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SAP Analytics Cloud Content Network REST API Developer Guide

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1 Prerequisites

You have to pass X-CSRF token, `x-sap-sac-custom-auth=true` parameter, and the access token to authorize your client application while sending any request to the API.

Follow the steps below:

1. Create a new OAuth client. Follow the steps in the topic [Managing OAuth Clients](#) to create a new OAuth client.
2. Authorize the OAuth client. Follow the steps in the section **Authorization for API access OAuth Clients** of the topic [Managing OAuth Clients](#) to authorize the OAuth client.
3. Add the X-CSRF token.

Note

You have to pass the x-csrf token only for POST, PATCH, UPDATE, and DELETE requests.

1. Issue a GET request to the API endpoint. Example endpoint: `https://<your-SAC-system>.<region>.sapanalytics.cloud/api/v1/csrf`
You must include the following headers with your GET request:
 - `Authorization: Bearer <Access-Token>`
 - `x-sap-sac-custom-auth: true`
 - `x-csrf-token: fetch`
2. Retrieve the value of the HTTP response header named `x-csrf-token`.
4. In an HTTP request that you make to the API, add the following:
 - `Authorization: Bearer <Access-Token>`
 - `x-sap-sac-custom-auth: true`
 - `x-csrf-token: <x-csrf-Token-Value>`

Alternatively, you can also follow the [Configuring OAuth 2.0 Authorization Code Grant workflow](#) for authorization. After following the steps for authorization code grant, you've to generate an x-csrf-token. You can follow the step 3 mentioned above and eliminate the `x-sap-sac-custom-auth` parameter to generate an x-csrf-token for authorization code grant workflow. However, you would require x-csrf token only if you're sending POST, PATCH, UPDATE, and DELETE requests.

If you choose OAuth 2.0 Authorization Code Grant, then you have to pass the following parameters in your request:

- `Authorization: Bearer <Access-Token>`
- `x-csrf-token: <x-csrf-Token-Value>`

2 Private Package

2.1 Creating a Job

You can create an export or an import job in the Content Network through an API.

API Request Details

You would need the following information to create a job.

URL	/api/v1/content/jobs
Request Type	POST
Content Type	application/json

Next Steps

You should proceed to the following links to create a job as per your requirement.

- [Create an Export Job \[page 4\]](#): You can create an export job when you want to share the content with other tenants.
- [Create an Import Job \[page 13\]](#): You can create an import job when you want to consume the content available in other tenants.

2.1.1 Create an Export Job

This topic provides information that is required to create an export job of private packages in the Content Network through an API.

Context

You have to refer to the topic [Creating a Job \[page 4\]](#) for API request details such as URL and request type. Once you've the API request details, you have to provide the HTTP body and the service parameters for the request. You can check the sample HTTP body and service parameter structure below and replace the placeholders with actual values.

Sample Code

Sample HTTP Body to create an export job

```
{
  "type": "EXPORT",
  "serviceParameters": "{ \"fields\": [{ \"fieldType\": \"name\", \"fieldI18n\":
  [ { \"langCode\": \"<Preferred_Language_Code>\",
    \"value\": \"<Name_of_the_package>\" } ] },
    { \"fieldType\": \"description\", \"fieldI18n\":
  [ { \"langCode\": \"<Preferred_Language_Code>\", \"value\": \"<Description_of_the_p
ackage>\" } ] },
    { \"fieldType\": \"summary\", \"fieldI18n\":
  [ { \"langCode\": \"<Preferred_Language_Code>\", \"value\": \"<Summary_of_the_packa
ge>\" } ] },
    \"isPrivate\": true, \"privateItemsData\":
  { \"parentItemId\": \"<Enter_Parent_Folder_ID>\", \"permissions\":
  [ { \"tenantUrl\": \"<URL_of_the_destination_tenant>\",
    \"landscapeId\": \"<Enter_destination_LandscapeID>\", \"list\": <true/
false>, \"read\": <true/false>, \"write\": <true/false>, \"delete\": <true/
false> } ] } }\",
  \"xsParameters\": \"{}\",
  \"objects\": [
    {
      \"xsParameters\": \"{}\",
      \"serviceParameters\": \"{ \"includeData\": true }\",
      \"objectId\": \"<Enter_Object_ID>\",
      \"objectName\": \"<Enter_Object_Name>\",
      \"objectType\": \"<Enter_Object_Type>\",
      \"description\": \"<Description_of_the_object>\"
    }
  ]
}
```

Sample Code

Service parameter structure

```
{
  "fields": [{
    "fieldType": "name",
    "fieldI18n": [{
      "langCode": "<Preferred_Language_Code>",
      "value": "<Name_of_the_package>"
    }
  ]
}, {
  "fieldType": "description",
  "fieldI18n": [{
    "langCode": "<Preferred_Language_Code>",
    "value": "<Description_of_the_package>"
  }
]
}, {
  "fieldType": "summary",
  "fieldI18n": [{
    "langCode": "<Preferred_Language_Code>",
    "value": "<Summary_of_the_package>"
  }
]
}],
  "isPrivate": true,
  "taggingData": {
    "tags": [{
      "tagId": <tag_ID>
    }
  ]
},
  "privateItemsData": {
```

```

"parentItemId": <Enter_Parent_Folder_ID>,
"permissions": [{
  "tenantUrl": "<URL_of_the_destination_tenant>",
  "landscapeId": <Enter_destination_LandscapeID>,
  "list": <true/false>,
  "read": <true/false>,
  "write": <true/false>,
  "delete": <true/false>
}]
}
}

```

Sample Code

Service parameter structure to edit an export job

```

{
  "overwritePermissions": <true/false>,
  ...
  "privateItemsData": {
    "itemId": <Enter_Item_ID>,
    "parentItemId": <Enter_Parent_Folder_ID_or_null>,
    "permissions": [{
      "tenantUrl": "<Enter_Tenant_URL>",
      "landscapeId": <Enter_Landscape_ID_or_null>,
      "list": <true/false>,
      "read": <true/false>,
      "write": <true/false>,
      "delete": <true/false>
    }]
  }
}

```

Attributes in Export Job Request Payload

Attribute	Type	Mandatory/Optional	Description
type	String	Mandatory	Specifies the type of the job. The value should be EXPORT for creating an export Job.

Attribute	Type	Mandatory/Optional	Description
serviceParameters	String	Mandatory	<p>It is a JSON structure that supports only string values and defines the details of the export that includes -</p> <ul style="list-style-type: none"> fields (Mandatory) - contains the name, summary, and description of the export (package). It's an array of fields. Each field specifies different field (for example, name, summary, and description) of the package and it consists of the following: <ul style="list-style-type: none"> fieldType (Mandatory) - Specifies the type of the field. It can be name, description, or summary. field18n (Mandatory) - Specifies the localized value of the field. It's an array of object where each object consists of the following: <ul style="list-style-type: none"> langCode (Mandatory) - The language for the value of the field. value (Mandatory) - The value of the field. isPrivate (Mandatory) - specifies whether the export job is for private content sharing. It should be true as only private Content sharing

Attribute	Type	Mandatory/Optional	Description
			<p>is supported for this endpoint.</p> <ul style="list-style-type: none"> privateItemsData (Mandatory) - specifies the below details <ul style="list-style-type: none"> itemId (Optional) - specifies the item ID for the existing item when updating it with the modified content/metadata. parentItemId (Mandatory) - specifies the id of the parent folder under which the content is being exported. <div data-bbox="1198 1010 1396 1753" style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 10px; margin-top: 10px;"> <p>Note</p> <p>In Content Network, the content can be organized in folders. As the Content Network folder creation is not supported via API, therefore, you can specify the value as null which represents the content to be exported at root level in Content Network.</p> </div> <ul style="list-style-type: none"> permissions (Mandatory) - Specifies the details of who is the recipient of this exported content. Its an array

Attribute	Type	Mandatory/Optional	Description
			<p>and each object inside it specifies the each sharing entity (permission). If the content need not be shared with anyone or you are using Content Network file to share the content, then you can keep it as empty ([]).</p> <ul style="list-style-type: none"> • permission - Specifies a sharing entity and the content can be shared with some tenant by different means. <p>For sharing the content with a specific tenant use the below attributes:</p> <ul style="list-style-type: none"> • tenantUrl - The tenant url of the tenant the content is being shared. • landscapeld - The landscapeld of the tenant the content is being shared. <div data-bbox="1155 1487 1396 1845" style="border: 1px solid #0070C0; padding: 5px;"> <p>Note</p> <p>As the multiple landscape is not supported yet, therefore, you should maintain the value as null when shared using tenantUrl.</p> </div> <p>For sharing the content with a group of tenants having</p>

Attribute	Type	Mandatory/Optional	Description
			<p>same OEM ID (partner) use the below attributes:</p> <ul style="list-style-type: none"> • oemId - The OEM ID of the tenants. <p>For sharing the content with a group of tenants having same erpNumber (customer number) use the below attribute:</p> <ul style="list-style-type: none"> • erpNumber -The ERP number of the tenants. <p>From the above, (tenantUrl&landscapeID/oemId/erpNumber) any one should be present in a sharing entity (permission). The below attributes in permission specifies the access rights that are given for the sharing tenant(s):</p> <ul style="list-style-type: none"> • list (mandatory) - true/false - The tenant should be able to only view the package (export unit) • read (mandatory) - true/false - The tenant should be able to view and import the package (export unit) • write (mandatory) - true/false - The tenant should be able to view, import, export, and edit the package (export unit) • delete (mandatory) - true/false - The tenant should be able to delete the package (export unit). • overwritePermissions - true/false - specifies whether the exist-

Attribute	Type	Mandatory/Optional	Description
originLandscape	String	Optional	<p>ing permissions require overwriting during the edit export API request.</p> <ul style="list-style-type: none"> taggingData (optional): Specifies the tags that can be applied for the package. taggingData value should be a parameter tag which specifies the tag details. The value of a parameter tag is an array of tag object. Each tag object has parameter tagId to specify the tag IDs. You can check the supported tags with their IDs in Predefined Tags for Private Package [page 21]. <div data-bbox="1107 1066 1394 1391" style="border: 1px solid #ccc; padding: 5px; background-color: #f9f9f9;"> <p>Note</p> <p>The value of Service-Parameters in Request Payload supports only string format. You should ensure to include the values within "" (double quotation mark).</p> </div>
			Specifies the landscape of the destination.

Attribute	Type	Mandatory/Optional	Description
objects	Object []	Mandatory	<p>Specifies the array of objects to be exported.</p> <p>Each Object has the below attributes:</p> <ul style="list-style-type: none"> • xsParameters : It is required for export job. You should pass no value and leave it empty `{}` . • serviceParameters: It includes the parameter includeData which specifies whether the data to be included during export or not. Pass it as below - <code>"{\\"includeData\\":true}"</code> • objectId: Specifies the objectId of the object to be exported. • objectName: Specifies the name of the object • objectType: Specifies the type of the object. • description: Specifies the description of the object.

Response

When the POST method to create an export job is successful, then the system returns the job ID as the response.

2.1.2 Create an Import Job

This topic provides the information that is required to create an import job of private packages in the Content Network through an API.

Sample Code

Import Job Request Payload

```
{
  "type": "IMPORT",
  "privatePackage": <Private_package_ID>,
  "wavePackage": <Wave_package_ID>,
  "allObjects": <true/false>
}
```

Attributes in Import Job Request Payload

Import using packageID

Attribute	Type	Mandatory/Optional	Description
wavePackage	Long	Mandatory	Specifies the waveltemid/wavePackageID of the package (available in Content Network) to be imported. wavePackage concept is used in Content Network for versioning purpose, different version of a package (import unit) according to a specific orca version can exist. These are called wavePackage/waveltemid. If you are not sure about the wavepackageid, then use '0'. It will fetch the suitable wavePackage corresponding to the tenant version.

Note

privateWaveltem, privateWavePackage, and wavePackage are interchangeably used to define a wave package in Content Network private space.

Attribute	Type	Mandatory/Optional	Description
type	String	Mandatory	Specifies the type of the Job. The value should be IMPORT for creating an Content Network Import Job.
privatePackage	Long	Mandatory	Specifies the privateItemId/privatePackageId of the package (available in Content Network) to be imported.
			<div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 10px;"> <p>Note</p> <p>privateItem and privatePackage are interchangeably used to define a package in Content Network private space.</p> </div>
originLandscape	String	Optional	Specifies the landscape of the destination.
allObjects	Boolean	Mandatory	Specifies whether all the objects available in the package to be exported or not. Pass always true unless you have the list of objects you want to import.

Attribute	Type	Mandatory/Optional	Description
xsParameters	String	Optional	<p>It's a JSON structure, however, the values are passed as a string. The definition of the options within are as below.</p> <p>updateExisting: Specifies whether to overwrite objects or data. The default value is true.</p> <p>importDataOnly: Specifies whether to import and overwrite data of existing objects without making changes to the structure of your models. The default value is false.</p> <p>dropDependent: Specifies whether to drop the dependent objects and import them. The default value is false.</p> <p>The default value for the xsParameters is -</p> <pre>{\"updateExisting\" : true, \"importDataOnly\": false, \"dropDependent\": false}</pre>

Response

When the POST method to create an import job is successful, then the system returns the job ID as the response. You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

2.2 Getting Job Status

You can get the status of a job in Content Network through an API.

API Request Details

You would need the following information to get the job status.

URL	/api/v1/content/jobs/{Job ID}
Request Type	GET
Content Type	application/json

ⓘ Note

You should replace {Job ID} with the actual job ID for which you need the status.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

2.3 Getting Item Details

You can get the private item details for the content in your Content Network through an API.

API Request Details

You would need the following information to get the item details.

URL	/api/v1/content/{itemId}/{waveItemId}
Request Type	GET
Content Type	application/json

ⓘ Note

You should replace {itemId} and {waveItemId} with the actual values.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

2.4 Getting Filtered List of Permitted Items

You can add tags in the request body to filter the list of permitted items.

API Request Details

You would need the following information to get the list of permitted items.

URL	/api/v1/content/
Request Type	POST
Content Type	application/json
Query Parameters	Refer to the table below.

Sample Code

Sample Request Body

```
{
  "itemType": <"PACKAGE">,
  "permissions": [ "LIST" ],
  "tags": [ "<Tag_ID>" ]
}
```

Query Parameters

Name	Description	Type	Default Value	Supported Values
Permissions	List the items that the user has specific permissions for.	String	list	The default value is LIST . The supported values are list, read, write, and delete. Multiple values can be sent using the & operator.
itemType	Specify the type of items needs to be fetched	String.	ALL	The supported values are: <ul style="list-style-type: none">• PACKAGE• SUB-CATEGORY• ALL
tags	Specifies the tag IDs to filter the items	String Multiple values can be sent using "&" operator.	[]	You can check the supported tags with their IDs in Predefined Tags for Private Package [page 21].

2.5 Getting Permissions on an Item

You can fetch the permissions you have on a private item through an API.

API Request Details

You would need the following information to get the permissions you've on an item.

URL	/api/v1/content/permissions/{itemId}
Request Type	GET
Content Type	application/json

Note

You should replace {itemId} with the ID of the item.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

2.6 Editing Permissions on an Item

You can edit the permissions you have on an item through an API.

API Request Details

You would need the following information to get the permissions you've on an item.

URL	/api/v1/content/permissions/{itemId}
Request Type	POST
Content Type	application/json
Sample HTTP-body	Refer to the section below.

Note

You should replace {itemId} with the ID of the item.

Sample HTTP Body

Sample Code

```
{
  "permissions": [
    {
      "tenantUrl": "<Enter_Tenant_URL>",
      "landscapeId": "<Enter_Landscape_ID>",
      "list": <true/false>,
      "read": <true/false>,
      "write": <true/false>,
      "delete": <true/false>
    }
  ],
  "override": true
}
```

permission - Specifies a sharing entity and the content can be shared with some tenant by different means.

From the above, (tenantUrl and landscape/oemId/erpNumber) any one should be present in a sharing entity (permission). The below attributes in permission specifies the access rights that are given for the sharing tenant(s):

list (mandatory) - true/false - The tenant should be able to only view the package (export unit)

read (mandatory) - true/false - The tenant should be able to view and import the package (export unit)

write (mandatory) - true/false - The tenant should be able to view, import and export,edit the package (export unit)

delete (mandatory) - true/false - The tenant should be able to delete the package (export unit).

For sharing the content with a specific tenant use the below attributes -

1. tenantUrl - The tenant URL of the tenant the content is being shared.
2. landscapeld - The landscape ID of the tenant the content is being shared. As the multiple landscape is not supported yet, you can keep the value as null when shared using tenant URL.

For sharing the content with a group of tenants having same OEM ID (partner) use the below attributes -

oemId - The OEM ID of the tenants.

For sharing the content with a group of tenants having same ERP Number (customer number) use the below attribute -

erpNumber -The ERP Number of the tenants.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

2.7 Moving an Item

You can move a private item from its existing parent item to a new target item.

API Request Details

You would need the following information to move an item.

URL	/api/v1/content/{itemId}/{targetID}
Request Type	PUT

Note

You should replace {itemId} and {targetID} with the actual values. {targetID} is the ID of the target parent item.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

2.8 Deleting an Item

You can use the item ID to delete a private item in the Content Network through an API.

API Request Details

You would need the following information to delete an item.

URL	/api/v1/content/{itemId}
Request Type	DELETE

Note

You should replace {itemId} with the actual value.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

2.9 Predefined Tags for Private Package

Tag ID	Tag Display Text
SF_FO	Application Foundation
SF_CAL	Talent - Calibration
SF_CDP	Talent - Career Development Planning
SF_CPM	Talent - Continuous Performance Management
SF_MTR	Talent - Multi Rater
SF_PMU	Talent - Performance Management
SF_SCM	Talent - Succession Management
SF_GM	Talent - Goal Management
SF_UM	User management
SF_EC	Employee Central
SF_REC	Recruiting
SF_LMS	Learning
SF_ONB	Onboarding
SF_COM	Compensation
SF_SPA	Spot Awards
SF_PLA	Platform
SF_TIM	Time
SF_BEN	Benefits
SF_ADV	Advances
SF_ITD	IT Declarations
SF_QAS	Quality Services

Tag ID	Tag Display Text
SF_IG	Initiative Group
SF_PAY	Payroll
SF_WRK	Workflow

3 Public Package

3.1 Getting Items

You can get the public items in your Content Network through an API.

API Request Details

You would need the following information to get the items.

URL	/api/v1/content/public/{parentItemId}
Request Type	GET
Content Type	application/json
Query Parameters	Refer to the table below.

Query Parameters

Name	Description	Type	Default Value	Example
Permissions	List the items that the user has specific permissions for.	String The supported values are list, read, write, delete. Multiple values can be sent using the & operator.	list	<ul style="list-style-type: none">Getting items on which the tenant has list permission: /api/v1/content/public/1?permissions=listGetting items on which the tenant has read and write permission: /api/v1/content/public/1?permissions=read&permissions=write
itemType	Specify the type of items needs to be fetched	String. The supported values are: <ul style="list-style-type: none">PACKAGESUB-CATEGORYALL	ALL	Getting only the Folders: /api/v1/content/public/1?itemType=SUB-CATEGORY

Name	Description	Type	Default Value	Example
tags	Specifies the tag IDs to filter the items	String Multiple values can be sent using "&" operator.	[]	Getting the items that has the specified tag ID (s): <apiHost>/api/v1/content/public/1?tags=<tag_ID_1>&tags=<tag_ID_2> You can check the supported tags with their IDs in Predefined Tags for Public Package [page 30] .

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

3.2 Getting Item Details

You can get the public item details for the content in your Content Network through an API.

API Request Details

You would need the following information to get the item details.

URL	/api/v1/content/public/{itemId}/{waveItemId}
Request Type	GET
Content Type	application/json

Note

You should replace {itemId} and {waveItemId} with the actual values.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

3.3 Getting Permissions on an Item

You can fetch the permissions you have on a public item through an API.

API Request Details

You would need the following information to get the permissions you've on an item.

URL	/api/v1/content/public/permissions/{itemId}
Request Type	GET
Content Type	application/json

Note

You should replace {itemId} with the ID of the item.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

3.4 Modifying Item Permissions

You can modify your permissions on the public items in your Content Network through an API.

API Request Details

You would need the following information to modify the permissions on the item.

URL	/api/v1/content/public/permissions/{itemId}
-----	---

Request Type	PATCH
Content Type	application/json

Sample Code

```
{
  "permissionsToBeAdded": [
    {
      "tenantUrl": "<URL_of_destination_tenant>",
      "landscapeId": "<Enter_landscape_ID>",
      "oemId": null,
      "erpNumber": null,
      "list": <true/false>,
      "read": <true/false>,
      "write": <true/false>,
      "delete": <true/false>,
    }
  ],
  "permissionsToBeRemoved": [
    {
      "tenantUrl": "<URL_of_destination_tenant>",
      "landscapeId": "<Enter_landscape_ID>",
    }
  ],
  "override": true
}
```

permission - Specifies a sharing entity and the content can be shared with some tenant by different means.

From the above, (tenantUrl and landscape/oemId/erpNumber) any one should be present in a sharing entity (permission). The below attributes in permission specifies the access rights that are given for the sharing tenant(s):

list (mandatory) - true/false - The tenant should be able to only view the package (export unit)

read (mandatory) - true/false - The tenant should be able to view and import the package (export unit)

write (mandatory) - true/false - The tenant should be able to view, import and export,edit the package (export unit)

delete (mandatory) - true/false - The tenant should be able to delete the package (export unit).

For sharing the content with a specific tenant use the below attributes -

1. tenantUrl - The tenant URL of the tenant the content is being shared.
2. landscapeld - The landscape ID of the tenant the content is being shared. As the multiple landscape is not supported yet, you can keep the value as null when shared using tenant URL.

For sharing the content with a group of tenants having same OEM ID (partner) use the below attributes -

oemId - The OEM ID of the tenants.

For sharing the content with a group of tenants having same ERP Number (customer number) use the below attribute -

erpNumber -The ERP Number of the tenants.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

3.5 Creating an Import Job

This topic provides the information that is required to create an import job of public packages in the Content Network through an API.

API Request Details

You would need the following information to create a job.

URL	/api/v1/content/jobs
Request Type	POST
Content Type	application/json

Sample Code

Import Job Request Payload

```
{
  "type": "IMPORT",
  "publicPackage": <Public_package_ID>,
  "wavePackage": <wave_package_ID>,
  "allObjects": <true/false>
}
```

Attributes in Import Job Request Payload

Import using packageID

Attribute	Type	Mandatory/Optional	Description
wavePackage	Long	Mandatory	Specifies the waveltemid/wavePackageid of the package (available in Content Network) to be imported. wavePackage concept is used in Content Network for versioning purpose, different version of a package (import unit) according to a specific orca version can exist. These are called wavePackage/waveltemid. If you are not sure about about the wavepackageid, always use '0', it will fetch the suitable wavePackage corresponding to the tenant orac version.
Note publicWaveltem, public-WavePackage, and wavePackage are interchangeably used to define a wave package in Content Network public space.			
type	String	Mandatory	Specifies the type of the Job. The value should be IMPORT for creating an Content Network Import Job.
originLandscape	String	Optional	Specifies the landscape of the destination.
allObjects	Boolean	Mandatory	Specifies whether all the objects available in the package to be imported or not. Pass always true unless you have the list of objects you want to import.

Sample Response

When the POST method to create an import job is successful, then the system returns the job ID as the response. You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

3.6 Getting Job Status

You can get the status of a job in Content Network through an API.

API Request Details

You would need the following information to get the job status.

URL	/api/v1/content/jobs/{Job ID}
Request Type	GET
Content Type	application/json

Note

You should replace {Job ID} with the actual job ID for which you would need the status.

Response

You can go to [Status Codes \[page 33\]](#) to learn about the three-digit code in the response.

3.7 Getting Filtered List of Permitted Items

API Request Details

You would need the following information to get the list of permitted items.

URL	/api/v1/content/public/<parent_Item_ID>
Request Type	POST
Content Type	application/json
Query Parameters	Refer to the table below.

Sample Code

Sample Request Body

```
{
  "itemType": <"PACKAGE">,
  "permissions": ["LIST"],
  "tags": ["<Tag_ID>"]
}
```

Query Parameters

Name	Description	Type	Default Value	Supported Values
Permissions	List the items that the user has specific permissions for.	String	list	The default value is LIST . The supported values are list, read, write, and delete. Multiple values can be sent using the & operator.
itemType	Specify the type of items needs to be fetched	String.	ALL	The supported values are: <ul style="list-style-type: none">• PACKAGE• SUB-CATEGORY• ALL
tags	Specifies the tag IDs to filter the items	String	[]	You can check the supported tags with their IDs in Predefined Tags for Public Package [page 30] .

3.8 Predefined Tags for Public Package

Tag Category ID	Tag ID	Tag Display Text
INDUSTRY	AGRICULTURAL	Agricultural
	AUTOMOTIVE	Automotive
	BANKING	Banking
	CHEMICALS	Chemicals
	CONSUMERPRODUCTS	Consumer Products
	ENGINEERINGCONSTRUCTION&OPERATIONS	Engineering, Construction, & Operations

Tag Category ID	Tag ID	Tag Display Text
	HEALTHCARE	Health Care
	HIGHTECH	High Tech
	INSURANCE	Insurance
	MILLPRODUCTS	Mill Products
	MINING	Mining
	OIL&GAS	Oil & Gas
	OTHERS_INDUSTRY	Others
	PROFESSIONALSERVICES	Professional Services
	PUBLICSECTOR	Public Sector
	PUBLICSERVICES_HIGHEREDUCATIONRESEARCH	Public Services: Higher Education and Research
	REALESTATE	Real Estate
	RETAIL	Retail
	RURALSOURCINGMANAGEMENT	Rural Sourcing Management
	SPORTS	Sports
	TELECOMMUNICATION	Telecommunication
	TRADEMANAGEMENT	Trade Management
INDUSTRY	UTILITIES	Utilities
LINEOFBUSINESS	ADVANCEDCOMPLIANCEREPORTING	Advanced Compliance Reporting
	ENVIRONMENTHEALTHANDSAFETY	Environment, Health and Safety
	FIELDSEVICEMANAGEMENT	Field Service Management
	FINANCE	Finance
	HUMANRESOURCES	Human Resources
	INFORMATIONTECHNOLOGY	Information Technology
	INTEGRATEDBUSINESSPLANNING	Integrated Business Planning
	INTELLIGENTASSETMANAGEMENT	Intelligent Asset Management
	LIQUIDITYPLANNING	Liquidity Planning
	MANUFACTURING	Manufacturing
	MARKETING	Marketing
	OTHERS_LINEOFBUSINESS	Others
	PROCUREMENT	Procurement
	PRODUCTPLANNING	Product Planning
	RECEIVABLESMANAGEMENT	Receivables Management
	SALES	Sales
	SERVICE	Service

Tag Category ID	Tag ID	Tag Display Text
	SUPPLYCHAINMANAGEMENT	Supply Chain Management
	SURVEY(QUALTRICS)	Survey (Qualtrics)
	TAX	Tax
	TRAVEL&EXPENSE(CONCUR)	Travel & Expense (Concur)
	VENDORMANAGEMENT	Vendor Management

4 Status Codes

Status Codes



Response Code	Definition of Codes
200 - OK	Success
201 - OK	Success (Create Job)
202 - OK	Success (Delete Item)
400 - Bad Request	Failure
401 - Unauthorized	
403 - Forbidden	
404 - Not Found	
500 - Unexpected Error	

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