDefault</code>	This field displays whether the delivery target is the default delivery option for a data collection. - If the field value is set to <code>true</code>, the delivery template is the default delivery option for a data collection. - If the field value is set to <code>false</code>, the delivery template isn't the default delivery option for a data collection.
<code>deliveryTarget > status</code>	The status of the delivery target.

Parameter	Description
<code>deliveryTarget > physicalLocation</code>	The default location where the data is delivered. Note: If the value of the <code>managedAccess</code> parameter is <code>ENABLED</code>, the data won't be delivered to the location that is specified in the <code>physicalLocation</code> parameter. Instead, the data will be delivered to a location that is generated at the time of order fulfillment. The generated location is unique to each order that is fulfilled using this target. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.
<code>deliveryTarget > targetSystemReference</code>	The default system where the data is delivered.
<code>deliveryTarget > deliveryTemplate</code>	The details of the delivery template based on which the delivery target was created.
<code>deliveryTarget > deliveryMethod</code>	The details of the delivery method.
<code>deliveryTarget > deliveryFormat</code>	The details of the delivery format.
<code>deliveryTarget > dataCollection</code>	The details of the data collection to which the delivery target is assigned.
<code>deliveryTarget > createdBy</code>	The details of the user account that created the delivery target.
<code>deliveryTarget > createdOn</code>	The date when the delivery target was created.
<code>deliveryTarget > modifiedBy</code>	The details of the latest user account that modified the delivery target.
<code>deliveryTarget > modifiedOn</code>	The latest date when the delivery target was modified.
<code>dataCollection</code>	The details of the data collection to which the Data User was granted access.
<code>dataCollection > id</code>	The system generated unique identifier of the data collection.
<code>dataCollection > name</code>	Name of the data collection.
<code>dataCollection > description</code>	Purpose of the data collection.
<code>dataCollection > refId</code>	The reference identifier of the data collection.
<code>dataCollection > category</code>	The details of the category of the data collection.
<code>dataCollection > usageContexts</code>	The details of the context in which the data in the collection can be used, as certified by the Data Owner.
<code>dataCollection > dataset</code>	The details of the data sets that the data collection contains.
<code>dataCollection > dataCollectionStatus</code>	The status of the data collection.

Parameter	Description
<code>dataCollection > dataOwners</code>	The details of the Data Owners of the data collection.
<code>dataCollection > technicalOwners</code>	The details of the Technical Owners of the data collection.
<code>dataCollection > createdBy</code>	The details of the user account that created the data collection.
<code>dataCollection > createdOn</code>	The date when the data collection was created.
<code>dataCollection > modifiedBy</code>	The details of the latest user account that modified the data collection.
<code>dataCollection > modifiedOn</code>	The latest date when the data collection was modified.
<code>termsOfUseSnapshots</code>	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
<code>consumer</code>	The details of the Data User that was granted access to the data collection.
<code>usageContext</code>	The details of the usage context, as provided by the Data User that was granted access to the collection.
<code>createdBy</code>	The details of the user account that created the consumer access.
<code>createdOn</code>	The date when the consumer access was created.
<code>modifiedBy</code>	The details of the latest user account that modified the consumer access.
<code>modifiedOn</code>	The latest date when the consumer access was modified.

Withdraw consumer accesses

Use a REST API to the withdraw a Data User's access to a data collection.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/consumerAccess/<consumerAccessId>/withdrawn <consumerAccessId>: Required. Enter the identifier of the consumer access for which you want to withdraw. For more information about how you can use an API to get the unique identifier of a consumer access, see "Retrieve consumer accesses" on page 199 . To get the unique identifier of a consumer access from the Data Marketplace interface, open the consumer access. The consumer access page's URL contains the unique identifier. For example, in the URL <code>https://{{CDMP_URL}}/access/e254491f-5795-49bd-be0b-385eb11d9d5a?dtn=Access~2e85</code> , the unique identifier is <code>e254491f-5795-49bd-be0b-385eb11d9d5a</code> .
Method	PUT

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
comment	Optional. Enter a comment about the action taken.

Note: The API has no payload.

Example request

The following example shows how you can use an API to withdraw a consumer access:

```
https://{{CDMP_URL}}/api/v1/integration/consumerAccess/794a215f-5479-4b55-8e1b-a4866ec9fe82/withdrawn?comment=Request%20Withdraw
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to withdraw a consumer access:

```
{
  "id": "794a215f-5479-4b55-8e1b-a4866ec9fe82",
  "refId": "ACC-246",
  "status": "WITHDRAWN",
  "accessGrantedOn": "2022-09-14T13:30:36.405Z",
  "costCenter": "Retail-IQ03456",
  "order": {
    "justification": "Required for the Q3 sales reporting.",
    "deliveryRequests": null,
    "requestedProvisionedTargetRef": "b441a10a-d64d-4801-94d8-145e805001c4",
    "refId": "ORD-337",
    "dataCollections": {},
  }
}
```

```

"termsOfUseSnapshots": null,
"status": "COMPLETE",
"id": "b986ae59-7fc9-414c-98d7-14c7a1671023",
"usageContext": null,
"createdBy": {
  "displayName": "Johnny Doe",
  "id": "6k7aaGYrSOsfN7Rf1PH1YU",
  "name": "23Aug_CDMP_QE1",
  "email": "jydoe@informatica.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": true
},
"createdOn": "2022-09-14T13:30:36.405Z",
"modifiedBy": {
  "displayName": "Johnny Doe",
  "id": "6k7aaGYrSOsfN7Rf1PH1YU",
  "name": "23Aug_CDMP_QE1",
  "email": "jydoe@informatica.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": true
},
"modifiedOn": "2022-09-14T13:30:36.405Z",
"costCenter": "Retail-IQ03456"
},
"deliveryTarget": {
  "id": "b441a10a-d64d-4801-94d8-145e805001c4",
  "name": "IPFS Delivery",
  "description": "Use this template to deliver data via IPFS.",
  "isDefault": true,
  "status": "ACTIVE",
  "physicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
  "targetSystemReference": "IPFS",
  "deliveryTemplate": {
    "id": "1c865800-86ca-4280-8cdd-89dda66c013c",
    "name": "IPFS",
    "description": "Use this template to deliver data via IPFS.",
    "color": null,
    "isDefault": true,
    "status": "ACTIVE",
    "managedAccess": "DISABLED",
    "deliveryType": "AUTOMATIC",
    "templateOwners": [
      {
        "displayName": "Johnny Doe",
        "id": "6k7aaGYrSOsfN7Rf1PH1YU",
        "name": "23Aug_CDMP_QE1",
        "email": "jydoe@informatica.com",
        "phone": "555-243-456",
        "status": "ACTIVE",
        "userInfo": {},
        "isGroup": true
      }
    ]
  },
  "targetSystemReference": "IPFS",
  "defaultPhysicalLocation": "ipfs://{cid}/path/to/subresource/cat.jpg",
  "deliveryMethods": null,
  "deliveryFormats": null,
  "createdBy": "8npzPxKim0XjHE4es2gkAc",
  "createdOn": "2022-09-14T11:57:00.446Z",
  "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
  "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"deliveryMethod": {
  "id": "f8f8as4d-c0f0-3r11-fr04-7b7h2ce46731",
  "name": "IPFS",
  "status": "ACTIVE",
  "createdBy": "8npzPxKim0XjHE4es2gkAc",

```

```

        "createdOn": "2022-09-14T11:57:00.446Z",
        "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
        "modifiedOn": "2022-09-14T11:57:00.446Z"
    },
    "deliveryFormat": {
        "id": "e0f8af4d-c0f0-4c02-af03-5b9b2ce43253",
        "name": "CSV",
        "status": "Deliver data as a CSV file.",
        "createdBy": "8npzPxKim0XjHE4es2gkAc",
        "createdOn": "2022-09-14T11:57:00.446Z",
        "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
        "modifiedOn": "2022-09-14T11:57:00.446Z"
    },
    "dataCollection": {
        "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
        "name": "Retail Sales Report",
        "description": "Sales reports for the retail outlets.",
        "refId": "DCL-834",
        "category": null,
        "usageContexts": null,
        "dataset": null,
        "dataCollectionStatus": "PUBLISHED",
        "dataOwners": [],
        "technicalOwners": [],
        "createdBy": {
            "displayName": "Janet Doe",
            "id": "6k7aaGYrSOsfN7Rf1PH1YU",
            "name": "23Aug_CDMP_QE1",
            "email": "jtdoe@informatica.com",
            "phone": "555-243-456",
            "status": "ACTIVE",
            "userInfo": {},
            "isGroup": true
        },
        "createdOn": "2022-09-14T11:57:00.446Z",
        "modifiedBy": {
            "displayName": "Janet Doe",
            "id": "6k7aaGYrSOsfN7Rf1PH1YU",
            "name": "23Aug_CDMP_QE1",
            "email": "jtdoe@informatica.com",
            "phone": "555-243-456",
            "status": "ACTIVE",
            "userInfo": {},
            "isGroup": true
        },
        "modifiedOn": "2022-09-14T11:57:00.446Z"
    },
    "createdBy": "8npzPxKim0XjHE4es2gkAc",
    "createdOn": "2022-09-14T11:57:00.446Z",
    "modifiedBy": "8npzPxKim0XjHE4es2gkAc",
    "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"dataCollection": {
    "id": "e1765e74-7907-4a8a-a622-3ed5532c796f",
    "name": "Retail Sales Report",
    "description": "Sales reports for the retail outlets.",
    "refId": "DCL-834",
    "category": null,
    "usageContexts": null,
    "dataset": null,
    "dataCollectionStatus": "PUBLISHED",
    "dataOwners": [
        {
            "displayName": "Janet Doe",
            "id": "6k7aaGYrSOsfN7Rf1PH1YU",
            "name": "23Aug_CDMP_QE1",
            "email": "jtdoe@informatica.com",
            "phone": "555-243-456",
            "status": "ACTIVE",
            "userInfo": {},
            "isGroup": true
        }
    ]
}

```

```

    }
  ],
  "technicalOwners": [
    {
      "displayName": "Johnny Doe",
      "id": "6k7aaGYrSOsfN7RF1PH1YU",
      "name": "23Aug_CDMP_QE1",
      "email": "jydoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    }
  ],
  "createdBy": {
    "displayName": "Jane Doe",
    "id": "6k7aaGYrSOsfN7RF1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "createdOn": "2022-09-14T11:57:00.446Z",
  "modifiedBy": {
    "displayName": "Jane Doe",
    "id": "6k7aaGYrSOsfN7RF1PH1YU",
    "name": "23Aug_CDMP_QE1",
    "email": "jdoe@informatica.com",
    "phone": "555-243-456",
    "status": "ACTIVE",
    "userInfo": {},
    "isGroup": true
  },
  "modifiedOn": "2022-09-14T11:57:00.446Z"
},
"termsOfUseSnapshots": [
  {
    "id": "e37bf0c7-faf3-4902-8bcc-485d80cc8bb9",
    "termsOfUseId": null,
    "termsOfUseRefId": null,
    "generalTermsOfUse": "This data must not be accessed via unauthorized devices.",
    "name": null,
    "description": null,
    "type": null,
    "status": null,
    "acknowledgement": null,
    "parentId": "null",
    "referenceLink": null,
    "createdOn": "2022-09-14T11:57:00.446Z"
  }
],
"consumer": {
  "displayName": "John Doe",
  "id": "6k7aaGYrSOsfN7RF1PH1YU",
  "name": "23Aug_CDMP_QE1",
  "email": "jdoe@informatica.com",
  "phone": "555-243-456",
  "status": "ACTIVE",
  "userInfo": {},
  "isGroup": true
},
"usageContext": {
  "id": "9669f6ab-affc-4106-a583-48a6b580b930",
  "name": "Sales Use",
  "description": "This is for sales reporting tasks.",
  "color": null,
  "status": "ACTIVE"
},
"createdBy": {

```

```

      "displayName": "Jane Doe",
      "id": "6k7aaGYrSOsfN7Rf1PH1YU",
      "name": "23Aug_CDMP_QE1",
      "email": "jdoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    },
    "createdOn": "2022-09-14T13:30:36.726Z",
    "modifiedBy": {
      "displayName": "Jane Doe",
      "id": "6k7aaGYrSOsfN7Rf1PH1YU",
      "name": "23Aug_CDMP_QE1",
      "email": "jdoe@informatica.com",
      "phone": "555-243-456",
      "status": "ACTIVE",
      "userInfo": {},
      "isGroup": true
    },
    "modifiedOn": "2022-09-15T13:59:40.472Z"
  }
}

```

The following table describes the parameters of each consumer access that is withdrawn:

Parameter	Description
id	The system generated unique identifier of the consumer access.
refId	The reference identifier of the consumer access.
status	The status of the consumer access. A consumer access can have the following statuses: - If the status is <code>AVAILABLE</code>, the Data User has access to the data collection. - If the status is <code>PENDING_WITHDRAW</code>, the Data Owner has requested the Technical Owner to withdraw the Data User's access to the data collection. - If the status is <code>WITHDRAWN</code>, the Data User's access is withdrawn.
accessGrantedOn	The date on which the Data User was granted access to the data collection.
costCenter	The cost center of the Data User that was granted access to the data collection.
order	The details of the order placed by the Data User that was granted access to the data collection.
order > justification	The business requirement, as provided by the Data User at the time of the order.
order > deliveryRequests	The delivery information of the order.
order > requestedProvisionedTargetRef	The delivery target requested by the Data User.
order > refId	The reference identifier of the order.
order > dataCollections	The details of the ordered data collection.

Parameter	Description
<code>order > termsOfUseSnapshots</code>	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
<code>order > status</code>	The status of the order.
<code>order > id</code>	The system generated unique identifier of the order.
<code>order > usageContext</code>	The details of the usage context, as provided by the Data User that ordered the collection.
<code>order > createdBy</code>	The details of the user account that ordered the data collection.
<code>order > createdOn</code>	The date when the order was created.
<code>order > modifiedBy</code>	The details of the latest user account that modified the order.
<code>order > modifiedOn</code>	The latest date when the order was modified.
<code>order > costCenter</code>	The cost center of the Data User that ordered the data collection.
<code>deliveryTarget</code>	The details of the delivery target that was used to deliver the data to the Data User.
<code>deliveryTarget > id</code>	The system generated unique identifier of the delivery target.
<code>deliveryTarget > name</code>	The name of the delivery target.
<code>deliveryTarget > description</code>	The description of the delivery target.
<code>deliveryTarget > isDefault</code>	This field displays whether the delivery target is the default delivery option for a data collection. - If the field value is set to <code>true</code>, the delivery template is the default delivery option for a data collection. - If the field value is set to <code>false</code>, the delivery template isn't the default delivery option for a data collection.
<code>deliveryTarget > status</code>	The status of the delivery target.
<code>deliveryTarget > physicalLocation</code>	The default location where the data is delivered. Note: If the value of the <code>managedAccess</code> parameter is <code>ENABLED</code>, the data won't be delivered to the location that is specified in the <code>physicalLocation</code> parameter. Instead, the data will be delivered to a location that is generated at the time of order fulfillment. The generated location is unique to each order that is fulfilled using this target. For more information, see the <i>Use Data Access Management to streamline the Data Marketplace order process</i> topic in the <i>Set Up Data Marketplace</i> help.

Parameter	Description
deliveryTarget > targetSystemReference	The default system where the data is delivered.
deliveryTarget > deliveryTemplate	The details of the delivery template based on which the delivery target was created.
deliveryTarget > deliveryMethod	The details of the delivery method.
deliveryTarget > deliveryFormat	The details of the delivery format.
deliveryTarget > dataCollection	The details of the data collection to which the delivery target is assigned.
deliveryTarget > createdBy	The details of the user account that created the delivery target.
deliveryTarget > createdOn	The date when the delivery target was created.
deliveryTarget > modifiedBy	The details of the latest user account that modified the delivery target.
deliveryTarget > modifiedOn	The latest date when the delivery target was modified.
dataCollection	The details of the data collection to which the Data User was granted access.
dataCollection > id	The system generated unique identifier of the data collection.
dataCollection > name	Name of the data collection.
dataCollection > description	Purpose of the data collection.
dataCollection > refId	The reference identifier of the data collection.
dataCollection > category	The details of the category of the data collection.
dataCollection > usageContexts	The details of the context in which the data in the collection can be used, as certified by the Data Owner.
dataCollection > dataset	The details of the data sets that the data collection contains.
dataCollection > dataCollectionStatus	The status of the data collection.
dataCollection > dataOwners	The details of the Data Owners of the data collection.
dataCollection > technicalOwners	The details of the Technical Owners of the data collection.
dataCollection > createdBy	The details of the user account that created the data collection.
dataCollection > createdOn	The date when the data collection was created.

Parameter	Description
<code>dataCollection > modifiedBy</code>	The details of the latest user account that modified the data collection.
<code>dataCollection > modifiedOn</code>	The latest date when the data collection was modified.
<code>termsOfUseSnapshots</code>	The details of the terms of use snapshot represents the state of the terms of use of the data collection, when the order was placed.
<code>consumer</code>	The details of the Data User that was granted access to the data collection.
<code>usageContext</code>	The details of the usage context, as provided by the Data User that was granted access to the collection.
<code>createdBy</code>	The details of the user account that created the consumer access.
<code>createdOn</code>	The date when the consumer access was created.
<code>modifiedBy</code>	The details of the latest user account that modified the consumer access.
<code>modifiedOn</code>	The latest date when the consumer access was modified.

CHAPTER 6

Miscellaneous APIs

This chapter includes the following topics:

- [Collaboration on objects, 233](#)
- [Data Marketplace customizations, 236](#)
- [Custom fields, 240](#)
- [Technical content, 245](#)

Collaboration on objects

You can collaborate with other users in Data Marketplace. This allows you to enhance the quality of data that is available in your organization's Data Marketplace, and allows you to extract more business value from your organization's data.

You can collaborate with other users in the following sections of Data Marketplace:

- On the **Chat** panel of a data asset, data collection or category.
- On the **Timeline** section of an order, consumer access or data collection request.

Comment on an object

Use REST APIs to add a comment on one of the following sections in Data Marketplace:

- On the **Chat** panel of a data asset, data collection or category.
- On the **Timeline** section of an order, consumer access or data collection request.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/integration/collaboration/<objectId>/interactions/comments <objectId>: Required. The system generated unique identifier of the object to which you want to add a comment. For more information about how you can retrieve the system generated unique identifier of an object, "How do I retrieve the system generated unique identifier of a Data Marketplace object?" on page 248 .
Method	POST

Note:

- You can publish a maximum of 100 comments per object.
- You can publish only one comment per API call.
- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
text	Required. The comment that you want to add to the object.	Enter a comment with length from 0 through 500 characters. Note: If you use an API to add a comment, you cannot tag a user in your comment. To tag a user, add a comment from the Data Marketplace user interface. For more information, see the <i>Collaboration in Data Marketplace</i> topic in the <i>Introduction and Getting Started</i> help.

Example request

The following example shows how you can use an API to add a comment to a data collection:

```
{
  "text": "This data collection does not cover the EMEA region data."
}
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to add a comment to a data collection:

```
{
  "id": "49d4856a-90b3-3584-abd6-47db0fe9acb6"
}
```

The following table describes the parameters of each custom field that is retrieved:

Parameter	Description
id	The system generated unique identifier of the comment that you added.

Retrieve comments on an object

Use REST APIs to retrieve the comments that are added to one of the following sections in Data Marketplace:

- On the **Chat** panel of a data asset, data collection or category.
- On the **Timeline** section of an order, consumer access or data collection request.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/integration/collaboration/<objectId>/interactions/comments <objectId>: Required. The system generated unique identifier of the object to which you want to add a comment. For more information about how you can retrieve the system generated unique identifier of an object, “How do I retrieve the system generated unique identifier of a Data Marketplace object?” on page 248 .
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Example request

The following example shows how you can use an API to retrieve the comments that are added to a data collection:

```
https://{CDMP_URL}/api/v1/integration/collaboration/8c4c2089-6c7e-4696-a8f6-44f87639d65c/interactions/comments
```

RC Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the comments that are added to a data collection:

```
{
  "offset": 0,
  "limit": 50,
  "totalCount": 1,
  "objects": [
    {
      "id": "49d4856a-90b3-3584-abd6-47db0fe9acb6",
      "text": "This data collection does not cover the EMEA region data.",
      "createdBy": "7w2uGIARApUgxniNoHHWsJ",
      "createdOn": "2022-03-08T17:05:28.208Z",
      "modifiedBy": "7w2uGIARApUgxniNoHHWsJ",
      "modifiedOn": "2022-03-08T17:09:34.623Z"
    }
  ]
}
```

The following table describes the parameters of each custom field that is retrieved:

Parameter	Description
offset	The starting index for the paginated results. Default value is 0.
limit	The maximum number of results. Default value is 50.
id	The system generated unique identifier of the comment.
text	The contents of the comment.
createdBy	The system generated unique identifier of the user account that added the comment.
createdOn	The date when the comment was added.
modifiedBy	The system generated unique identifier of the latest user account that modified the comment.
modifiedOn	The latest date when the comment was modified.

Data Marketplace customizations

You can personalize the look and feel of Data Marketplace according to your organization's requirements.

You must have the Data Marketplace Administrator profile to customize the look and feel of your organization's Data Marketplace instance.

Retrieve customizations

Use REST APIs to retrieve the details of the customizations applied to your Data Marketplace instance.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/admin/settings/customizations/lookandfeel
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to retrieve the details of the customizations applied to your Data Marketplace instance:

```
https://{CDMP_URL}/api/v1/integration/admin/settings/customizations/lookandfeel
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of the API call:

```
{
  "processingTime": 1015,
  "orgLogoURL": "string",
  "primaryColor": "#039FB0",
  "backgroundColor": "#EAEAEA",
  "borderRadius": "11"
}
```

The following table describes the parameters in the response body:

Parameter	Description
orgLogoURL	The URL to the location that contains the logo of your organization.
primaryColor	The primary color of your Data Marketplace instance. This is the color used by the buttons, checkbox and other such user interface elements.
backgroundColor	The background color of a page.
borderRadius	The border radius of the interface buttons.

Update customizations

Use REST APIs to update the customizations applied to your Data Marketplace instance.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/admin/settings/customizations/lookandfeel
Method	PATCH

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the body of the API payload:

Parameter	Description	Additional Information
orgLogoURL	Optional. The URL to the location that contains the logo of your organization.	-
primaryColor	Optional. The primary color of your Data Marketplace instance. This is the color used by the buttons, checkbox and other such user interface elements.	Enter the hexadecimal value that represents the color that you want to use.
backgroundColor	Optional. The background color of a page.	Enter the hexadecimal value that represents the color that you want to use.
borderRadius	Optional. The border radius of the interface buttons.	Enter a value between 0 and 20.

Example request

The following example shows how you can use an API to update the customizations applied to your Data Marketplace instance:

```
{
  "orgLogoURL": "https://www.informatica.com/",
  "primaryColor": "#039FB0",
  "backgroundColor": "#EAEAEA",
  "borderRadius": 11
}
```

Response

When you pass the API payload in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of the API call:

```
{
  "processingTime": 1015,
  "orgLogoURL": "string",
  "primaryColor": "#039FB0",
  "backgroundColor": "#EAEAEA",
  "borderRadius": "11"
}
```

The following table describes the parameters in the response body:

Parameter	Description
orgLogoURL	The URL to the location that contains the logo of your organization.
primaryColor	The primary color of your Data Marketplace instance. This is the color used by the buttons, checkbox and other such user interface elements.
backgroundColor	The background color of a page.
borderRadius	The border radius of the interface buttons.

Reset customizations

Use REST APIs to reset the customizations applied to your Data Marketplace instance.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/admin/settings/customizations/lookandfeel
Method	DELETE

Note: You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to reset the customizations applied to your Data Marketplace instance:

```
https://{{CDMP_URL}}/api/v1/integration/admin/settings/customizations/lookandfeel
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the customizations applied to your Data Marketplace instance are reset successfully

204 OK code

Custom fields

Custom fields are additional properties for Data Marketplace objects that are defined by your Administrator in Metadata Command Center.

A Data Owner of a data collection can use custom fields to specify additional information about a data collection when the standard properties of the collection are insufficient. Additionally, Data Users that order the data collection can use the newly added fields to provide more information when they place an order.

For more information about custom fields, see the *Create custom fields for objects* topic in the *Set Up Data Marketplace* help.

Retrieve custom fields

Use REST APIs to retrieve the custom field details for a data collection or an order.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/model/customAttributes
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description	Additional Information
classType	Required. The type of object for which you want to retrieve the custom field details.	Enter one of the following values: - To retrieve the custom field details of a data collection, enter <code>com.infa.cdmp.marketplace.DataCollection</code>. - To retrieve the custom field details of an order, enter <code>com.infa.cdmp.marketplace.Order</code>.
offset	Optional. The starting index for the paginated results.	Default value is 0.
limit	Optional. The maximum number of results.	Default value is 50.

Example request

The following example shows how you can use an API to retrieve the custom field details for a data collection:

```
https://{CDMP_URL}/api/v1/integration/model/customAttributes?  
classType=com.infa.cdmp.marketplace.DataCollection&offset=0&limit=50
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of an API call to retrieve the custom field details for a data collection:

```
{  
  "processingTime": 170,  
  "offset": 0,  
  "limit": 50,  
  "totalCount": 9,  
  "classType": "com.infa.cdmp.marketplace.DataCollection",  
  "items": [  
    {  
      "customAttributeId": "com.infa.odin.models.custom.ca_7821688086685433570",  
      "name": "GDPR Compliance Required",  
      "status": "PUBLISHED",  
      "mandatory": true,  
      "searchable": false,  
      "defaultValues": ["false"],  
      "datatype": {  
        "type": "BOOLEAN",  
        "properties": null,  
        "dropDownOptions": null  
      }  
    },  
    {  
      "customAttributeId": "com.infa.odin.models.custom.ca_3184028726397751640",  
      "name": "Date of Issue",  
      "status": "PUBLISHED",  
      "mandatory": true,  
      "searchable": false,  
      "defaultValues": ["false"],  
      "datatype": {  
        "type": "DATE",  
        "properties": null,  
        "dropDownOptions": null  
      }  
    }  
  ]  
}
```

```

"mandatory": false,
"searchable": false,
"defaultValues": ["2023-09-05"],
"datatype":
{
    "type": "DATE",
    "properties": null,
    "dropDownOptions": null
}
},
{
    "customAttributeId": "com.infa.odin.models.custom.ca_6928840635020975219",
    "name": "Consumption Rate",
    "status": "PUBLISHED",
    "mandatory": true,
    "searchable": true,
    "defaultValues": ["45.6"],
    "datatype":
    {
        "type": "DECIMAL",
        "properties": null,
        "dropDownOptions": null
    }
},
{
    "customAttributeId": "com.infa.odin.models.custom.ca_7907323524500803261",
    "name": "Requirement",
    "status": "PUBLISHED",
    "mandatory": true,
    "searchable": false,
    "defaultValues": ["Secure Data Transfer"],
    "datatype":
    {
        "type": "RICH_TEXT",
        "properties": null,
        "dropDownOptions": null
    }
},
{
    "customAttributeId": "com.infa.odin.models.custom.ca_1535512762047882544",
    "name": "User Count",
    "status": "PUBLISHED",
    "mandatory": true,
    "searchable": false,
    "defaultValues": ["10"],
    "datatype":
    {
        "type": "INTEGER",
        "properties": null,
        "dropDownOptions": null
    }
},
{
    "customAttributeId": "com.infa.odin.models.custom.ca_8610145587620226269",
    "name": "Network Stack",
    "status": "PUBLISHED",
    "mandatory": false,
    "searchable": false,
    "defaultValues": ["Reticulum"],
    "datatype":
    {
        "type": "DROPDOWN_SINGLE_SELECT",
        "properties": {"multivalued": "false"},
        "dropDownOptions": [
            {
                "value": "Reticulum",
                "label": "Reticulum"
            },
            {
                "value": "libp2p",
                "label": "libp2p"
            }
        ]
    }
}

```

```

    }
  ]
},
{
  "customAttributeId": "com.infa.odin.models.custom.ca_5588843841075376340",
  "name": "Network Protocol",
  "status": "PUBLISHED",
  "mandatory": true,
  "searchable": false,
  "defaultValues": ["LXMF"],
  "datatype": {
    "type": "PLAIN_TEXT",
    "properties": null,
    "dropDownOptions": null
  }
},
{
  "customAttributeId": "com.infa.odin.models.custom.ca_1007408542741800522",
  "name": "Is Critical",
  "status": "PUBLISHED",
  "mandatory": true,
  "searchable": true,
  "defaultValues": ["false"],
  "datatype": {
    "type": "BOOLEAN",
    "properties": null,
    "dropDownOptions": null
  }
},
{
  "customAttributeId": "com.infa.odin.models.custom.ca_3068304325528979652",
  "name": "Cloud Platform",
  "status": "PUBLISHED",
  "mandatory": false,
  "searchable": true,
  "defaultValues": ["Apache CloduStack"],
  "datatype": {
    "type": "DROPDOWN_MULTI_SELECT",
    "properties": {"multivalued": "true"},
    "dropDownOptions": [
      {
        "value": "Apache CloduStack",
        "label": "Apache CloduStack"
      },
      {
        "value": "Microsoft Azure",
        "label": "Microsoft Azure"
      },
      {
        "value": "Google Cloud Platform",
        "label": "Google Cloud Platform"
      },
      {
        "value": "Amazon Web Services",
        "label": "Amazon Web Services"
      }
    ]
  }
}
]
}

```

The following table describes the parameters of each custom field that is retrieved:

Parameter	Description
<code>classType</code>	The type of object for which the custom field details were retrieved. This parameter can have one of the following values: - If the parameter value is <code>com.infa.cdmp.marketplace.DataCollection</code>, the object is a data collection. - If the parameter value is <code>com.infa.cdmp.marketplace.Order</code>, the object is an order.
<code>items > customAttributeId</code>	The system generated unique identifier of the custom field in Metadata Command Center.
<code>items > name</code>	The name of the custom field, as configured in Metadata Command Center.
<code>items > status</code>	The status of the custom field, as configured in Metadata Command Center. This parameter returns only the custom fields that are in <code>PUBLISHED</code> state. This indicates that the custom fields are displayed in Data Marketplace.
<code>items > mandatory</code>	This parameter's value determines whether or not the custom field is mandatory. This parameter can have one of the following values: - If the parameter value is <code>true</code>, the Data Owner must enter a value in this field. - If the parameter value is <code>false</code>, the Data Owner does not require to enter a value in this field.
<code>items > searchable</code>	This parameter's value determines whether or not you can use the custom field to search for a data collection. This parameter can have one of the following values: - If the parameter value is <code>true</code>, you can use the custom field to search for a data collection. - If the parameter value is <code>false</code>, you can't use the custom field to search for a data collection.
<code>items > defaultValues</code>	The default value of the custom field, as configured in Metadata Command Center.
<code>items > datatype > type</code>	The type of the custom field, as configured in Metadata Command Center.
<code>items > datatype > properties</code>	The subtype of the custom field, as configured in Metadata Command Center. The value of the <code>properties</code> parameter depends on the value configured for the <code>type</code> parameter.
<code>items > datatype > dropDownOptions</code>	The values that are acceptable inputs to the custom field, as configured in Metadata Command Center. Note: This parameter is displayed in the response body only if the custom field is of type <code>DROPDOWN_SINGLE_SELECT</code>.

Technical content

A technical content is a specialized payload information that allows Data Marketplace to seamlessly interface with external data repositories.

This API allows you to specify the type of data that must be supplied from Data Marketplace to the external data repository, and the type of data that must be supplied from the external data repository to Data Marketplace, to allow seamless interaction between the two.

For example, to use data from an object data store to create a new data collection in your organization's data lake. After a Data User's data collection request in Data Marketplace is approved, you can use this API via an Application Integration IPD process to retrieve the request details, and compile them into a standardized data interchange file such as a JavaScript Object Notation (JSON) manifest file. After this, Application Integration sends this file to Informatica Intelligent Cloud ServicesData Integration. Data Integration stages the data into the data lake, and then reports the outcome of the staging operation to Application Integration. At this stage, Application Integration calls the ["Create data collections" on page 122](#) API to create a new data collection in Data Marketplace.

Retrieve the technical content of an object

Use a REST API to retrieve the technical content of an object.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/technicalContent/<objectId> <objectId>: Required. Enter the system generated identifier of the Data Marketplace object for which you want to replace the API payload. For more information about how you can retrieve the unique identifier of an object, see Chapter 7, "Frequently Asked Questions" on page 248 .
Method	GET

Note: You can call a maximum of 100 APIs per minute.

Request

The API has no payload.

Example request

The following example shows how you can use an API to retrieve the technical content:

```
https://{CDMP_URL}/api/v1/integration/technicalContent/794a215f-5479-4b55-8e1b-a4866ec9fe82
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

The following example shows the response of the API call:

```
{
  "content": "string"
}
```

The following table describes the parameters of each technical content that is retrieved:

Parameter	Description
content	Content is the specialized payload information that allows Data Marketplace to interface with non-Informatica products.

Update the technical content of an object

Use a REST API to update the technical content of an object.

Endpoint and method

The following table describes the connection properties for the API:

Property	Description
Endpoint	/api/v1/integration/technicalContent/<objectId> <objectId>: Required. Enter the system generated identifier of the Data Marketplace object for which you want to replace the API payload. For more information about how you can retrieve the unique identifier of an object, see Chapter 7, "Frequently Asked Questions" on page 248 .
Method	PUT

Note:

- The number of objects that you can modify per API call depends on the cloud provider where the Informatica Intelligent Cloud Services POD is hosted on. The following table shows the number of objects that you can modify per API call on each cloud provider:

Cloud provider	Number of objects
Amazon Web Services	30
Microsoft Azure	10

- You can call a maximum of 100 APIs per minute.

Request

The following table describes the parameters that you enter in the request query:

Parameter	Description
content	Required. Content is the specialized payload information that allows Data Marketplace to interface with non-Informatica products.

Example request

The following example shows how you can use an API to update the technical content:

```
{
  "content": "string"
}
```

Response

When you pass the API query parameters in the REST client, the client displays a response for the parameter values that you have entered.

If you see the following response code, it means that the technical content is updated successfully:

```
204 OK code
```

CHAPTER 7

Frequently Asked Questions

This chapter includes the following topics:

- [How do I retrieve the system generated unique identifier of a Data Marketplace object?, 248](#)
- [How do I retrieve the system generated unique identifier of a user account or user group?, 251](#)

How do I retrieve the system generated unique identifier of a Data Marketplace object?

Depending on the object, you can get the unique identifier from the user interface or using an API. The following table explains how you can get the unique identifier:

Object	Using an API	From the User Interface
Category	For more information about how you can use an API to get the unique identifier of a category, see "Retrieve categories" on page 17 .	To get the unique identifier of a category, open the category. The category page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/category/view?ac=67417f72-e5ab-44f0-add9-a1e412c1ce13&dtm=AfterEBF%20may20</code> , the unique identifier is 67417f72-e5ab-44f0-add9-a1e412c1ce13.
Cost center	For more information about how you can use an API to get the unique identifier of a cost center, see "Retrieve cost centers" on page 92 .	-
Delivery format	For more information about how you can use an API to get the unique identifier of a delivery format, see "Retrieve delivery formats" on page 29 .	-

Object	Using an API	From the User Interface
Delivery method	For more information about how you can use an API to get the unique identifier of a delivery method, see "Retrieve delivery methods" on page 36.	-
Delivery template	For more information about how you can use an API to get the unique identifier of a delivery template, see "Retrieve delivery templates" on page 46.	-
Delivery target	For more information about how you can use an API to get the unique identifier of a delivery target, see "Retrieve delivery targets" on page 60.	-
Terms of use	For more information about how you can use an API to get the unique identifier of a terms of use, see "Retrieve terms of use" on page 73.	-
Usage type	For more information about how you can use an API to get the unique identifier of a usage type, see "Retrieve usage type" on page 84.	-
Data element	For more information about how you can use an API to get the unique identifier of a data element, see "Retrieve data elements" on page 102.	-
Data asset	For more information about how you can use an API to get the unique identifier of a data asset, see "Retrieve data assets" on page 113.	To get the unique identifier of a data asset, open the data asset. The data asset page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}/dataAsset/8c4c2089-6c7e-4696-a8f6-44f87639d65c?dtn=Table_Profiling_AK_1676302415587&tab=dataElements</code>, the unique identifier is <code>8c4c2089-6c7e-4696-a8f6-44f87639d65c</code>.

Object	Using an API	From the User Interface
Data collection	For more information about how you can use an API to get the unique identifier of a data collection, see "Retrieve data collections" on page 127 .	To get the unique identifier of a data collection, open the data collection. The data collection page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}}/datacollection/25158afc-3dfb-44ef-8f3e-cec1e171d0f1?dtn=&tab=summary</code>, the unique identifier is <code>25158afc-3dfb-44ef-8f3e-cec1e171d0f1</code>.
Data collection request	For more information about how you can use an API to get the unique identifier of a data collection request, see "Retrieve data collection requests" on page 154 .	To get the unique identifier of a data collection request, open the data collection request. The data collection request page's URL contains the unique identifier. For example, in the URL <code>https://{CDMP_URL}}/datacollectionrequest/6e5964ec-e0aa-4eac-963a-3dae0fa1d639?dtn=Request~9b4d</code>, the unique identifier is <code>6e5964ec-e0aa-4eac-963a-3dae0fa1d639</code>.

Object	Using an API	From the User Interface
Order	For more information about how you can use an API to get the unique identifier of a order, see "Retrieve orders" on page 164 .	To get the unique identifier of a order, open the order. The order page's URL contains the unique identifier. For example, in the URL https://{CDMP_URL}/ order/ 3d48daf6-5e75-4e1a-848c- b6821fc33f74? dtn=Order~579b, the unique identifier is 3d48daf6-5e75-4e1a-848c- b6821fc33f74.
Consumer access	For more information about how you can use an API to get the unique identifier of a consumer access, see "Retrieve consumer accesses" on page 199 .	To get the unique identifier of a consumer access, open the consumer access. The consumer access page's URL contains the unique identifier. For example, in the URL https://{CDMP_URL}/ access/ e254491f-5795-49bd- be0b-385eb11d9d5a? dtn=Access~2e85, the unique identifier is e254491f-5795-49bd- be0b-385eb11d9d5a.

How do I retrieve the system generated unique identifier of a user account or user group?

How do I retrieve the system generated unique identifier of a user account?

To get the system generated unique identifier of a user account, navigate to **My Services > Administrator > Users**. On the **Users** page, click a user account. The user account page's URL contains the unique identifier.

For example, in the URL `/cloudUI/products/administer/main/usersAsset/0LH3xBJC9A6haZ26htGZyT`, the unique identifier is `0LH3xBJC9A6haZ26htGZyT`.

How do I retrieve the system generated unique identifier of a user group?

To get the system generated unique identifier of a user group, navigate to **My Services > Administrator > User Groups**. On the **User Groups** page, click a user group. The user group page's URL contains the unique identifier.

For example, in the URL `/cloudUI/products/administer/main/userGroupsAsset/90uizkSWg0ycuu7hSNXSW4`, the unique identifier is `90uizkSWg0ycuu7hSNXSW4`.