KooDrive

API Reference

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Contents

1 Before You Start

1.1 Overview

KooDrive is an online service provided by Huawei Cloud for government and enterprise customers. It provides functions such as data storage, access, synchronization, management, and collaboration. It is a one-stop digital content center for enterprises and enables efficient knowledge collaboration.

This document describes how to use application programming interfaces (APIs) to perform operations on KooDrive, such as adding file directories, obtaining file details, and renaming files. For details about all supported operations, see **API Overview**.

If you plan to access KooDrive through an API, ensure that you are familiar with KooDrive concepts. For details, see **Service Overview**.

1.2 API Calling

KooDrive supports Representational State Transfer (REST) APIs, allowing you to call APIs using HTTPS. For details about API calling, see **Calling APIs**.

1.3 Endpoints

An endpoint is the request address for calling an API. Endpoints vary depending on services and regions. Currently, KooDrive is deployed only in the **AP-Singapore** region, and the endpoint is **intl.myhuaweicloud-koodrive.com**.

1.4 Constraints

None

1.5 Concepts

- Account

  An account is created upon successful registration with Huawei Cloud. The account has full access permissions for all of its cloud services and resources. It can be used to reset user passwords and grant user permissions. The account is a payment entity and should not be directly used to perform routine management. For security purposes, create Identity and Access Management (IAM) users and grant them permissions for routine management.

- User

  A KooDrive user is created by the tenant administrator (also called system administrator) in the **KooDrive service plane**. After a KooDrive user logs in to the service system, an Access-Token (AT) is generated. The AT is used for verification and authentication of subsequent API calling.

- Region

  Regions are divided based on geographical location and network latency. Public services, such as Elastic Cloud Server (ECS), Elastic Volume Service (EVS), Object Storage Service (OBS), Virtual Private Cloud (VPC), Elastic IP (EIP), and Image Management Service (IMS), are shared within the same region. Regions are classified into universal regions and dedicated regions. A universal region provides universal cloud services for common tenants. A dedicated region provides specific services for specific tenants.

  For details, see **Region and AZ**.

- AZ

  An AZ contains one or more physical data centers. Each AZ has independent cooling, fire extinguishing, moisture-proof, and electricity facilities. Within an AZ, computing, network, storage, and other resources are logically divided into multiple clusters. AZs within a region are interconnected using high-speed optical fibers to support cross-AZ high-availability systems.

2 API Overview

Table 2-1 describes the KooDrive APIs.

Table 2-1 API overview

Type	Description
Batch Task Operations	Manage batch tasks, including creating a batch task, canceling a batch task, and listing batch tasks.
Department Management	Manage departments, including creating, modifying, deleting, and querying a department.
User Management	Manage users, including creating, modifying, deleting, and querying a user.
Space Management	Manage spaces, including creating, modifying, deleting, and querying a space.
Group Management	Manage groups, including creating and deleting a user group.
Session Management	Manage sessions, including session creation and update, sign-in, and sign-out.
Service Subscription	Obtain the subscription status of the management and control service.
Enterprise Settings	Set the time for deleting expired compressed packages generated during package download.
Cloud Decompression	List compressed package directories.
File List Query	List files in the individual space and department space.
File Management	Manage files, including obtaining details about a file, adding a file directory, uploading a file, and renaming a file.
File Favorites	Manage files in favorites, including adding files to favorites and listing files in favorites.

Type	Description
Sharing Management - Shared by You	Manage files shared by you, including sharing a file, obtaining sharing details, and modifying sharing.
Sharing Management - Shared with You	Manage files shared with you, including obtaining sharing details and removing yourself from shared files.
Sharing Management - Access Links	Manage access links, including obtaining sharing details and verifying a sharing code.
Collaboration Portal	Query files related to you and files that you recently visited.

3 Calling APIs

3.1 Making an API Request

This section describes the structure of a REST API request, and uses the KooDrive API for processing files as an example to demonstrate how to call an API.

Request URI

A request URI is in the following format:

{URI-scheme}://{Endpoint}/{resource-path}?{query-string}

Although a request URI is included in the request header, most programming languages or frameworks require the request URI to be transmitted separately.

Table 3-1 URI parameters

Parameter	Description
URI-scheme	Protocol used to transmit requests. All KooDrive APIs use HTTPS.
Endpoint	Domain name or IP address of the server bearing the REST service. The endpoint varies between services in different regions. Currently, KooDrive is deployed only in the **AP-Singapore** region, and the endpoint is **intl.myhuaweicloud-koodrive.com**.
resource-path	Access path of an API. Obtain the path from the URI of an API. For example, the **resource-path** of the API used to create a batch task is **/koodrive/ose/v1/jobs**.
query-string	This optional parameter is used to query the data of a parameter. Ensure that a question mark (?) is included before each query parameter that is in the format of *Parameter name*=*Parameter value*. For example, **?limit=10** indicates that a maximum of 10 data records will be displayed.

For example, to create a batch task in the **AP-Singapore** region, obtain the endpoint of KooDrive (**intl.myhuaweicloud-koodrive.com**) for this region and the **resource-path** (**/koodrive/ose/v1/jobs**) in the URI of the API used to create a batch task. Then, construct the URI as follows:

https://intl.myhuaweicloud-koodrive.com/koodrive/ose/v1/jobs

☐ NOTE

To simplify URI display, only the **resource-path** and request method are displayed. The **URI-scheme** of all APIs is **HTTPS**, and the endpoints of all APIs in the same region are identical.

Request Methods

The HTTP protocol defines the following request methods that can be used to send a request to the server:

Table 3-2 HTTP methods

Method	Description
GET	Request the server to return specified resources.
POST	Request the server to add resources or perform special operations.
DELETE	Request the server to delete specified resources, for example, an object.
PUT	Request the server to update specified resources.

For example, in the case of the API used to create a batch task, the request method is POST. The request is as follows:

POST https://intl.myhuaweicloud-koodrive.com/koodrive/ose/v1/jobs

Request Header

- **Content-Type**: (optional) request body type or format. The default value is **application/json**. Other values of this field will be provided for specific APIs if any.

- **Authorization**: authentication.

Request header example:

POST https://intl.myhuaweicloud-koodrive.com/koodrive/ose/v1/jobs
Content-Type: application/json
Authorization: xxx

Request Body

The body of a request is often sent in a structured format as specified in the **Content-Type** header field. The request body transfers content except the request header.

The request body varies between APIs. Some APIs do not require the request body, such as the APIs requested using the GET and DELETE methods.

For the API used to process files, an example of the request body is as follows:

```
{
    "taskType":1
    "actionType":101
    "dstContainerId": IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4
    "taskInfo": {
        "srcContainerId": "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4"
        "newFilePath": "Fm9UdqBNTAQDos6l1xPlFnIqXJg2-UdqA"
        "fileInfo": [
            {
                "fileId": "FuZmQ66CF0DdpKRG1Y29Iwajbq04Nhwu3"
            }

        ]
    }
}
```

If all data required for the API request is available, you can send the request to call the API through **curl**, **Postman**, or coding.

3.2 Authentication

Currently, KooDrive uses token-based authentication.

Requests are authenticated using a token.

Token-based Authentication

☐ NOTE

A token is valid for 20 minutes. If an API is called within the validity period of the token, the validity period is reset. If no operation is performed within the validity period, the token becomes invalid.

Ensure that the token is valid when you use it. Using a token that will soon expire may cause API calling failures.

A token specifies temporary permissions in a computer system. During API authentication using a token, the token is added to requests to get permissions for calling the API.

A token is obtained from the cookies after you log in to the service frontend. As shown in **Figure 3-1**, the value of **Authorization** is the AT to be obtained.

Figure 3-1 Obtaining a token
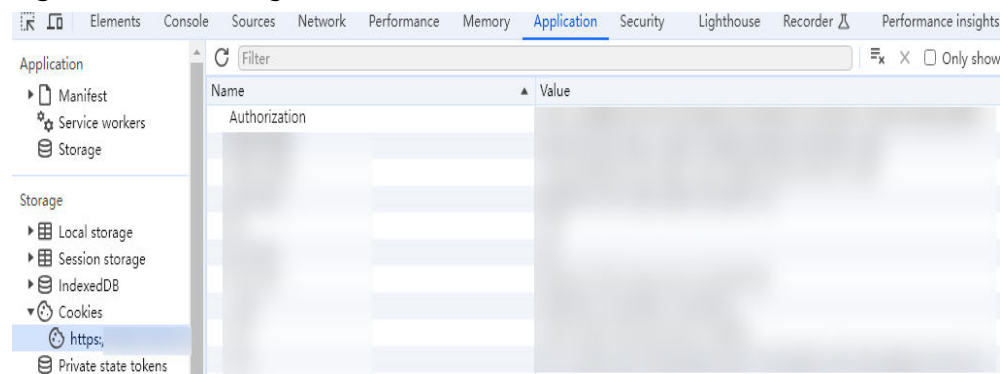
After a token is obtained, the **Authorization** header field must be added to requests to specify the token when calling other APIs. For example, if the token is **ABCDEFJ....**, **Authorization: ABCDEFJ....** can be added to a request as follows:

```
POST https://intl.myhuaweicloud-koodrive.com/koodrive/ose/v1/files/batch
Content-Type: application/json
Authorization: xxx
```

3.3 Response

Status Code

After sending a request, you will receive a response, including a status code, response header, and response body.

A status code is a group of digits, ranging from 1xx to 5xx. It indicates the status of a request. For more information, see **Status Codes**.

For example, if status code **0** is returned for calling the API used to process files, the request is successful.

Response Header

Similar to a request, a response also has a header, for example, **Content-Type**.

Figure 3-2 shows the response header of the API used to process files.

Figure 3-2 Response header

Response Body

The body of a response is often returned in structured format as specified in the **Content-Type** header field. The response body transfers content except the response header.

The following is part of the response body for the API used to process files.

```
{
    "data": "1309243162258308352"
    "code": 0,
    "msg": "success"
}
```

If an error occurs during API calling, an error code and a message will be displayed. The following shows an error response body.

```
{
    "code": 13000201,
    "msg": "inner server invoke failure"
}
```

In the response body, **code** is an error code, and **msg** provides information about the error.

4 API

4.1 Batch Task Operations

4.1.1 Listing Batch Tasks

Function

List batch tasks.

URI

GET /koodrive/ose/v1/jobs

Table 4-1 Query Parameters

Parameter	Mandatory	Type	Description
type	No	Integer	Task type.
status	No	Integer	Task status.
offset	Yes	Integer	Offset. Minimum value: 0.
limit	Yes	Integer	Maximum number of records to be returned. Value range: 1 to 100.

Request Parameters

Table 4-2 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-3 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
data	Array of **JobInfo** objects	Batch task list.

Table 4-4 JobInfo

Parameter	Type	Description
taskId	String	Task ID.
taskName	String	Task name.
userId	String	Task creator ID.
taskType	Integer	Task type.
actionType	Integer	Operation type.
status	Integer	Task status.
taskResultCod e	Integer	Task result.
resultCode	Integer	Task result code.
contentNum	Integer	Number of request files.
containerId	String	Target space ID in cross-space scenarios.
tenantId	String	Tenant ID.
beginTime	String	Task start time.
endTime	String	Task end time.
createTime	String	Time creation time.

Status code: 400

Table 4-5 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 401

Table 4-6 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 500

Table 4-7 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Example Requests

Request for listing batch tasks.

```
GET /koodrive/ose/v1/jobs?offset=0&limit=2

Authorization:Bearer+10f88*************5a544791e9ff
```

Example Responses

Status code: 200

Returns the queried task list.

```
{
  "data" : [ {
    "taskId" : "1320279189273965056",
    "taskType" : 2,
    "actionType" : 201,
    "status" : 2,
    "taskResultCode" : 1,
    "contentNum" : 1,
    "containerId" : "IAADfsBFCO6WtAtuA9add2fea594e4e75b8feb8474ef236",
    "beginTime" : "20231227151904",
    "endTime" : "20231227151904",
    "createTime" : "20231227151904"
  }, {
    "taskId" : "1320279092268104960",
    "taskType" : 2,
    "actionType" : 201,
    "status" : 2,
    "taskResultCode" : 1,
    "contentNum" : 4,
    "containerId" : "IAADfsBFCO6WtAtuA9add2fea594e4e75b8feb8474ef236",
    "beginTime" : "20231227151852",
    "endTime" : "20231227151852",
    "createTime" : "20231227151852"
  } ],
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Returns the queried task list.
400	Bad Request

Status Code	Description
401	Unauthorized
500	Internal Server Error

4.1.2 Creating a Batch Task

Function

Create a batch task.

URI

POST /koodrive/ose/v1/jobs

Request Parameters

Table 4-8 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-9 Request body parameters

Parameter	Mandatory	Type	Description
taskType	Yes	Integer	Task type. ● **1**: batch replication. ● **2**: batch deletion. ● **3**: batch relocation. ● **4**: batch restoration of recycle bin data. ● **5**: cloud decompression. ● **6**: package download.
actionType	No	Integer	Operation type, which is a subdivision of **taskType**. This parameter is used only when **taskType** is set to **1**, **2**, or **3**. ● **101**: replication and dumping. ● **201**: logical deletion (moved to the recycle bin). ● **202**: permanent deletion. ● **301**: common relocation. ● **501**: compressed package preview. ● **502**: full decompression. ● **503**: partial decompression.
taskInfo	Yes	**CreateTaskInfoReq** object	Request for creating a batch task.
dstContainerId	Yes	String	Target space ID.
password	No	String	Compressed package password.

Table 4-10 CreateTaskInfoReq

Parameter	Mandatory	Type	Description
fileInfo	Yes	Array of **fileInfo** objects	File/Directory ID.
newFilePath	No	String	New file path.
srcContainerId	Yes	String	Source space ID.

Parameter	Mandatory	Type	Description
uncompressFil ePaths	No	Array of strings	List of full paths of partially decompressed files in the compressed package.

Table 4-11 fileInfo

Parameter	Mandatory	Type	Description
fileId	Yes	String	File ID.
filePath	No	String	Full file path, including **fileId**.

Response Parameters

Status code: 200

Table 4-12 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.
data	String	Task ID.

Status code: 400

Table 4-13 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 401

Table 4-14 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 500

Table 4-15 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Example Requests

Request for copying files.

```
POST /koodrive/ose/v1/jobs

Authorization:Bearer+10f88d07fa************44791e9ff
{
    "taskType":1 ,
    "actionType":101 ,
    "dstContainerId": "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4" ,
    "taskInfo": {
        "srcContainerId": "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
        "newFilePath": "Fm9UdqBNTAQDos6l1xPlFnIqXJg2-UdqA" ,
        "fileInfo": [
            {
                "fileId": "FuZmQ66CF0DdpKRG1Y29Iwajbq04Nhwu3"
            }
        ]
    }
}
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
    "data": "13092431622258308352"
    "code": 0,
    "msg": "success"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.
400	Bad Request
401	Unauthorized
500	Internal Server Error

4.1.3 Querying Details About a Batch Task

Function

Query details about a batch task.

URI

GET /koodrive/ose/v1/{job_id}

Table 4-16 Path Parameters

Parameter	Mandatory	Type	Description
job_id	Yes	String	Batch task ID.

Request Parameters

Table 4-17 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-18 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
data	**data** object	Task details.

Table 4-19 data

Parameter	Type	Description
jobInfo	**JobDetailInfo** object	Task information.
taskInfos	Array of **TaskInfo** objects	Task details list.
uncompressed FileList	Array of **Uncompresse dFileInfo** objects	Information about files in the compressed package.

Table 4-20 JobDetailInfo

Parameter	Type	Description
taskId	String	Task ID.
taskName	String	Task name.
userId	String	Task creator ID.
taskType	Integer	Task type.
actionType	Integer	Operation type.
status	Integer	Task status.
taskResultCod e	Integer	Task result.
resultCode	Integer	Task result code.
progress	Integer	Task progress. This parameter is returned in an asynchronous task, for example, a package download task.
downloadUrl	String	Download link. This parameter is used only when the task type is package download.

Parameter	Type	Description
contentNum	Integer	Number of request files.
containerId	String	Target space ID in cross-space scenarios.
tenantId	String	Tenant ID.
beginTime	String	Task start time.
endTime	String	Task end time.
createTime	String	Time creation time.

Table 4-21 TaskInfo

Parameter	Type	Description
fileId	String	File/Directory ID.
status	String	Task processing status. • **0**: pending. • **1**: successful. • **2**: failed.
newFileId	String	New ID after operation.
srcContainerId	String	Source container ID (source space ID corresponding to **fileId**). This parameter is mandatory only for batch replication across spaces.
resultCode	String	File operation result code.
resultDesc	String	File operation result description.

Table 4-22 UncompressedFileInfo

Parameter	Type	Description
containerId	String	Space ID after decompression. This parameter is returned only for decompression.
fileId	String	ID of the decompressed file. This parameter is returned only for decompression.
name	String	Full path of the file or folder in the compressed package.
fileSize	Long	File size, in bytes.

Parameter	Type	Description
type	Integer	For details, see the definition of **fileType**. ● **1**: content. ● **2**: directory.
updatedAt	Long	Millisecond timestamp of file modification.
subFileList	Array of **SubFileList** objects	List of sub-files and sub-directories (expanded only for directories).
reason	String	Failure cause. If the operation is successful, this parameter is null.
code	String	Error code.
reservatioinInfo	Object	Reserved field.

Table 4-23 SubFileList

Parameter	Type	Description
containerId	String	Space ID.
name	String	File name.
type	Integer	File type.
updatedAt	Integer	Update time.
code	String	Error code.
fileId	String	File ID.
fileSize	Integer	File size.

Status code: 400

Table 4-24 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 401

Table 4-25 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 500

Table 4-26 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Example Requests

Queries details about a batch task.

```
GET /koodrive/ose/v1/1309243162258308352

Authorization:Bearer+10f8***********a544791e9ff
```

Example Responses

Status code: 200

Returns queried task details.

```json
{
  "data" : {
    "jobInfo" : {
      "taskId" : "1309243162258308352",
      "userId" : "40086000004871666-369528171409614001",
      "taskType" : 1,
      "actionType" : 101,
      "status" : 2,
      "progress" : 100,
      "taskResultCode" : 1,
      "contentNum" : 1,
      "containerId" : "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
      "tenantId" : "40086000004871666",
      "beginTime" : "20231212095227",
      "endTime" : "20231212095227",
      "createTime" : "20231212095227"
    },
    "taskInfos" : [ {
      "fileId" : "FuZmQ66CF0DdpKRG1Y29Iwajbq04Nhwu3",
      "status" : "1",
      "newFileId" : "FtEXHCpfqHueAHFbEmWZNkqUH_K866MVn",
      "srcContainerId" : "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4"
    } ]
  },
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Returns queried task details.
400	Bad Request
401	Unauthorized
500	Internal Server Error

4.1.4 Cancelling a Batch Task

Function

Cancel a batch task whose status is **0** (to be processed) or **1** (processing). After the task is canceled, the task scheduling module ignores its record.

URI

POST /koodrive/ose/v1/cancel

Request Parameters

Table 4-27 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-28 Request body parameters

Parameter	Mandatory	Type	Description
jobId	Yes	String	Task ID.

Response Parameters

Status code: 200

Table 4-29 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 400

Table 4-30 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Status code: 401

Table 4-31 Response body parameters

Parameter	Type	Description
code	String	Response code.

Parameter	Type	Description
msg	String	Response description.

Status code: 500

Table 4-32 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response description.

Example Requests

Cancels a batch task.

```
POST /koodrive/ose/v1/cancel

Authorization:Bearer+10f*************791e9ff
{
    "jobId":"1289250105886769024"
}
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
 "code" : 0,
 "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.
400	Bad Request
401	Unauthorized
500	Internal Server Error

4.2 Department Management

4.2.1 Listing Departments

Function

List sub-departments under an organization or department. Only the top-level sub-departments are returned. To query sub-department of the lowest level, use the caller to perform recursive query.

URI

GET /koodrive/ose/v1/departmentList

Table 4-33 Query Parameters

Parameter	Mandatory	Type	Description
departmentId	No	String	Department ID. If no value is passed, the root department ID is used.
keyWord	No	String	Search keyword. You can use **name** as the search criterion.

Request Parameters

Table 4-34 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-35 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
data	Array of **departmentInfo** objects	Department list.

Table 4-36 departmentInfo

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
id	String	Department ID.
orgId	String	ID of the organization created in OrgID.
deptId	String	ID of the department created in OrgID.
parentId	String	ID of the parent department in KooDrive.
name	String	Department name.
tenantId	String	Tenant ID.

Example Requests

Lists sub-departments under department **1245640257345455489**.

GET /koodrive/ose/v1/departmentList?departmentId=1245640257345455489

Authorization:Bearer+10f88*********4791e9ff

Example Responses

Status code: 200

Returns the list of sub-departments under an organization or department.

```
{
 "list" : [ {
   "id" : "1248723349513736065",
   "orgId" : "9190086000001210958",
   "deptId" : "b06f091567064db9a1f6a7dc8d08e8a7",
   "parentId" : "1245640257345455489",
   "name" : "sub11rt",
   "tenantId" : "40086000004871666"
 }, {
   "id" : "1252924812435692416",
   "orgId" : "9190086000001210958",
   "deptId" : "f63c3008420c4c55b3963b6191096e2e",
   "parentId" : "1245640257345455489",
   "name" : "1234666",
   "tenantId" : "40086000004871666"
 } ],
 "code" : 0,
 "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Returns the list of sub-departments under an organization or department.

4.2.2 Querying a Department

Function

Query the information about a department.

URI

GET /koodrive/ose/v1/departments/{department_id}

Table 4-37 Path Parameters

Parameter	Mandatory	Type	Description
department_id	Yes	String	Department ID.

Request Parameters

Table 4-38 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-39 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
id	String	Department ID.
orgId	String	ID of the organization created in OrgID.
deptId	String	ID of the department created in OrgID.
parentId	String	ID of the parent department in KooDrive.
name	String	Department name.
tenantId	String	Tenant ID.

Example Requests

Queries information about department **1319678187126486144**.

```
GET /koodrive/ose/v1/departments/1319678187126486144

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Department information.

```
{
  "id" : "1319678187126486144",
  "orgId" : "9190086000001210958",
  "deptId" : "a4fd0d798f5344ccac2c695646ef66d3",
  "parentId" : "1245640257345455489",
  "name" : "test16",
  "tenantId" : "40086000004871666",
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Department information.

4.2.3 Creating a Department

Function

Create a department and allocate a space to the department.

URI

POST /koodrive/ose/v1/departments

Request Parameters

Table 4-40 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-41 Request body parameters

Parameter	Mandatory	Type	Description
name	Yes	String	Department name.
parentId	Yes	String	Parent department ID.

Response Parameters

Status code: 200

Table 4-42 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error description.

Parameter	Type	Description
failedList	Array of strings	Failure list.

Example Requests

Creates a department named **test16** under department whose ID is **1245640257345455489**.

```
POST /koodrive/ose/v1/departments

Authorization:Bearer+10f88*********4791e9ff

{
  "name": "test16",
  "parentId": "1245640257345455489"
}
```

Example Responses

Status code: 200

Department creation result.

```
{
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Department creation result.

4.2.4 Modifying a Department

Function

Modify the information about a department (including the team space).

URI

PUT /koodrive/ose/v1/departments/{department_id}

Table 4-43 Path Parameters

Parameter	Mandatory	Type	Description
department_i d	Yes	String	Department ID.

Request Parameters

Table 4-44 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-45 Request body parameters

Parameter	Mandatory	Type	Description
name	Yes	String	Department name.
parentId	Yes	String	Parent department ID.

Response Parameters

Status code: 200

Table 4-46 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Modifies the information about the department **1319678187126486144**.

```
PUT /koodrive/ose/v1/departments/1319678187126486144

Authorization:Bearer+10f88**********4791e9ff

{
   "name" : "test16",
   "parentId" : "1243696974704704000"
}
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
 "code" : 0,
 "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.2.5 Deleting a Department

Function

Delete a department and its team space.

URI

DELETE /koodrive/ose/v1/departments/{department_id}

Table 4-47 Path Parameters

Parameter	Mandatory	Type	Description
department_id	Yes	String	Department ID.

Request Parameters

Table 4-48 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-49 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Deletes department **1319678187126486144**.

```
DELETE /koodrive/ose/v1/departments/1319678187126486144

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
 "code" : 0,
 "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.3 User Management

4.3.1 Listing Users

Function

List users in a department. If **department_id** is not specified, the user list of the organization to which the current sign-in user belongs is queried.

URI

GET /koodrive/ose/v1/userList

Table 4-50 Query Parameters

Parameter	Mandatory	Type	Description
deptId	No	String	Department ID.
isDirect	No	Boolean	Whether the user belongs to the root department. Default value: false.
offset	Yes	String	Offset. Minimum value: 0.

Parameter	Mandatory	Type	Description
limit	Yes	String	Maximum number of records to be returned. Value range: 1 to 100.
keyWord	No	String	Search keyword. You can use **name** as the search criterion.

Request Parameters

Table 4-51 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+{*access_token*}.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-52 Response body parameters

Parameter	Type	Description
code	String	Response code.

Parameter	Type	Description
msg	String	Response message.
data	Array of **userInfo** objects	User information.

Table 4-53 userInfo

Parameter	Type	Description
name	String	Name.
userId	String	User ID.
deptId	String	Department ID.
deptName	String	Department name.
mobile	String	Mobile number.
role	Integer	Role.
status	Integer	Status.
id	String	Third-party user ID.

Example Requests

Lists 10 users in department **1243693141656107521**, starting from the first user.

GET /koodrive/ose/v1/userList?deptId=1243693141656107521&offset=0&limit=10

Authorization:Bearer+10f88**********4791e9ff

Example Responses

Status code: 200

User list information.

```
{
 "list": [
   {
     "id": "13160837323770071000VW5TYWZlSW50ZWdlcg==",
     "userId": "1008600000293202821",
     "deptId": "1243693141656107500VW5TYWZlSW50ZWdlcg==",
     "deptName": "newDept",
     "mobile": "0086181****8439",
     "name": "Sam",
     "role": 1,
     "status": 0,
   },
   {
     "id": "13157838525559526700VW5TYWZlSW50ZWdlcg==",
     "userId": "1008600000292227464",
     "deptId": "1243693141656107500VW5TYWZlSW50ZWdlcg==",
```

```
      "deptName": "newDept",
      "mobile": "0086151****8338",
      "name": "test123",
      "role": 1,
      "status": 2
    }
  ],
  "total": 2,
  "code": 0,
  "msg": "success"
}
```

Status Codes

Status Code	Description
200	User list information.

4.3.2 Querying Information About a User

Function

Query the information about a user.

URI

GET /koodrive/ose/v1/users/{user_id}

Table 4-54 Path Parameters

Parameter	Mandatory	Type	Description
user_id	Yes	String	User ID.

Request Parameters

Table 4-55 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-56 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
data	**userInfo** object	User information.

Table 4-57 userInfo

Parameter	Type	Description
name	String	Name.
userId	String	User ID.
deptId	String	Department ID.
deptName	String	Department name.
mobile	String	Mobile number.
role	Integer	Role.
status	Integer	Status.
id	String	Third-party user ID.

Example Requests

Queries the information about user **1316083732377070977**.

GET /koodrive/ose/v1/users/1316083732377070977

Authorization:Bearer+10f88*********4791e9ff

Example Responses

Status code: 200

User information.

```
{
 "data": {
   "id": "1316083732377070977",
   "orgId": "9190086000001210958",
   "userId": "1008600000293202821",
   "deptId": "1243693141656107521",
   "deptName": "newDept",
   "mobile": "0086181****8439",
    "name": "Sam",
   "role": 1,
   "status": 0,
 },
 "code": 0,
 "msg": "success"
}
```

Status Codes

Status Code	Description
200	User information.

4.3.3 Counting Members in an Organization or Department

Function

Count members in a department or organization. If **dept_id** is not specified, the number of all members in the current organization is queried.

URI

GET /koodrive/ose/v1/users/count

Table 4-58 Query Parameters

Parameter	Mandatory	Type	Description
deptId	No	String	Department ID.

Request Parameters

Table 4-59 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-60 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
total	Integer	Total number of records.

Example Requests

Counts members in the current organization.

```
GET /koodrive/ose/v1/users/count?deptId=

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Total number of members.

```
{
  "total" : 218,
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Total number of members.

4.3.4 Creating a User

Function

Create a user.

URI

POST /koodrive/ose/v1/users

Request Parameters

Table 4-61 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-62 Request body parameters

Parameter	Mandatory	Type	Description
userId	Yes	String	User ID.

Response Parameters

Status code: 200

Table 4-63 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Creates a user whose **userId** in OrgID is **1008600000029937613**.

```
POST /koodrive/ose/v1/users

Authorization:Bearer+10f88**********4791e9ff

{
  "userId": "1008600000029937613"
}
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.3.5 Modifying a User

Function

Modify the information about a user.

URI

PUT /koodrive/ose/v1/users/{user_id}

Table 4-64 Path Parameters

Parameter	Mandatory	Type	Description
user_id	Yes	String	User ID.

Request Parameters

Table 4-65 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-66 Request body parameters

Parameter	Mandatory	Type	Description
deptId	No	Long	KooDrive department ID.
role	No	Integer	Role. ● **0**: common administrator. ● **1**: common user. ● **2**: super administrator.
status	No	Integer	User account status. Default value: 0. ● **0**: enabled (can be used for sign-in). ● **1**: disabled (cannot be used for sign-in).

Response Parameters

Status code: 200

Table 4-67 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Modifies the information about user **1289290865663084545**.

```
PUT /koodrive/ose/v1/users/1289290865663084545

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.3.6 Deleting a User

Function

Delete a user and the corresponding resources.

URI

DELETE /koodrive/ose/v1/users/{user_id}

Table 4-68 Path Parameters

Parameter	Mandatory	Type	Description
user_id	Yes	String	User ID.

Request Parameters

Table 4-69 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-70 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Deletes user **1244780780316557312** and the corresponding resources.

```
DELETE /koodrive/ose/v1/users/1244780780316557312
```

```
Authorization:Bearer+10f88*********4791e9ff
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.3.7 Querying the Mobile Number of a User

Function

Query the mobile number of a user.

URI

GET /koodrive/ose/v1/users/mobile/{user_id}

Table 4-71 Path Parameters

Parameter	Mandatory	Type	Description
user_id	Yes	String	User ID.

Request Parameters

Table 4-72 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-73 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
mobile	String	Mobile number.

Example Requests

None

Example Responses

None

Status Codes

Status Code	Description
200	Mobile number of a user.

4.4 Space Management

4.4.1 Listing Departments Spaces

Function

List department spaces.

URI

GET /koodrive/ose/v1/space/departmentList

Table 4-74 Query Parameters

Parameter	Mandatory	Type	Description
offset	Yes	String	Offset. Minimum value: 0.
limit	Yes	String	Maximum number of records to be returned. Value range: 1 to 100.
keyWord	No	String	Search keyword. You can use **name** and **administrator** as the search criteria.

Request Parameters

Table 4-75 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-76 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.
total	String	Total number of records.
departments	Array of **departmentSpaceInfo** objects	Department space information.

Table 4-77 departmentSpaceInfo

Parameter	Type	Description
id	String	Department ID.
parentId	String	ID of the parent department in KooDrive.
name	String	Department name.
administrators	String	Administrators of the department.
status	String	Space status.
capacity	Long	Space size.
spaceUsed	String	Size of the used space.
containerId	String	Space ID.
bizRootFileId	String	ID of the KooDrive root directory.
tenantId	String	Tenant ID.
userNum	Integer	Number of users.
createTime	String	Creation time.
modifier	String	ID of the user who updated the information.
updateTime	String	Update time.
ownerId	String	Owner ID.
bizSboxFileId	String	ID of the safe root directory.

Example Requests

Lists the spaces of up to 10 departments.

GET /koodrive/cloudfile/v1/space/departmentList?offset=0&limit=10

Authorization:Bearer+10f88*********4791e9ff

Example Responses

Status code: 200

Department space list.

```
{
  "total" : 364,
  "departments" : [ {
    "tenantId" : "40086000004871666",
    "creator" : "369528171409614001",
    "createTime" : "2023-11-14T20:39:06.000Z",
    "modifier" : "369528171409614001",
    "updateTime" : "2023-12-26T11:40:08.000Z",
    "ownerId" : "1289173668999530369",
    "status" : 0,
```

```
      "capacity" : 1,
      "spaceUsed" : 654777,
      "containerId" : "IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b",
      "bizRootFileId" : "DEUI7pa0C24ArootIAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b",
      "bizSboxFileId" : "DEUI7pa0C24AsboxIAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b",
      "id" : "1289173668999530369",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953477584",
      "userNum" : 1
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173650183882753",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953475619"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173631275960193",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953473454"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173612200265729",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953470101"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173593258788737",
      "parentId" : "1289171275545118721",
      "name" : "Department 169995346896"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173574392809473",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953466973"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173555140953985",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953463567"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173535931041664",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953461741"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173517174114305",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953459399"
    }, {
      "tenantId" : "40086000004871666",
      "id" : "1289173498115196929",
      "parentId" : "1289171275545118721",
      "name" : "Department 1699953457405"
    } ],
    "code" : 0,
    "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Department space list.

4.4.2 Querying Space Information

Function

Query the space information of an individual, department, or group.

URI

GET /koodrive/ose/v1/space/{owner_id}

Table 4-78 Path Parameters

Parameter	Mandatory	Type	Description
owner_id	Yes	String	Owner ID.

Table 4-79 Query Parameters

Parameter	Mandatory	Type	Description
type	Yes	String	Space type. • **0**: department. • **1**: individual. • **2**: group.

Request Parameters

Table 4-80 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-81 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
data	**SpaceInfo** object	Space information.

Table 4-82 SpaceInfo

Parameter	Type	Description
type	String	Owner type. **0**: department space; **1**: individual space; **2**: group space.
status	String	Status.
ownerId	String	Space owner. 1. For a department space, the department ID is returned. 2. For an individual space, the user ID is returned. 3. For a group space, the group ID is returned.
containerId	String	Space ID.
bizRootFileId	String	ID of the service root directory, which stores unencrypted common files.
bizSboxFileId	String	ID of the service safe directory, which stores encrypted files.
capacity	String	Space size.

Parameter	Type	Description
spaceUsed	String	Size of the used space.
administrators	String	1. For a department space, administrator names are returned. Multiple administrators are separated by commas (,). 2. For a group space, the owner name is returned.
tenantId	String	Tenant ID.
creator	String	Creator.
createTime	String	Creation time.
modifier	String	ID of the user who updated the information.
updateTime	String	Update time.
userNum	String	Number of users.
rootFileId	String	ID of the space root directory.

Example Requests

Queries the space information of user **369528171409614001**.

GET /koodrive/ose/v1/space/369528171409614001?type=1

Authorization:Bearer+10f88*********4791e9ff

Example Responses

Status code: 200

Space information.

```
{
  "data" : {
    "tenantId" : "40086000004871666",
    "creator" : "369528171409614001",
    "createTime" : "2023-11-07T20:36:35.000Z",
    "modifier" : "369528171409614001",
    "updateTime" : "2023-12-26T11:40:07.000Z",
    "ownerId" : "369528171409614001",
    "type" : 1,
    "status" : 0,
    "capacity" : 800,
    "spaceUsed" : 91966408,
    "containerId" : "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
    "rootFileId" : "HFFdIb642fU51JWKAUlP6mwUVc8oDNKbO",
    "bizRootFileId" : "DEUI7pa0C24ArootIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
    "bizSboxFileId" : "DEUI7pa0C24AsboxIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4"
  },
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Space information.

4.4.3 Creating a Space for a Department or Individual

Function

Create a space for a department or individual.

URI

POST /koodrive/ose/v1/space/{owner_id}

Table 4-83 Path Parameters

Parameter	Mandatory	Type	Description
owner_id	Yes	String	Owner ID.

Request Parameters

Table 4-84 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-85 Request body parameters

Parameter	Mandatory	Type	Description
capacity	Yes	String	Requested space size.
type	Yes	Integer	Space type. • **0**: department. • **1**: individual.

Response Parameters

Status code: 200

Table 4-86 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Creates a space of 1 GB for department **1289173650183882753**.

```
POST /koodrive/ose/v1/space/1289173650183882753

Authorization:Bearer+10f88**********4791e9ff

{
  "capacity": 1,
  "type": 0
}
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.4.4 Modifying Space Information

Function

Modify the space information of a department or individual.

URI

PUT /koodrive/ose/v1/space/{owner_id}

Table 4-87 Path Parameters

Parameter	Mandatory	Type	Description
owner_id	Yes	String	Space owner. The value can be a department or a user ID.

Request Parameters

Table 4-88 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-89 Request body parameters

Parameter	Mandatory	Type	Description
status	No	String	Space status. ● **0**: normal (A space has been allocated and can be used.) ● **1**: disabled (A space has been allocated, but the used space cannot be accessed.)
capacity	No	String	Capacity.
type	Yes	Integer	Space type. ● **0**: department. ● **1**: individual.

Response Parameters

Status code: 200

Table 4-90 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Updates the space size of department **1289173650183882753** to 1 GB.

```
PUT /koodrive/ose/v1/space/1289173650183882753

Authorization:Bearer+10f88**********4791e9ff

{
  "status": 1,
  "type": 0
}
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.4.5 Deleting a Space

Function

Delete a space.

URI

DELETE /koodrive/ose/v1/space/{owner_id}

Table 4-91 Path Parameters

Parameter	Mandatory	Type	Description
owner_id	Yes	String	Owner ID.

Table 4-92 Query Parameters

Parameter	Mandatory	Type	Description
type	Yes	Integer	Space type. • **0**: department. • **1**: individual.

Request Parameters

Table 4-93 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-94 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Deletes the space of department **1289173650183882753**.

```
DELETE /koodrive/ose/v1/space/1289173650183882753?type=0

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.4.6 Querying Space Details by Space ID

Function

Query space details by space ID. This API applies only to machine-to-machine calling.

URI

GET /koodrive/ose/v1/space/container/{container_id}

Table 4-95 Path Parameters

Parameter	Mandatory	Type	Description
container_id	Yes	String	Space ID.

Request Parameters

Table 4-96 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-97 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
data	**SpaceInfo** object	Space information.

Table 4-98 SpaceInfo

Parameter	Type	Description
type	String	Owner type. **0**: department space; **1**: individual space; **2**: group space.
status	String	Status.
ownerId	String	Space owner. 1. For a department space, the department ID is returned. 2. For an individual space, the user ID is returned. 3. For a group space, the group ID is returned.
containerId	String	Space ID.
bizRootFileId	String	ID of the service root directory, which stores unencrypted common files.
bizSboxFileId	String	ID of the service safe directory, which stores encrypted files.
capacity	String	Space size.
spaceUsed	String	Size of the used space.
administrators	String	1. For a department space, administrator names are returned. Multiple administrators are separated by commas (,). 2. For a group space, the owner name is returned.
tenantId	String	Tenant ID.
creator	String	Creator.
createTime	String	Creation time.
modifier	String	ID of the user who updated the information.
updateTime	String	Update time.
userNum	String	Number of users.
rootFileId	String	ID of the space root directory.

Example Requests

Queries details about a space whose ID is IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b.

GET /koodrive/ose/v1/space/container/IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b

Authorization:Bearer+10f88**********4791e9ff

Example Responses

Status code: 200

Space details.

```
{
  "data" : {
    "tenantId" : "40086000004871666",
    "creator" : "369528171409614001",
    "createTime" : "2023-11-14T20:39:06.000Z",
    "modifier" : "369528171409614001",
    "updateTime" : "2023-12-27T03:41:49.000Z",
    "ownerId" : "1289173668999530369",
    "type" : 0,
    "status" : 0,
    "capacity" : 1,
    "spaceUsed" : 654777,
    "containerId" : "IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b",
    "rootFileId" : "HFaETMi24qYqOM5KQmpNY2ATjKJeAunIK",
    "bizRootFileId" : "DEUI7pa0C24ArootIAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b",
    "bizSboxFileId" : "DEUI7pa0C24AsboxIAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b"
  },
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Space details.

4.4.7 Querying Information About a Team Space

Function

Query information about a team space.

URI

GET /koodrive/ose/v1/space/teamList

Table 4-99 Query Parameters

Parameter	Mandatory	Type	Description
offset	Yes	Integer	Offset. Minimum value: 0.
limit	Yes	Integer	Maximum number of records to be returned. Value range: 1 to 100.

Parameter	Mandatory	Type	Description
keyWord	No	String	Search keyword. You can use **name** and **ownerNamer** as the search criteria.

Request Parameters

Table 4-100 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+{*access_token*}.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-101 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.
total	String	Total number of records.

Parameter	Type	Description
teams	Array of **TeamSpaceInfo** objects	Team space list.

Table 4-102 TeamSpaceInfo

Parameter	Type	Description
id	String	ID of the department, user group, or group to which the space belongs.
groupName	String	Team space name, which is a department or user group name.
status	Integer	Space status.
capacity	Integer	Space size.
spaceUsed	String	Size of the used space.
containerId	String	Space ID.
userNum	Integer	Number of users.
ownerId	String	Owner ID.
ownerName	String	Owner name.
tenantId	String	Tenant ID.
creator	String	Creator.
createTime	String	Creation time.
modifier	String	ID of the user who updated the information.
updateTime	String	Update time.
bizRootFileId	String	ID of the space root directory.
bizSboxFileId	String	ID of the space safe directory.
iconUrl	String	Icon link.
top	Integer	Whether this record is pinned to top.
role	Integer	Role.
deptNamePath	String	Department location.

Example Requests

Queries the space information of team **369528171409614001**.

GET /koodrive/ose/v1/space/teamList

Authorization:Bearer+10f88**********4791e9ff

Example Responses

Status code: 200

Space information.

```
{
  "data" : {
    "tenantId" : "40086000004871666",
    "creator" : "369528171409614001",
    "createTime" : "2023-11-07T20:36:35.000Z",
    "modifier" : "369528171409614001",
    "updateTime" : "2023-12-26T11:40:07.000Z",
    "ownerId" : "369528171409614001",
    "type" : 1,
    "status" : 0,
    "capacity" : 800,
    "spaceUsed" : 91966408,
    "containerId" : "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
    "rootFileId" : "HFFdIb642fU51JWKAUlP6mwUVc8oDNKbO",
    "bizRootFileId" : "DEUI7pa0C24ArootIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
    "bizSboxFileId" : "DEUI7pa0C24AsboxIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4"
  },
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Space information.

4.4.8 Creating a Group Space

Function

Create a group space.

URI

POST /koodrive/ose/v1/space/group

Request Parameters

Table 4-103 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-104 Request body parameters

Parameter	Mandatory	Type	Description
name	Yes	String	Space name.
userIds	No	Array of strings	Team members.
iconUrl	No	String	Space profile picture.
capacity	No	Integer	Space size.

Response Parameters

Status code: 200

Table 4-105 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error description.
failedList	Array of strings	Failure list.

Example Requests

Creates a space of 20 GB for a group.

```
POST /koodrive/ose/v1/space/

Authorization:Bearer+10f88**********4791e9ff

{
    "name": "API Demo",
    "capacity": 20,
    "iconUrl": "1",
    "userIds": []
}
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
"id" : "xxx",
"failedList" : [ ],
"code" : 0,
"msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.4.9 Listing Group Spaces in an Enterprise

Function

List group spaces in an enterprise. (Only tenant administrators have the permission to call this API.)

URI

GET /koodrive/ose/v1/space/groupList

Table 4-106 Query Parameters

Parameter	Mandatory	Type	Description
offset	Yes	Integer	Offset. Minimum value: 0.
limit	Yes	Integer	Maximum number of records to be returned. Value range: 1 to 100.
keyWord	No	String	Search keyword. You can use **name** and **ownerNamer** as the search criteria.

Request Parameters

Table 4-107 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-108 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.
total	Integer	Total number of records.
groupsTotal	Integer	Total number of groups.
groupsMax	Integer	Maximum number of groups.
assignedCapacity	String	Assigned capacity.
maxCapacity	String	Maximum capacity.
groups	Array of **TeamSpaceInfo** objects	Group space information.

Table 4-109 TeamSpaceInfo

Parameter	Type	Description
id	String	ID of the department, user group, or group to which the space belongs.
groupName	String	Team space name, which is a department or user group name.
status	Integer	Space status.
capacity	Integer	Space size.
spaceUsed	String	Size of the used space.
containerId	String	Space ID.
userNum	Integer	Number of users.
ownerId	String	Owner ID.
ownerName	String	Owner name.
tenantId	String	Tenant ID.
creator	String	Creator.
createTime	String	Creation time.

Parameter	Type	Description
modifier	String	ID of the user who updated the information.
updateTime	String	Update time.
bizRootFileId	String	ID of the space root directory.
bizSboxFileId	String	ID of the space safe directory.
iconUrl	String	Icon link.
top	Integer	Whether this record is pinned to top.
role	Integer	Role.
deptNamePath	String	Department location.

Example Requests

Lists group spaces in an enterprise.

```
GET  /koodrive/ose/v1/space/groupList?offset=0&limit=10

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Information about the group space list.

```
{
  "total": 1,
  "groupsTotal": 1,
  "groupsMax": 500,
  "assignedCapacity": 100,
  "maxCapacity": 2048,
  "groups": [
    {
      "tenantId": "cad444830661464d9da88784a96d960c",
      "creator": "1410172329509745795",
      "createTime": "2024-05-10T01:46:22.000Z",
      "modifier": "1410172329509745795",
      "updateTime": "2024-05-10T02:27:23.000Z",
      "ownerId": "1410172329509745795",
      "status": 0,
      "capacity": 20,
      "spaceUsed": 0,
      "containerId": "IAAE49hOR8LulgAAA1417956457328121729",
      "bizRootFileId": "DE5Hwu6WAAAArootIAAE49hOR8LulgAAA1417956457328121729",
      "bizSboxFileId": "DE5Hwu6WAAAAsboxIAAE49hOR8LulgAAA1417956457328121729",
      "id": "1417956457311344513",
      "groupName": "api01",
      "iconUrl": "1",
      "ownerName": "hid99522477",
      "userNum": 1
    },
  "code" : 0,
  "msg": "Successful"
}
```

Status Codes

Status Code	Description
200	Information about the group space list.

4.4.10 Dismissing a Team Space

Function

Dismiss a team space.

URI

DELETE /koodrive/ose/v1/space/group/{group_id}

Table 4-110 Path Parameters

Parameter	Mandatory	Type	Description
group_id	Yes	String	

Request Parameters

Table 4-111 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+{*access_token*}.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-112 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Deletes the space of department **1289173650183882753**.

```
DELETE /koodrive/ose/v1/space/1289173650183882753?type=2

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.4.11 Listing User Spaces

Function

List user spaces in a department. If **department_id** is not specified, the user space list of the organization to which the current sign-in user belongs is queried.

URI

GET /koodrive/ose/v1/space/userList

Table 4-113 Query Parameters

Parameter	Mandatory	Type	Description
deptId	No	String	Department ID. If this parameter is not specified, the user space list of the organization is queried if the current user is a system administrator, and the user space list of the department is queried if the current user is a department administrator.
isDirect	No	Boolean	Whether the user belongs to the root department. Default value: false.
offset	Yes	String	Offset. Minimum value: 0.
limit	Yes	String	Maximum number of records to be returned. Value range: 1 to 100.
keyWord	No	String	Search keyword. You can use **name** and **mobile** as the search criteria.
spaceStatus	No	String	Space status.

Request Parameters

Table 4-114 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	1. The format is **Bearer** *{app_access_token}*. The application-level token needs to be passed for calling by an application server. The token is obtained by calling an API using **clientid** and **clientSecret** obtained during application creation. 2. The application is the KooDrive server.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en_us** indicates English (United States).

Response Parameters

Status code: 200

Table 4-115 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
users	Array of **userSpaceInfo** objects	User space information.
total	String	Total number of records.

Table 4-116 userSpaceInfo

Parameter	Type	Description
name	String	Username.
deptId	String	Department ID.
deptName	String	Department name.
mobile	String	Mobile number.
role	Integer	User role.
status	Integer	User account status.
containerId	String	Space ID.
capacity	Long	Individual space size.
spaceUsed	Long	Size of the used space.
tenantId	String	Tenant ID.
id	String	User space ID.
userId	String	User ID.
spaceStatus	String	Space status.

Example Requests

Lists user spaces in a department.

```
GET /koodrive/ose/v1/space/userList?deptId=&isDirect=&offset=0&limit=100&keyWord
```

```
Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

Information about the user space list.

```
{
 "total" : 1,
 "users" : [ {
  "tenantId" : "cad444830661464d9da88784a96d960c",
  "status" : 0,
  "capacity" : 10,
  "spaceUsed" : 189,
  "containerId" : "IAAE49hOR8LulgAAA1410765425310141185",
  "id" : "1410765364786334592",
  "role" : 1,
  "name" : "xx",
  "deptName" : "xxx",
  "userId" : "1008600000445114904",
  "deptId" : 1410183811475666000,
  "mobile" : "0086147****6900",
  "spaceStatus" : "0"
 } ],
 "code" : 0,
```

```
"msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Information about the user space list.

4.5 Group Management

4.5.1 Creating a User Group

Function

Create a user group.

URI

POST /koodrive/ose/v1/usergroups

Request Parameters

Table 4-117 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+{*access_token*}.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-118 Request body parameters

Parameter	Mandatory	Type	Description
groupName	Yes	String	User group name, which cannot contain <>|:"*?/\ or emojis. The value cannot be two periods (..), a period (.), or a space. Minimum: **1** Maximum: **30**
sourceType	Yes	Integer	User group type.

Response Parameters

Status code: 200

Table 4-119 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error description.
failedList	Array of strings	Failure list.

Example Requests

Creates a group.

```
POST /koodrive/ose/v1/usergroups

Authorization:Bearer+c69b0f40334782d560bb154032cf22ef43d671843c4ffbad

{
  "capacity": 1,
```

```
    "type": 0
}
```

Example Responses

Status code: 200

Basic response. For a successful response, the ID of the created user group is returned. For an error response, only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "OK",
  "id" : "xxx"
}
```

Status Codes

Status Code	Description
200	Basic response. For a successful response, the ID of the created user group is returned. For an error response, only the error code and error information are returned.

4.5.2 Listing User Groups

Function

List groups that a user joins.

URI

GET /koodrive/ose/v1/usergroups

Table 4-120 Query Parameters

Parameter	Mandatory	Type	Description
pageSize	Yes	Integer	Number of records to be returned on each page. Default and maximum value: 100. It is possible that partial or empty result pages are returned before the end of the result list has been reached.
pageCursor	Yes	String	Current page cursor, which is obtained from **nextCursor** of the previous response.
groupName	No	String	User group name.

Parameter	Mandatory	Type	Description
sourceType	Yes	Integer	User group type.

Request Parameters

Table 4-121 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-122 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.

Parameter	Type	Description
userGroupList	Array of **UserGroupInfo** objects	User group information.
total	Integer	Total number of records.

Table 4-123 UserGroupInfo

Parameter	Type	Description
id	String	User group ID.
groupName	String	User group name.
ownerId	String	Creator ID.
createdTime	String	Creation time.
updatedTime	String	Update time.

Example Requests

Lists the groups that a user joins.

GET /koodrive/ose/v1/usergroups

Authorization:Bearer+c69b0f40334782d560bb154032cf22ef43d671843c4ffbad

Example Responses

Status code: 200

Group list information.

```
{
  "total" : 2,
  "userGroupList" : [ {
    "id" : "1407237551361847809",
    "groupName" : "7",
    "ownerId" : "1395476983395324033",
    "createdTime" : "2024-04-25T06:49:49.000Z",
    "updatedTime" : "2024-04-25T06:49:49.000Z"
  }, {
    "id" : "1404926806536180481",
    "groupName" : "111",
    "ownerId" : "1395476983395324033",
    "createdTime" : "2024-04-22T02:18:46.000Z",
    "updatedTime" : "2024-04-22T02:18:46.000Z"
  } ],
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Group list information.

4.5.3 Modifying Group Information

Function

Modify group information.

URI

PUT /koodrive/ose/v1/usergroups/{group_id}

Table 4-124 Path Parameters

Parameter	Mandatory	Type	Description
group_id	Yes	String	

Request Parameters

Table 4-125 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-126 Request body parameters

Parameter	Mandatory	Type	Description
groupName	Yes	String	User group name.
userId	No	String	User ID.
role	No	String	User group role.
iconUrl	No	String	Link of the group profile picture.
top	No	String	Whether this record is pinned to top. **1**: pinned to top. **0**: displayed in sequence.
sourceType	Yes	Integer	User group type.

Response Parameters

Status code: 200

Table 4-127 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.

Example Requests

Updates the group information of department **1289173650183882753**.

```
PUT /koodrive/ose/v1/usergroup/1289173650183882753

Authorization:Bearer+c69b0f40334782d560bb154032cf22ef43d671843c4ffbad

{
  "groupName": "123",
```

```
    "sourceType": 0
}
```

Example Responses

Status code: 200

Response after the modification is successful.

```
{
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Response after the modification is successful.

4.5.4 Deleting a Group

Function

Delete a group.

URI

DELETE /koodrive/ose/v1/usergroups/{group_id}

Table 4-128 Path Parameters

Parameter	Mandatory	Type	Description
group_id	Yes	String	

Request Parameters

Table 4-129 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+{*access_token*}.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-130 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

Deletes group **1289173650183882753**.

DELETE /koodrive/ose/v1/usergroup/1289173650183882753

Authorization:Bearer+c69b0f40334782d560bb154032cf22ef43d671843c4ffbad

Example Responses

Status code: 200

Basic response.

```
{
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Basic response.

4.5.5 Listing Members in a User Group

Function

List members in a group.

URI

GET /koodrive/ose/v1/usergroups/{group_id}/members

Table 4-131 Path Parameters

Parameter	Mandatory	Type	Description
group_id	Yes	String	

Table 4-132 Query Parameters

Parameter	Mandatory	Type	Description
offset	Yes	Integer	Offset. Minimum value: 0.
limit	Yes	Integer	Maximum number of records to be returned. Value range: 1 to 100.
keyWord	No	String	Search keyword. You can use **name** and **ownerNamer** as the search criteria.

Request Parameters

Table 4-133 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-134 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
total	Integer	Total number of members in a user group.
userGroupMemberInfos	Array of **MemberInfo** objects	Member list.

Table 4-135 MemberInfo

Parameter	Type	Description
userId	String	Member user ID.
userName	String	Username.
deptId	String	Department ID.
deptName	String	Department name.
mobile	String	Mobile number.
createdTime	String	Time when the member is added.
updatedTime	String	Update time.

Example Requests

Lists members in group **369528171409614001**.

```
GET /koodrive/ose/v1/usergroups/369528171409614001/members

Authorization:Bearer+c69b0f40334782d560bb154032cf22ef43d671843c4ffbad
```

Example Responses

Status code: 200

Group member list.

```
{
 "data" : {
   "tenantId" : "40086000004871666",
   "creator" : "369528171409614001",
   "createTime" : "2023-11-07T20:36:35.000Z",
   "modifier" : "369528171409614001",
   "updateTime" : "2023-12-26T11:40:07.000Z",
   "ownerId" : "369528171409614001",
   "type" : 1,
   "status" : 0,
   "capacity" : 800,
   "spaceUsed" : 91966408,
   "containerId" : "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
   "rootFileId" : "HFFdIb642fU51JWKAUlP6mwUVc8oDNKbO",
   "bizRootFileId" : "DEUI7pa0C24ArootIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
   "bizSboxFileId" : "DEUI7pa0C24AsboxIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4"
 },
 "code" : 0,
 "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Group member list.

4.5.6 Adding Members to a User Group

Function

Add members to a user group.

URI

POST /koodrive/ose/v1/usergroups/{group_id}/members/batchAdd

Table 4-136 Path Parameters

Parameter	Mandatory	Type	Description
group_id	Yes	String	

Request Parameters

Table 4-137 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-138 Request body parameters

Parameter	Mandatory	Type	Description
userIds	Yes	Array of strings	User list.

Response Parameters

Status code: 200

Table 4-139 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
status	Integer	Response status. **0**: all successful; **1**: partially successful; **2**: all failed.
failedList	Array of strings	Failed response list.

Example Requests

Adds users to group **369528171409614001**.

```
POST /koodrive/ose/v1/usergroups/369528171409614001/members/batchAdd

Authorization:Bearer+c69b0f40334782d560bb154032cf22ef43d671843c4ffbad

{
  "userIds": ["3432423464657862424","132543141414141414"]
}
```

Example Responses

Status code: 200

Response for adding users.

```
{
  "code" : 0,
  "msg" : "OK",
  "id" : "xxx"
}
```

Status Codes

Status Code	Description
200	Response for adding users.

4.5.7 Deleting Members from a User Group

Function

Delete members from a user group.

URI

POST /koodrive/ose/v1/usergroups/{group_id}/members/batchDelete

Table 4-140 Path Parameters

Parameter	Mandatory	Type	Description
group_id	Yes	String	

Request Parameters

Table 4-141 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-142 Request body parameters

Parameter	Mandatory	Type	Description
userIds	Yes	Array of strings	User ID list.

Response Parameters

Status code: 200

Table 4-143 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
status	Integer	Response status. **0**: all successful; **1**: partially successful; **2**: all failed.
subResponseList	Array of **MemberResponse** objects	Sub-response list.

Table 4-144 MemberResponse

Parameter	Type	Description
code	String	Response code.
message	String	Response code.
userId	String	Member user ID.

Example Requests

Deletes users from group **369528171409614001**.

```
POST /koodrive/ose/v1/usergroups/369528171409614001/members/batchDelete

Authorization:Bearer+c69b0f40334782d560bb154032cf22ef43d671843c4ffbad


{
  "userIds": ["3432423464657862424","132543141414141414"]
}
```

Example Responses

Status code: 200

Response for deleting users.

```
{
 "code" : 0,
 "msg" : "OK",
 "id" : "xxx"
}
```

Status Codes

Status Code	Description
200	Response for deleting users.

4.6 Session Management

4.6.1 Checking Whether a User Session Is Invalid Based on Token Information

Function

Check whether a user session is invalid based on token information.

URI

GET /koodrive/ose/v1/session/auth

Request Parameters

Table 4-145 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-146 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.
data	**OrgUserInfo** object	User information.

Table 4-147 OrgUserInfo

Parameter	Type	Description
role	Integer	Role. ● **0**: common administrator. ● **1**: common user. ● **2**: super administrator.
innerUserId	String	Internal user ID.
userName	Long	Internal user ID.
orgId	String	orgId
orgName	String	Name in OrgID.
tenantId	String	Tenant code, that is, enterprise code.
userCount	String	Number of users.
deptId	String	Department ID.

Example Requests

Request for verifying a token.

```
GET /koodrive/ose/v1/session/auth

Authorization:Bearer+10f88**********4791e9ff
```

Example Responses

Status code: 200

User information.

```
{
 "data": {
   "role": "2",
   "userName": "Tenant Administrator",
   "innerUserId": "369528171409614001",
   "userId": "1008600000016806899",
   "tenantId": "40086000004871666",
   "orgId": "9190086000001210958",
   "orgName": "KooDrive",
   "deptId":1395496464656556464
   "userCount": 7000
 },
 "code": 0,
 "msg": "success"
}
```

Status Codes

Status Code	Description
200	User information.

4.6.2 Obtaining the URL of an OrgID Authorization Code for KooDrive

Function

Obtain the URL of an OrgID authorization code for KooDrive.

URI

GET /koodrive/ose/v1/session/authCodeURL

Table 4-148 Query Parameters

Parameter	Mandatory	Type	Description
domain	Yes	String	Frontend domain name.

Request Parameters

Table 4-149 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-150 Response body parameters

Parameter	Type	Description
uri	String	Login address of OrgID.
orgIdHost	String	Domain host of OrgID.
code	String	Response code.
msg	String	Response message.

Example Requests

None

Example Responses

Status code: 200

URL of an OrgID authorization code for KooDrive.

```
{
  "uri" : "https://orgid-beta.ulanqab.huawei.com/oauth2/authorize?
response_type=code&client_id=be93d606a69a214642bf324e147af3366aef98f2cb1eb0b51bf8a27647d135b0&
scope=phone+profile+email&redirect_uri=https://kdconsole-sec.hwcloudtest.cn/cloudfile/index.html",
  "orgIdHost" : "https://orgid-beta.ulanqab.huawei.com",
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	URL of an OrgID authorization code for KooDrive.

4.6.3 Initializing and Creating a Session

Function

Initialize and create a session.

URI

POST /koodrive/ose/v1/session/

Request Parameters

Table 4-151 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-152 Request body parameters

Parameter	Mandatory	Type	Description
code	Yes	String	Authorization code.

Response Parameters

Status code: 200

Table 4-153 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
accessToken	String	Authorization code required by the service API.
userId	String	User ID.
userName	String	User account.

Example Requests

Request for initializing a session.

```
POST /koodrive/ose/v1/session

{
    "code":
FrbMohdqi86v6sMZlFSSuG3E0_9RsDpL08BlYfNQPhvibLET266cQhDI_WczEXJOAoIoKGCdqN2shKX1yfqrVci8nS
```

FdMlxljNFhoffVvH93uSzIoyFxK4P7yhY6fDXa
}

Example Responses

Status code: 200

Session response information.

```
{
   "accessToken": Bearer+013b4daf12f4099a6eb74e2708000cb7a418409192f3e149,
,
   "userId": 3695281714009614001,
   "userName": Tenant Administrator,
   "code": 0,
   "msg": "success"
}
```

Status Codes

Status Code	Description
200	Session response information.

4.6.4 Refreshing a Session

Function

Refresh a session.

URI

POST /koodrive/ose/v1/session/refresh

Request Parameters

Table 4-154 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Parameter	Mandatory	Type	Description
x-session-id	Yes	String	Session ID.

Response Parameters

Status code: 200

Table 4-155 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
accessToken	String	Authentication.

Example Requests

Request for refreshing a session.

```
POST /koodrive/ose/v1/session/refresh

Authorization:Bearer+10f88d**********a544791e9ff
x-session-id:b49***********ee67d90c07be
```

Example Responses

Status code: 200

Session refresh result.

```
{
    "accessToken": Bearer+013b4daf12f4099a6eb74e2708000cb7a418409192f3e149,

    ,
    "code": 0,
    "msg": "success"
}
```

Status Codes

Status Code	Description
200	Session refresh result.

4.6.5 Signing In and Signing Out

Function

Clear session information when a member signs out.

URI

GET /koodrive/ose/v1/session/logoff

Request Parameters

Table 4-156 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	No	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-157 Response body parameters

Parameter	Type	Description
code	String	Error code.

Parameter	Type	Description
msg	String	Error description.
failedList	Array of strings	Failure list.

Example Requests

Sign-out request.

```
GET /koodrive/ose/v1/session/logoff

Authorization:Bearer+10f88d0*************a544791e9ff
```

Example Responses

Status code: 200

Basic response. Only the error code and error information are returned.

```
{
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Basic response. Only the error code and error information are returned.

4.7 Service Subscription

4.7.1 Obtaining the Subscription Status

Function

Obtain the subscription status of the management console service.

URI

GET /koodrive/ose/v1/service

Request Parameters

Table 4-158 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-159 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
data	**ServiceStatus** object	Cloud service subscription status.

Table 4-160 ServiceStatus

Parameter	Type	Description
status	Integer	Service status. ● **0**: normal (The cloud service restores, for example, after being unfrozen.) ● **1**: frozen (Resources and data are reserved but the cloud service cannot be used.)
spaceCapacity	Integer	Space quota.
userCount	Integer	OrgID user quota.
groupSpaceSize	Integer	Default size of the team space. **0** indicates that no space is enabled.
personalSpaceSize	Integer	Default size of the individual space. **0** indicates that no space is enabled.
organizationName	String	Organization name.
organizationId	String	Organization ID.
rootDeptCode	String	Root department code generated after the organization is created in OrgID.
tenantId	String	Tenant ID.
departmentSpaceSize	String	Default size of the department space. **0** indicates that no space is enabled.
aiAvailable	String	Whether AI is enabled.
wpsAvailable	String	Whether WPS is enabled.
productType	String	Product type.

Example Requests

Request for obtaining the subscription status of the management console service.

```
GET /koodrive/ose/v1/service

Authorization:Bearer+10f88d***************4791e9ff
```

Example Responses

Status code: 200

Service status.

```
{
  "data": {
    "tenantId": "40086000004871666",
    "status": 0,
```

```
    "spaceCapacity": 10000,
    "userCount": 7000,
    "personalSpaceSize": 0,
    "groupSpaceSize": 10,
    "organizationName": "KooDrive",
    "organizationId": "9190086000001210958",
    "rootDeptCode": "aed8a3763f9b4177beb2dd8bce1a3885",
    "departmentSpaceSize":0
    "productType":"2"
    "wpsAvailable":true
    "aiAvailable": true
  },
  "code": 0,
  "msg": "Successful"
}
```

Status Codes

Status Code	Description
200	Service status.

4.7.2 Querying Service Usage

Function

Query service usage (space and OrgID user quotas).

URI

GET /koodrive/ose/v1/service/quotaUsed

Request Parameters

Table 4-161 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Response Parameters

Status code: 200

Table 4-162 Response body parameters

Parameter	Type	Description
code	String	Response code.

Parameter	Type	Description
msg	String	Response message.
data	**data** object	

Table 4-163 data

Parameter	Type	Description
spaceQuotaUsed	String	Used space quota.
userCount	String	Number of created OrgID users.
spaceCapacity	String	Total space capacity subscribed by the tenant, in GB.
userMaxCount	String	User quantity subscribed by the tenant.
spaceUsed	String	Used space.
deptSpaceQuota	String	Department space quota.
personalSpaceQuota	String	Individual space quota.
groupSpaceQuota	String	Group space quota.
reservedSpaceQuota	String	Reserved space quota.
deptSpaceUsed	String	Used department space.
deptSpaceQuotaUsed	String	Used department space quota.
personalSpaceUsed	String	Used individual space.
personalSpaceQuotaUsed	String	Used individual space quota.
groupSpaceUsed	String	Used group space.
groupSpaceQuotaUsed	String	Used group space quota.
packageDownloadExpires	String	Expiration time of package download.

Parameter	Type	Description
productType	String	Product type.

Example Requests

None

Example Responses

Status code: 200

Response for querying service usage.

```
{
  "data" : {
    "spaceUsed" : 7753298,
    "spaceCapacity" : 10240,
    "deptSpaceQuota" : 6144,
    "personalSpaceQuota" : 2048,
    "groupSpaceQuota" : 2048,
    "reservedSpaceQuota" : 0,
    "spaceQuotaUsed" : 327,
    "deptSpaceUsed" : 1975057,
    "deptSpaceQuotaUsed" : 42,
    "personalSpaceUsed" : 3933426,
    "personalSpaceQuotaUsed" : 35,
    "groupSpaceUsed" : 1844815,
    "groupSpaceQuotaUsed" : 250,
    "userCount" : 20,
    "userMaxCount" : 100,
    "packageDownloadExpires" : 7,
    "productType" : "1"
  },
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Response for querying service usage.

4.8 Enterprise Settings

4.8.1 Setting the Expiration Time of a Compressed Package

Function

Set the expiration time of a compressed package generated during package download.

URI

POST /koodrive/ose/v1/org/package

Request Parameters

Table 4-164 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en_us** indicates English (United States).

Table 4-165 Request body parameters

Parameter	Mandatory	Type	Description
tenantId	No	String	Tenant ID.
packageDownloadExpires	Yes	Integer	Time for invalidating and deleting the temporary package generated during package download. Default value: 7. Value range: [1, 30].

Response Parameters

Status code: 200

Table 4-166 Response body parameters

Parameter	Type	Description
code	String	Error code.
msg	String	Error message.

Example Requests

None

Example Responses

None

Status Codes

Status Code	Description
200	Department creation result.

4.9 Cloud Decompression

4.9.1 Listing Directories in a Compressed Package

Function

List file directories in a compressed package.

URI

POST /koodrive/ose/v1/archive/listFile

Request Parameters

Table 4-167 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-168 Request body parameters

Parameter	Mandatory	Type	Description
containerId	Yes	String	Space ID.
fileId	Yes	String	File ID.
pwd	No	String	Compressed package password.

Response Parameters

Status code: 200

Table 4-169 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
data	**data** object	Response for listing directories in a compressed package.

Table 4-170 data

Parameter	Type	Description
uncompressed FileList	Array of **UncompressedFileInfo** objects	List of files in the compressed package, including all sub-files and sub-directories. This parameter is returned in synchronous mode.
taskId	String	Task ID, which is returned in asynchronous mode.

Table 4-171 UncompressedFileInfo

Parameter	Type	Description
containerId	String	Space ID after decompression. This parameter is returned only for decompression.
fileId	String	ID of the decompressed file. This parameter is returned only for decompression.
name	String	Full path of the file or folder in the compressed package.
fileSize	Long	File size, in bytes.
type	Integer	For details, see the definition of **fileType**. **1**: content. **2**: directory.
updatedAt	Long	Millisecond timestamp of file modification.
subFileList	Array of **UncompressedFileInfo** objects	List of sub-files and sub-directories (expanded only for directories).
reason	String	Failure cause. If the operation is successful, this parameter is null.
code	String	Error code.
reservatioinInfo	Object	Reserved field.

Status code: 400

Table 4-172 Response body parameters

Parameter	Type	Description
error_code	String	Error code. Minimum: **8** Maximum: **36**
error_msg	String	Error description. Minimum: **2** Maximum: **512**

Example Requests

Lists file directories in a compressed package.

```
POST /ose/v1/archive/listFile
```

Authorization:Bearer+10f88*********4791e9ff

{
  "containerId": "IAADfsBFCO6WtAtuAe3ab00aac61c45e18b0896269d5efb",
  "fileId": "FvW8fIQFZmz6Fu-lZ-7pKt6wtJISsW0C-",
  "pwd": "   "
}

Example Responses

Status code: 200

Response for listing directories in a compressed package.

```
{
  "data" : {
    "taskId" : "1428103989525998336"
  },
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Response for listing directories in a compressed package.
400	Error response

4.10 File List Query

4.10.1 Listing Files in the Individual Space

Function

List files in the individual space.

URI

POST /koodrive/ose/v1/files/{type}

Table 4-173 Path Parameters

Parameter	Mandatory	Type	Description
type	Yes	String	• **0**: individual space. • **1**: individual recycle bin.

Request Parameters

Table 4-174 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-175 Request body parameters

Parameter	Mandatory	Type	Description
pageInfo	No	**PageInfo** object	Pagination information.
sortInfo	No	**FileSortInfo** object	Classification information.
containerId	Yes	String	Space ID.
parentFileId	Yes	String	Parent directory of the file. ● **root**: root directory of the common file system. ● **sbox**: root directory of the safe file system.

Parameter	Mandatory	Type	Description
fileType	No	String	File type. • **10**: folder. • **15**: image. • **20**: video. • **26**: Word file. • **27**: Excel file. • **28**: PowerPoint file. • **30**: audio. • **35**: compressed file. • **40**: application. • **45**: other.

Table 4-176 PageInfo

Parameter	Mandatory	Type	Description
pageSize	No	Integer	Number of files on each page. Default value: 100.
pageCursor	No	String	Pagination start cursor.

Table 4-177 FileSortInfo

Parameter	Mandatory	Type	Description
sortType	No	Integer	Sorting field. • **1**: by file name. • **2**: by file size. • **3**: by creation time. • **4**: by modification time. • **5**: by recycling time (only for recycled files). • **6**: by file format.
sortDirection	No	Integer	Sorting order. • **1**: ascending. • **2**: descending.

Response Parameters

Status code: 200

Table 4-178 Response body parameters

Parameter	Type	Description
category	String	Resource type. The value is fixed to **drive#fileList**.
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.
searchCompleted	Boolean	Whether the search is complete.
files	Array of **FileListMetadata** objects	File list.
code	String	Response code.
msg	String	Response information.

Table 4-179 FileListMetadata

Parameter	Type	Description
id	String	File ID.
fileName	String	File name, which contains up to 80 characters.
fileType	String	File type, which is input externally.
mimeType	String	Content type.
favorite	Boolean	Whether the file is added to favorites.
recycled	Boolean	Whether the file is moved to the recycle bin.
recycledTime	String	Time when the file is moved to the recycle bin. This parameter is returned when the file is recycled.
parentFolder	Array of strings	ID of the parent directory IDs. Currently, only the first ID is used.
properties	Map<String,String>	Common user-defined attributes of the file. The number of key-value pairs cannot exceed 30. A single key-value pair can contain up to 124 characters.
containers	Array of strings	Space ID.
createdTime	String	UTC time when the file is created.
editedTime	String	UTC time when the file is modified.

Parameter	Type	Description
owners	Array of **User** objects	Owner.
lastEditor	**User** object	Last editor.
fileSuffix	String	File name extension, which is the last character string of **fullFileExtension**.
size	Integer	File size.
attachments	Array of **FileListAttachment** objects	Attachment.
downloadLinks	Array of **DownLoadLink** objects	Link for downloading FileProxy files.
userProperties	**FileListPrivateProperties** object	User attributes.

Table 4-180 User

Parameter	Type	Description
category	String	Type. The value is **drive#user**. Enumeration values: ● **drive#user**
userId	String	Huawei user ID.
displayName	String	Display name of the user.
me	Boolean	Whether you are the user.
permissionId	String	Permission ID.

Table 4-181 FileListAttachment

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
hash	String	Hash of the resource associated with the asset.
sha256	String	SHA256 of the resource associated with the asset.

Parameter	Type	Description
asset	**FileListAsset** object	Asset.

Table 4-182 FileListAsset

Parameter	Type	Description
resource	**FileListResou rce** object	Resource.
mimeType	String	MIME type

Table 4-183 FileListResource

Parameter	Type	Description
object	**FileListSliceO bject** object	Part object, which is applicable when **type** is set to **0** or **3**.

Table 4-184 FileListSliceObject

Parameter	Type	Description
id	String	Part ID.
start	Long	Start position of a part, which is not applicable when **type** is set to **12**.
downloadUrl	**EndpointURL Metadata** object	Download URL.
image	Array of **Images** objects	Thumbnail information.

Table 4-185 Images

Parameter	Type	Description
process	String	File resource name.
downloadUrl	**EndpointURL Metadata** object	URL structure for file upload or download.

Table 4-186 EndpointURLMetadata

Parameter	Type	Description
url	String	URL
method	String	http method

Table 4-187 DownLoadLink

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
downloadLink	String	Attachment download link.

Table 4-188 FileListPrivateProperties

Parameter	Type	Description
properties	Map<String,String>	Extended attributes (The size of a single attribute is not limited, but the total size cannot exceed 16 KB.)

Status code: 400

Table 4-189 Response body parameters

Parameter	Type	Description
error	**Error** object	Error message.

Table 4-190 Error

Parameter	Type	Description
errorData	**errorData** object	Extended data returned to visitors when an exception occurs.
errorDetail	Array of **ErrorMsg** objects	Error chain.
code	Integer	HTTP status code.
description	String	HTTP status information.

Table 4-191 errorData

Parameter	Type	Description
conflictFileId	String	Conflicting file ID.

Table 4-192 ErrorMsg

Parameter	Type	Description
domain	String	Domain.
reason	String	Error cause.
errorCode	String	Internal system error code. For details, see the error code specifications.
description	String	Error message.
errorPos	String	Error position type.
errorParam	String	Error position.

Example Requests

Lists files in the root directory of individual space
IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b.

```
POST /koodrive/ose/v1/files/0

Authorization:Bearer+10f88*********4791e9ff

{
  "pageInfo": {
    "pageSize": "10",
    "pageCursor": ""
  },
  "sortInfo": {
    "sortType": "",
    "sortDirection": ""
  },
  "containerId": "IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b",
  "parentFileId": "root",
  "fileType": "",
  "fileName": ""
}
```

Example Responses

Status code: 200

Returns the file list.

```
{
  "category" : "drive#fileList",
  "nextCursor" : "0|[9-1-0,11-0-1]
[JzIwMjMtMTItMTNUMDM6MzA6NTkuNTU4Wic=,J0ZpQk02VHhsS2JiSEx4LW54X3FaT2M1bFJBZXEwU0xZeC
c=]",
  "searchCompleted" : false,
```

```
"files" : [ {
  "id" : "Fk0n_I_3nVynIIlxGSUdLkYILxIZQ5Yyp",
  "fileName" : "AI Test",
  "mimeType" : "application/vnd.huawei-apps.folder",
  "fileSuffix" : "",
  "recycled" : false,
  "parentFolder" : [ "DEUI7pa0C24ArootIAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b" ],
  "containers" : [ "IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b" ],
  "properties" : {
    "srcFileId" : "Fuyt9uELO9mny6vLWnWpIDqppRh3vzC3p",
    "createUser" : "369528171409614001",
    "lastEditUser" : "369528171409614001"
  },
  "owners" : [ {
    "category" : "drive#user",
    "me" : true,
    "permissionId" : "12436220298659666464",
    "userId" : "NDEzMDA4NjAwMDAwMjc0MTY2NS00MDA4NjAwMDAwNDg3MTY2Ng",
    "displayName" : "Tenant Administrator"
  } ],
  "lastEditor" : {
    "category" : "drive#user",
    "me" : true,
    "permissionId" : "12436220298659666464",
    "userId" : "NDEzMDA4NjAwMDAwMjc0MTY2NS00MDA4NjAwMDAwNDg3MTY2Ng",
    "displayName" : "Tenant Administrator"
  },
  "fileType" : "10",
  "createdTime" : "2023-12-11T09:17:25.529Z",
  "editedTime" : "2023-12-11T09:17:25.529Z",
  "favorite" : false
} ],
"code" : 0,
"msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Returns the file list.
400	Bad request

4.10.2 Listing Files in a Group or Department Space

Function

List files in a group or department space.

URI

POST /koodrive/ose/v1/files/{groupId}/{type}

Table 4-193 Path Parameters

Parameter	Mandatory	Type	Description
groupId	Yes	String	Team ID.
type	Yes	String	Type. • **0**: team space. • **1**: team recycle bin.

Table 4-194 Query Parameters

Parameter	Mandatory	Type	Description
team_type	No	Integer	(Optional) Team type. If this parameter is not carried, the default value **0** is used. **0**: department. **2**: group.

Request Parameters

Table 4-195 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-196 Request body parameters

Parameter	Mandatory	Type	Description
pageInfo	No	**PageInfo** object	Pagination information.
sortInfo	No	**FileSortInfo** object	Classification information.
containerId	Yes	String	Space ID.
parentFileId	Yes	String	Parent directory of the file. ● **root**: root directory of the common file system. ● **sbox**: root directory of the safe file system.
fileType	No	String	File type. ● **10**: folder. ● **15**: image. ● **20**: video. ● **26**: Word file. ● **27**: Excel file. ● **28**: PowerPoint file. ● **30**: audio. ● **35**: compressed file. ● **40**: application. ● **45**: other.

Table 4-197 PageInfo

Parameter	Mandatory	Type	Description
pageSize	No	Integer	Number of files on each page. Default value: 100.
pageCursor	No	String	Pagination start cursor.

Table 4-198 FileSortInfo

Parameter	Mandatory	Type	Description
sortType	No	Integer	Sorting field. ● **1**: by file name. ● **2**: by file size. ● **3**: by creation time. ● **4**: by modification time. ● **5**: by recycling time (only for recycled files). ● **6**: by file format.
sortDirection	No	Integer	Sorting order. ● **1**: ascending. ● **2**: descending.

Response Parameters

Status code: 200

Table 4-199 Response body parameters

Parameter	Type	Description
category	String	Resource type. The value is fixed to **drive#fileList**.
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.
searchCompleted	Boolean	Whether the search is complete.
files	Array of **FileListMetadata** objects	File list.
code	String	Response code.
msg	String	Response information.

Table 4-200 FileListMetadata

Parameter	Type	Description
id	String	File ID.
fileName	String	File name, which contains up to 80 characters.

Parameter	Type	Description
fileType	String	File type, which is input externally.
mimeType	String	Content type.
favorite	Boolean	Whether the file is added to favorites.
recycled	Boolean	Whether the file is moved to the recycle bin.
recycledTime	String	Time when the file is moved to the recycle bin. This parameter is returned when the file is recycled.
parentFolder	Array of strings	ID of the parent directory IDs. Currently, only the first ID is used.
properties	Map<String,String>	Common user-defined attributes of the file. The number of key-value pairs cannot exceed 30. A single key-value pair can contain up to 124 characters.
containers	Array of strings	Space ID.
createdTime	String	UTC time when the file is created.
editedTime	String	UTC time when the file is modified.
owners	Array of **User** objects	Owner.
lastEditor	**User** object	Last editor.
fileSuffix	String	File name extension, which is the last character string of **fullFileExtension**.
size	Integer	File size.
attachments	Array of **FileListAttachment** objects	Attachment.
downloadLinks	Array of **DownLoadLink** objects	Link for downloading FileProxy files.
userProperties	**FileListPrivateProperties** object	User attributes.

Table 4-201 User

Parameter	Type	Description
category	String	Type. The value is **drive#user**. Enumeration values: • **drive#user**
userId	String	Huawei user ID.
displayName	String	Display name of the user.
me	Boolean	Whether you are the user.
permissionId	String	Permission ID.

Table 4-202 FileListAttachment

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
hash	String	Hash of the resource associated with the asset.
sha256	String	SHA256 of the resource associated with the asset.
asset	**FileListAsset** object	Asset.

Table 4-203 FileListAsset

Parameter	Type	Description
resource	**FileListResource** object	Resource.
mimeType	String	MIME type

Table 4-204 FileListResource

Parameter	Type	Description
object	**FileListSliceObject** object	Part object, which is applicable when **type** is set to **0** or **3**.

Table 4-205 FileListSliceObject

Parameter	Type	Description
id	String	Part ID.
start	Long	Start position of a part, which is not applicable when **type** is set to **12**.
downloadUrl	**EndpointURL Metadata** object	Download URL.
image	Array of **Images** objects	Thumbnail information.

Table 4-206 Images

Parameter	Type	Description
process	String	File resource name.
downloadUrl	**EndpointURL Metadata** object	URL structure for file upload or download.

Table 4-207 EndpointURLMetadata

Parameter	Type	Description
url	String	URL
method	String	http method

Table 4-208 DownLoadLink

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
downloadLink	String	Attachment download link.

Table 4-209 FileListPrivateProperties

Parameter	Type	Description
properties	Map<String,String>	Extended attributes (The size of a single attribute is not limited, but the total size cannot exceed 16 KB.)

Status code: 400

Table 4-210 Response body parameters

Parameter	Type	Description
error	**Error** object	Error message.

Table 4-211 Error

Parameter	Type	Description
errorData	**errorData** object	Extended data returned to visitors when an exception occurs.
errorDetail	Array of **ErrorMsg** objects	Error chain.
code	Integer	HTTP status code.
description	String	HTTP status information.

Table 4-212 errorData

Parameter	Type	Description
conflictFileId	String	Conflicting file ID.

Table 4-213 ErrorMsg

Parameter	Type	Description
domain	String	Domain.
reason	String	Error cause.
errorCode	String	Internal system error code. For details, see the error code specifications.

Parameter	Type	Description
description	String	Error message.
errorPos	String	Error position type.
errorParam	String	Error position.

Example Requests

Lists files in the root directory of team space **IAAB_BRGQ-MajA2WAf81df00a3443452aa3dd54e35245bc**.

```
POST /koodrive/ose/v1/files/1269529595850261633/0

Authorization:Bearer+10f88*********4791e9ff

{
  "pageInfo": {
    "pageSize": "10",
    "pageCursor": ""
  },
  "sortInfo": {
    "sortType": "",
    "sortDirection": ""
  },
  "containerId": "IAAB_BRGQ-MajA2WAf81df00a3443452aa3dd54e35245bc",
  "parentFileId": "root",
  "fileType": "",
  "fileName": ""
}
```

Example Responses

Status code: 200

Returns the queried file list.

```
{
  "category" : "drive#fileList",
  "nextCursor" : "0|[9-1-0,11-0-1]
[JzIwMjMtMTItMTNUMDM6MzA6NTkuNTU4Wic=,J0ZpQk02VHhsS2JiSEx4LW54X3FaT2M1bFJBZXEwU0xZeC
c=]",
  "searchCompleted" : false,
  "files" : [ {
    "id" : "Fk0n_I_3nVynIIlxGSUdLkYILxIZQ5Yyp",
    "fileName" : "AI Test",
    "mimeType" : "application/vnd.huawei-apps.folder",
    "fileSuffix" : "",
    "recycled" : false,
    "parentFolder" : [ "DEUI7pa0C24ArootIAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b" ],
    "containers" : [ "IAADfsBFCO6WtAtuAb7e92cde625843cfb7f4ceba802e0b" ],
    "properties" : {
      "srcFileId" : "Fuyt9uELO9mny6vLWnWpIDqppRh3vzC3p",
      "createUser" : "369528171409614001",
      "lastEditUser" : "369528171409614001"
    },
    "owners" : [ {
      "category" : "drive#user",
      "me" : true,
      "permissionId" : "1243622029865966464",
      "userId" : "NDEzMDA4NjAwMDAwMjc0MTY2NS00MDA4NjAwMDAwNDg3MTY2Ng",
      "displayName" : "Tenant Administrator"
```

```
    } ],
    "lastEditor" : {
      "category" : "drive#user",
      "me" : true,
      "permissionId" : "1243622029865966464",
      "userId" : "NDEzMDA4NjAwMDAwMjc0MTY2NS00MDA4NjAwMDAwNDg3MTY2Ng",
      "displayName" : "Tenant Administrator"
    },
    "fileType" : "10",
    "createdTime" : "2023-12-11T09:17:25.529Z",
    "editedTime" : "2023-12-11T09:17:25.529Z",
    "favorite" : false
  } ],
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Returns the queried file list.
400	Bad request

4.11 File Management

4.11.1 Obtaining File Details

Function

Obtain file details, such as the file size, name, and modification time.

URI

POST /koodrive/ose/v1/files/{fileId}/detail

Table 4-214 Path Parameters

Parameter	Mandatory	Type	Description
fileId	Yes	String	File ID.

Request Parameters

Table 4-215 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-216 Request body parameters

Parameter	Mandatory	Type	Description
containerId	Yes	String	Space ID.

Response Parameters

Status code: 200

Table 4-217 Response body parameters

Parameter	Type	Description
id	String	File ID.
fileName	String	File name, which contains up to 80 characters.
fileType	String	File type, which is input externally.

Parameter	Type	Description
mimeType	String	Content type.
recycled	Boolean	Whether the file is moved to the recycle bin.
parentFolder	Array of strings	ID of the parent directory IDs. Currently, only the first ID is used.
properties	Map<String,String>	Common user-defined attributes of the file. The number of key-value pairs cannot exceed 30. A single key-value pair can contain up to 124 characters.
containers	Array of strings	Space ID.
createdTime	String	UTC time when the file is created.
editedTime	String	UTC time when the file is modified.
owners	Array of **User** objects	Owner.
lastEditor	**User** object	Last editor.
fileSuffix	String	File name extension, which is the last character string of **fullFileExtension**.
size	Integer	File size.
attachments	Array of **Attachment Metadata** objects	Attachment.
code	String	Response code.
msg	String	Response information.

Table 4-218 User

Parameter	Type	Description
category	String	Type. The value is **drive#user**. Enumeration values: ● **drive#user**
userId	String	Huawei user ID.
displayName	String	Display name of the user.
me	Boolean	Whether you are the user.
permissionId	String	Permission ID.

Table 4-219 AttachmentMetadata

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
hash	String	Hash of the resource associated with the asset.
sha256	String	SHA256 of the resource associated with the asset.
asset	**AssetMetadata** object	Asset.

Table 4-220 AssetMetadata

Parameter	Type	Description
id	String	Asset ID
versionId	String	Asset version ID.
version	Long	Version number.
mimeType	String	MIME type
state	Integer	Data status. ● **0**: available. ● **1**: unavailable. ● **2**: temporary. ● **3**: retained (flash upload unsupported). ● **4**: to be cut over. Enumeration values: ● **0** ● **1** ● **2** ● **3** ● **4**
createdTime	String	UTC time when data is created.
modifiedTime	String	UTC time when data is last modified.
resource	**ResourceMetadata** object	Resource.
attributes	Map<String,Object>	Type attributes. A key consists of letters and digits and starts with a letter. A value cannot contain emojis. The size of an attribute is not limited, but the total size cannot exceed 16 KB.

Table 4-221 ResourceMetadata

Parameter	Type	Description
id	String	ID of the file resource.
length	Long	Size of the file resource.
sha256	String	SHA256 of the file (used for integrity check).
objects	Array of **SliceObjectMetadata** objects	Part object, which is applicable when **type** is set to **0** or **3**.

Table 4-222 SliceObjectMetadata

Parameter	Type	Description
id	String	Part ID.
start	Long	Start position of a part, which is not applicable when **type** is set to **12**.
downloadUrl	**EndpointURLMetadata** object	Download URL.

Table 4-223 EndpointURLMetadata

Parameter	Type	Description
url	String	URL
method	String	http method

Example Requests

Checks file details.

```
POST /koodrive/ose/v1/files/FqNZrzGgSKHkfGmwjf7dLgLlGkwrLEU35/detail

Authorization:Bearer+10f88*********4791e9ff

{
  "containerId": "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4"
}
```

Example Responses

Status code: 200

File details.

```
{
  "id" : "FtSCRFXCYtFjo315lPfRHeKRiqrDdmm_Y",
  "fileName" : "Download_20231213_160540.png",
  "mimeType" : "image/png",
  "fileSuffix" : "png",
  "recycled" : false,
  "size" : 81243,
  "parentFolder" : [ "DEUI7pa0C24ArootIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4" ],
  "containers" : [ "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4" ],
  "properties" : {
    "localCreatedAt" : "",
    "localUpdatedAt" : "",
    "createUser" : "369528171409614001",
    "lastEditUser" : "369528171409614001"
  },
  "attachments" : [ {
    "asset" : {
      "id" : "1310155787561278720",
      "versionId" : "1310155787561278721",
      "version" : 612304,
      "mimeType" : "image/png",
      "state" : 0,
      "createdTime" : "2023-12-13T08:05:40.655Z",
      "modifiedTime" : "2023-12-13T08:05:40.655Z",
      "resource" : {
        "id" : "1275457496273837312",
        "length" : 81243,
        "sha256" : "f08b00d63f9109fda252e45cc70e2762347907aba7c5dea4de7eb179ddad1ab2",
        "object" : {
          "id" : "b91e8df8afba4145a310dde1bfb9f8c5086",
          "start" : 0,
          "downloadUrl" : {
            "url" : "https://b10-obs-ykj-uat-01.obs.cidc-rp-2006.joint.cmecloud.cn/
b91e8df8afba4145a310dde1bfb9f8c5086?response-content-disposition=attachment%3B%20filename%3D
%22%25E4%25B8%258B%25E8%25BD%25BD_20231213_160540.png%22&X-Amz-Algorithm=AWS4-
HMAC-SHA256&X-Amz-Date=20231227T073619Z&X-Amz-SignedHeaders=host&X-Amz-Expires=10000&X-
Amz-Credential=MKRISPBZAJWFHNBJ5WLB%2F20231227%2Fcidc-rp-2006%2Fs3%2Faws4_request&X-Amz-
Signature=6fc56f74a9478e088e1e044f453c33f8cc7b403f4478d3aefd923449349373e4",
            "method" : "GET"
          }
        }
      },
      "attributes" : {
        "fileName" : "Download.png",
        "localCreatedAt" : "",
        "createdBy" : "40086000004871666",
        "resource" : {
          "id" : "1275457496273837312",
          "object" : {
            "bucket" : "b10-obs-ykj-uat-01",
            "objectId" : "b91e8df8afba4145a310dde1bfb9f8c5086"
          }
        },
        "localUpdatedAt" : ""
      }
    },
    "hash" : "f08b00d63f9109fda252e45cc70e2762347907aba7c5dea4de7eb179ddad1ab2",
    "usage" : "content",
    "sha256" : "f08b00d63f9109fda252e45cc70e2762347907aba7c5dea4de7eb179ddad1ab2"
  } ],
  "owners" : [ {
    "category" : "drive#user",
    "me" : true,
    "permissionId" : "1243622029865966464",
    "userId" : "NDEzMDA4NjAwMDAwMjc0MTY2NS00MDA4NjAwMDAwNDg3MTY2Ng",
    "displayName" : "Tenant Administrator"
  } ],
  "lastEditor" : {
    "category" : "drive#user",
```

```
    "me" : true,
    "permissionId" : "1243622029865966464",
    "userId" : "NDEzMDA4NjAwMDAwMjc0MTY2NS00MDA4NjAwMDAwNDg3MTY2Ng",
    "displayName" : "Tenant Administrator"
  },
  "fileType" : "15",
  "createdTime" : "2023-12-13T08:05:40.601Z",
  "editedTime" : "2023-12-13T08:05:41.054Z",
  "code" : 0,
  "msg" : "Success."
}
```

Status Codes

Status Code	Description
200	File details.

4.11.2 Adding a File Directory

Function

Add a file directory.

URI

POST /koodrive/ose/v1/directory

Request Parameters

Table 4-224 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-225 Request body parameters

Parameter	Mandatory	Type	Description
createdTime	No	String	Time when the file is created. Format: yyyy-MM-ddTHH:mm:ss.sssZ
description	No	String	File description. The value contains up to 512 characters and cannot contain invalid characters such as emojis. Maximum: **512**
mimeType	No	String	Resource type.
editedTime	No	String	File modification time.
fileName	Yes	String	File name. The value cannot contain <>|:"*? /. The value cannot be two periods (..), a period (.), or a space. Maximum: **80**
fileType	Yes	String	File type, which is input externally. The value is fixed at **10**.
parentFolder	No	Array of strings	List of parent directory IDs. The first directory is used as the parent directory. If this parameter is null, the file is created in the root directory.
containerId	Yes	String	Space ID. **container**, **parentAlias**, and **parentFolder** are mutually exclusive. **parentFolder** is preferred.

Parameter	Mandatory	Type	Description
renameMode	No	Integer	Duplicate name policy. ● **2**: Forcibly renames a file with an existing name by adding a timestamp to the end of the file name. ● **3**: Rejects files with the same name. A file with an existing name cannot be created.

Response Parameters

Status code: 200

Table 4-226 Response body parameters

Parameter	Type	Description
id	String	File ID.
fileName	String	File name.
mimeType	String	File format.
code	String	Response code.
msg	String	Response information.

Example Requests

Creates a folder in the root directory of the space
IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4.

```
POST /koodrive/ose/v1/directory

Authorization:Bearer+10f88*********4791e9ff

{
    "createdTime": "",
    "editedTime": "",
    "description": "222",
    "mimeType": "application/vnd.huawei-apps.folder",
    "fileName": "ttgg",
    "fileType": "10",
    "parentFolder": [
        "root"
    ],
    "containerId": "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
    "renameMode": "2"
}
```

Example Responses

Status code: 200

Information returned after the directory is created.

```
{
  "id" : "FqAHbpps7uJEDpvh2MbpLj7lD4AM2OWMR",
  "fileName" : "ttgg",
  "mimeType" : "application/vnd.huawei-apps.folder",
  "code" : 0,
  "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Information returned after the directory is created.

4.11.3 Creating File Metadata

Function

Create the metadata of the uploaded file. If flash upload is not hit, the upload process is triggered. When flash upload is hit, the file upload is complete.

URI

POST /koodrive/ose/v1/files/create

Request Parameters

Table 4-227 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+{*access_token*}.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.

Parameter	Mandatory	Type	Description
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-228 Request body parameters

Parameter	Mandatory	Type	Description
createdTime	No	String	Time when the file is created. The format is yyyy-MM-dd'T'HH:mm:ss'Z', for example, 2023-08-18T05:43:49Z.
description	No	String	File description. Maximum: **512**
mimeType	No	String	Resource type.
fileName	Yes	String	File name, which cannot contain <>|:"*? /. The value cannot be two periods (..), a period (.), or a space. Maximum: **80**
fileType	Yes	String	File type, which is customizable.
parentFolder	Yes	Array of strings	Parent directory ID list. If the target directory is a root directory, the value is **root**. Currently, only one parent directory is supported. If multiple parent directory IDs are passed, only the first one is used.
sha256	No	String	Complete file digest calculated using SHA256.

Parameter	Mandatory	Type	Description
length	Yes	Long	File size, in bytes. When **uploadMode** is set to **put**, the value must be less than or equal to 5 GB. If **uploadMode** is set to **multipart**, the value must be less than or equal to 200 GB.
uploadMode	Yes	String	Upload mode. ● **multipart**: multipart upload. ● **put**: single file upload.
uploadType	Yes	Integer	Upload type. ● **0**: common upload (not supported yet). ● **1**: multipart upload. ● **2**: versioning upload (not supported yet).
autoRename	Yes	Integer	Duplicate name policy. ● **2**: Forcibly renames a file with an existing name by adding a timestamp to the end of the file name. ● **3**: Rejects files with the same name. A file with an existing name cannot be created. ● 4: Does not create a file if files with the same name have the same SHA256 value, or, uses the forcible renaming logic.
multiParts	No	Array of **MultiPartInfo** objects	Part information list.
containerId	Yes	String	ID of the target space to which the file is uploaded.
preHash	No	String	Digest of the first 1 KB of the file calculated using SHA256.

Table 4-229 MultiPartInfo

Parameter	Mandatory	Type	Description
partNumber	Yes	Integer	Part No. Minimum: **1** Maximum: **10000**
partSize	Yes	Long	Part length. The value range is [5,242,880, 5,368,709,120]. The value range of the last part is [0, 5,368,709,120]. Minimum value: 0. Maximum value: 5,368,709,120.
partOffset	No	Long	Total length (in bytes) to the last data block. This parameter is valid only during concurrent multipart upload. The size of all parts except the last one must be a multiple of 64 bytes.
hashCtx	No	Array of longs	Context used to iteratively calculate SHA256. This field is valid only during concurrent multipart upload. For SHA1, the value is the first to fifth 32-bit variables of the SHA1 of the previous data block. For SHA256, the value is the first to eighth 32-bit variables of the SHA256 of the previous data block. This parameter is mandatory for all parts except the first one in concurrent multipart upload.
uploadUrl	No	String	URL for uploading a file. This parameter is returned.
partId	No	String	Part object ID.

Response Parameters

Status code: 200

Table 4-230 Response body parameters

Parameter	Type	Description
fileId	String	File ID.
rapidUpload	Boolean	Whether flash upload is hit. **true** indicates that flash upload is hit.
containerId	String	ID of the space where the file is located.
fileName	String	Name of the uploaded file. If the file is not renamed, the value is the same as the file name in the request parameter.
uploadId	String	File upload ID.
parentFolder	Array of strings	ID of the parent directory where the uploaded file is located.
exist	Boolean	Whether the file exists. This parameter is used only when the input parameter **autoRename** is set to **4**. If the file names and SHA256 values are the same, **true** is returned.
multiParts	Array of **MultiPartInfo** objects	Part information, which is returned during multipart upload (when **uploadMode** is set to **multipart**).
matchedPreHash	Boolean	Whether a matching prehash exists.
code	String	Response code.
msg	String	Response information.

Table 4-231 MultiPartInfo

Parameter	Type	Description
partNumber	Integer	Part No. Minimum: **1** Maximum: **10000**
partSize	Long	Part length. The value range is [5,242,880, 5,368,709,120]. The value range of the last part is [0, 5,368,709,120]. Minimum value: 0. Maximum value: 5,368,709,120.
partOffset	Long	Total length (in bytes) to the last data block. This parameter is valid only during concurrent multipart upload. The size of all parts except the last one must be a multiple of 64 bytes.

Parameter	Type	Description
hashCtx	Array of longs	Context used to iteratively calculate SHA256. This field is valid only during concurrent multipart upload. For SHA1, the value is the first to fifth 32-bit variables of the SHA1 of the previous data block. For SHA256, the value is the first to eighth 32-bit variables of the SHA256 of the previous data block. This parameter is mandatory for all parts except the first one in concurrent multipart upload.
uploadUrl	String	URL for uploading a file. This parameter is returned.
partId	String	Part object ID.

Example Requests

Creates file metadata in multipart upload mode. In this example, a part is specified. The upload link of the part is returned in the subsequent response. The part needs to be uploaded through a PUT request.

```
POST /koodrive/ose/v1/files/create

Authorization:Bearer+10f88*********4791e9ff

{
    "containerId": "IAADfsBFCO6WtAtuA9add2fea594e4e75b8feb8474ef236",
    "parentFolder": [
        "root"
    ],
    "createdTime": "2020-05-18T01:43:49Z",
    "mimeType": "application/x-zip-compressed",
    "fileType": 35,
    "fileName": "demo.zip",
    "sha256": "08a784aeb181506391c20c6355f881dc363d8c3e0739d295e5d6f410d05dbc69",
    "length": 22106481,
    "uploadMode": "multipart",
    "uploadType": 1,
    "autoRename": 2,
    "multiParts": [
        {
            "partNumber": 1,
            "partOffset": 0,
            "partSize": 22106481
        }
    ],
    "description": ""
}
```

Example Responses

Status code: 200

Information returned after the first step of uploading a file is complete.

```
{
    "fileId" : "FnkL1QhXj8muHBuSWCHtFFY8Azue44Snr",
```

    "containerId" : "IAADfsBFCO6WtAtuA9add2fea594e4e75b8feb8474ef236",
    "fileName" : "test_20240104_105403.zip",
    "uploadId" : "0000018CD26464022026422966B8879A",
    "parentFolder" : ["DEUI7pa0C24ArootIAADfsBFCO6WtAtuA9add2fea594e4e75b8feb8474ef236"],
    "exist" : false,
    "multiParts" : [{
      "partNumber" : 1,
      "partSize" : 22106481,
      "partOffset" : 0,
      "uploadUrl" : "https://b10-obs-ykj-uat-01.obs.cidc-rp-2006.joint.cmecloud.cn/
ff6b221b4b474c829c1cd5037f1504ca086?
partNumber=1&uploadId=0000018CD26464022026422966B8879A&X-Amz-Algorithm=AWS4-HMAC-
SHA256&X-Amz-Date=20240104T025403Z&X-Amz-SignedHeaders=content-length%3Bhost&X-Amz-
Expires=3600&X-Amz-Credential=MKRISPBZAJWFHNBJ5WLB%2F20240104%2Fcidc-
rp-2006%2Fs3%2Faws4_request&X-Amz-
Signature=39b9b620c8de901682675059cfcfa9902a13fb5c6ab38fe1451763feb6a8323c"
    }],
    "code" : 0,
    "msg" : "Success."
}

Status Codes

Status Code	Description
200	Information returned after the first step of uploading a file is complete.

4.11.4 Checking Whether File Upload Is Completed

Function

Check the file integrity after the service uploads the complete data of a file. If the file passes the check, the file upload is complete.

URI

POST /koodrive/ose/v1/files/complete

Request Parameters

Table 4-232 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-233 Request body parameters

Parameter	Mandatory	Type	Description
fileId	Yes	String	ID of the uploaded file.
sha256	No	String	Complete file digest calculated using SHA256.

Response Parameters

Status code: 200

Table 4-234 Response body parameters

Parameter	Type	Description
code	String	Response code.

Parameter	Type	Description
msg	String	Response message.

Example Requests

Combines parts and checks file integrity after the binary data of a file is uploaded.

```
POST /koodrive/ose/v1/files/complete

Authorization:Bearer+10f88*********4791e9ff

{
    "fileId": "FiqNTAYdzXtKhenh29A9EXJvhaKQqcYVS"
}
```

Example Responses

Status code: 200

Information returned after the upload is complete.

```
{
 "code" : 0,
 "msg" : "success."
}
```

Status Codes

Status Code	Description
200	Information returned after the upload is complete.

4.11.5 Obtaining Download Links

Function

Obtain the download links of files.

URI

POST /koodrive/ose/v1/files/download

Request Parameters

Table 4-235 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-236 Request body parameters

Parameter	Mandatory	Type	Description
containerId	Yes	String	ID of the space where the files to be obtained are located.
fileIds	Yes	Array of strings	File ID list. Up to 100 file IDs are allowed.

Response Parameters

Status code: 200

Table 4-237 Response body parameters

Parameter	Type	Description
code	Integer	Response code.

Parameter	Type	Description
msg	String	Response information.
batchCode	Integer	Response code. ● **0**: partially successful. ● **1**: all successful. ● **2**: all failed.
downloads	Array of **DownloadInfoResponse** objects	Download link information.

Table 4-238 DownloadInfoResponse

Parameter	Type	Description
fileId	String	File ID.
fileName	String	File name.
url	String	Download link.
code	String	Response code of a single download record.
msg	String	Response message of a single download record.

Example Requests

Obtains the download links of files.

```
POST /koodrive/ose/v1/files/download

Authorization:Bearer+10f88*********4791e9ff

{
  "containerId": "IAADfsBFCO6WtAtuA9add2fea594e4e75b8feb8474ef236",
  "fileIds": [
    "Fn1bTLIOomJkTCAe9DEVBRY4U6IkuqkMZ"
  ]
}
```

Example Responses

Status code: 200

Response to the request for obtaining the file download links.

```
{
  "downloads" : [ {
    "fileId" : "Fn1bTLIOomJkTCAe9DEVBRY4U6IkuqkMZ",
    "url" : "https://b10-obs-ykj-uat-01.obs.cidc-rp-2006.joint.cmecloud.cn/
5e3fc0c5d4fa45338f44db7177579c2c087?response-content-disposition=attachment%3B%20filename%3D
```

%22%25E5%258F%2591%25E7%25A5%25A81.pdf%22&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-
Date=20231227T072939Z&X-Amz-SignedHeaders=host&X-Amz-Expires=3600&X-Amz-
Credential=MKRISPBZAJWFHNBJ5WLB%2F20231227%2Fcidc-rp-2006%2Fs3%2Faws4_request&X-Amz-
Signature=9d06798af17e2f1082b720f43af29a32b3154da4ddeee4f10025a758b599728a",
  "fileName" : "Invoice 1.pdf",
  "code" : "0",
  "msg" : "success"
}],
"batchCode" : 1,
"code" : 0,
"msg" : "Success."
}

Status Codes

Status Code	Description
200	Response to the request for obtaining the file download links.

4.11.6 Renaming a File

Function

Rename a file.

URI

POST /koodrive/ose/v1/files/rename/{fileId}

Table 4-239 Path Parameters

Parameter	Mandatory	Type	Description
fileId	Yes	String	File ID.

Request Parameters

Table 4-240 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-241 Request body parameters

Parameter	Mandatory	Type	Description
containerId	Yes	String	Space ID.
name	Yes	String	New file name, which cannot contain <>|:"*?/\ or be two periods (..) or a period (.). Maximum: **80**
renameMode	Yes	Integer	Duplicate name policy. • **2**: Forcibly renames a file with an existing name by adding a timestamp to the end of the file name. • **3**: Rejects files with the same name. A file with an existing name cannot be created.

Response Parameters

Status code: 200

Table 4-242 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.

Example Requests

Renames a file whose ID is **FtSCRFXCYtFjo315lPfRHeKRiqrDdmm_Y** under the space whose ID is **IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4** to **Download**.

```
POST /koodrive/ose/v1/files/rename/FtSCRFXCYtFjo315lPfRHeKRiqrDdmm_Y

Authorization:Bearer+10f88*********4791e9ff

{
   "name": "Download",
   "containerId": "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
   "renameMode": 2
}
```

Example Responses

Status code: 200

Information returned after a file is renamed.

```
{
 "code" : 0,
 "msg" : "success"
}
```

Status Codes

Status Code	Description
200	Information returned after a file is renamed.

4.11.7 Clearing the Recycle Bin

Function

Create an asynchronous task to clear all files in the recycle bin of the space.

URI

POST /koodrive/ose/v1/files/recycle

Request Parameters

Table 4-243 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-244 Request body parameters

Parameter	Mandatory	Type	Description
containerId	Yes	String	Space ID.

Response Parameters

Status code: 200

Table 4-245 Response body parameters

Parameter	Type	Description
code	String	Response code.

Parameter	Type	Description
msg	String	Response message.

Example Requests

Clears the files in the recycle bin of the space whose ID is **IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4**.

```
POST /koodrive/ose/v1/files/recycle

Authorization:Bearer+10f88*********4791e9ff

{
  "containerId": "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4"
}
```

Example Responses

Status code: 200

Information returned after the recycle bin is cleared.

```
{
"code" : 0,
"msg" : "success"
}
```

Status Codes

Status Code	Description
200	Information returned after the recycle bin is cleared.

4.11.8 Retrieving Files Using Search Engine Capabilities

Function

Search for files in a space by conditions such as search scope, parent directory, file name, file size range, update time range, and owner. Common users and department administrators can search for their individual and team space. Tenant administrators can search for all team spaces of the tenant.

URI

POST /koodrive/ose/v1/files/search

Request Parameters

Table 4-246 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Table 4-247 Request body parameters

Parameter	Mandatory	Type	Description
searchType	Yes	String	Query type, which is the individual space or team space.
pageInfo	Yes	**pageInfo** object	Pagination information.
filter	No	**filter** object	Filter.
sortInfo	No	**sortInfo** object	Sorting information.

Parameter	Mandatory	Type	Description
recycled	No	Boolean	Whether files in the recycle bin are queried. ● **true**: Queries files in the recycle bin. ● **false**: Queries other files in the space. Default: **false**
recursived	No	Boolean	Whether files in sub-directories are queried recursively. Default value: false.

Table 4-248 pageInfo

Parameter	Mandatory	Type	Description
pageSize	Yes	Integer	Number of records on each page. Minimum: **1** Maximum: **100**
pageCursor	Yes	String	Start cursor. If this parameter is null, the query starts from the first page.

Table 4-249 filter

Parameter	Mandatory	Type	Description
keyWord	No	String	File name, which is used for fuzzy match. Minimum: **1** Maximum: **255**
containerId	No	String	Space ID. This parameter is mandatory when the parent directory is specified.
parentFolder	No	String	Parent directory.

Parameter	Mandatory	Type	Description
fileType	No	String	File type. Enumerated values: /** * Folder / *FOLDER("10"), /* * Image / PICTURE("15"), /* * Video / VIDEO("20"), /* * Word file / WORD("26"), /* * Excel file / EXCEL("27"), /* * PowerPoint file / PPT("28"), /* * Audio / AUDIO("30"), /* * Compressed file / ARCHIVE("35"), /* * Application / APPLICATION("40"), /* * Other */ OTHER("45");*
updateTimeRange	No	String	Update time range.
ownerId	No	String	File owner.

Table 4-250 sortInfo

Parameter	Mandatory	Type	Description
sortType	No	String	Enumerated values: ● **fileName**: file name. ● **size**: file size. -** type**: file format. ● **updateTime**: update time. ● **createTime**: creation time. ● **recycledTime**: deletion time. ● **fileSuffix**: file sub-category.
sortDirection	No	String	Enumerated values: ● **desc**: descending order. ● **asc**: ascending order.

Response Parameters

Status code: 200

Table 4-251 Response body parameters

Parameter	Type	Description
code	Integer	Response code. **0** indicates success. Other values indicate failure.
msg	String	Success and error information.
files	Array of **files** objects	Search results
total	Integer	Total number of records.
nextPageCurs or	String	Start cursor of the next page. It is null for the last page.

Table 4-252 files

Parameter	Type	Description
id	String	File ID.
fileSuffix	String	File suffix.
fileName	String	File name.
fileType	String	File type.
size	String	File size.
updateTime	String	Update time.
namePath	String	Full name path.
idPath	String	Full ID path.
downloadLink s	Array of **DownLoadLi nk** objects	Thumbnail link, which is returned for an image.
teamName	String	Department name or group space name returned for the team space.
teamId	String	Group ID, that is, department ID or group ID.
containerId	String	Space ID.
containerType	String	**0**: department space; **1**: individual space; **2**: group space.
favorite	Boolean	Whether the file returned by the individual space or team space is added to favorites by the current user.
owner	String	Owner name returned for the team space.

Parameter	Type	Description
metadataAuditInfo	**FileAuditInfo** object	File moderation information.
contentAuditInfo	**FileAuditInfo** object	File moderation information.

Table 4-253 DownLoadLink

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
downloadLink	String	Attachment download link.

Table 4-254 FileAuditInfo

Parameter	Type	Description
auditStatus	Integer	Moderation status. ● **0**: not reviewed. ● **1**: reviewed. Enumeration values: ● **0** ● **1**
auditLevel	Integer	Moderation level. ● **10**: machine moderation. ● **20**: human moderation. ● **30**: machine and human moderation. ● **99**: appeal moderation. Enumeration values: ● **10** ● **20** ● **30** ● **99**

Parameter	Type	Description
auditResult	Integer	Moderation result. ● **1**: normal file. ● **2**: file with low-sensitive content. ● **3**: file with high-sensitive content. ● **4**: file with sensitive metadata. Enumeration values: ● **1** ● **2** ● **3** ● **4**
auditDetail	String	Moderation details.

Example Requests

Example request for searching for a file.

```
POST /koodrive/ose/v1/files/search

Authorization:Bearer+10f88*********4791e9ff
{
  "searchType" : " personal/team",
  "pageInfo" : {
    "pageSize" : 100,
    "pageCursor" : 1
  },
  "filter" : {
    "keyWord" : "Material",
    "containerId" : "123456",
    "parentFolder" : "1",
    "fileType" : "1",
    "sizeRang" : "1024,2048",
    "updateTimeRange" : "2023-11-02,2023-11-21",
    "ownerId" : "Owner ID"
  }
}
```

Example Responses

Status code: 200

Search results

```
{
  "code" : 0,
  "msg" : "success",
  "files" : [ {
    "id" : "Abc",
    "fileName" : "Abc",
    "fileType" : "1",
    "size" : "1024",
    "updateTime" : "2023-05-26T02:08:53.683Z",
    "namePath" : "",
    "downloadLinks" : "",
    "deptName" : ""
```

```
}],
"total" : 1000
}
```

Status Codes

Status Code	Description
200	Search results

4.11.9 Obtaining the Full Name and ID Paths of a File

Function

Obtain the full name and ID paths of a file.

URI

GET /koodrive/ose/v1/files/path

Table 4-255 Query Parameters

Parameter	Mandatory	Type	Description
fileId	Yes	String	File ID.
containerId	Yes	String	Space ID.

Request Parameters

Table 4-256 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Message log trace ID. The value contains 58 bits.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-257 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response message.
fileIdPath	String	Full path of the file ID.
namePath	String	Full path of the file name.

Example Requests

Queries the full directory path of a file.

```
GET /koodrive/ose/v1/files/path?
fileId=FqS6hLLy_DkjlWdfOnEdCErhsmokRvdXI&containerId=IAADfsBFCO6WtAtuA315074383680425b8aa9a1
30cba2d4

Authorization:Bearer+10f88*********4791e9ff
```

Example Responses

Status code: 200

Full path information.

```
{
  "fileIdPath" : "/DEUI7pa0C24ArootIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4/
FkbdCAceMj89bprz5xLJASID1eaRqjlRP/FqIAmBlIz7ovbThxeUBlOpbnCHaP_MTUL/
FqS6hLLy_DkjlWdfOnEdCErhsmokRvdXI",
  "namePath" : "/rootIAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4/007/001/Batch Task Test",
  "code" : 0,
  "msg" : "OK"
}
```

Status Codes

Status Code	Description
200	Full path information.

4.12 File Favorites

4.12.1 Adding Files to Favorites

Function

Add files to favorites or remove files from favorites. Up to 100 files are supported.

URI

POST /koodrive/ose/v1/star/batch

Request Parameters

Table 4-258 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
x-hw-trace-id	No	String	Message log trace ID. The value contains 58 bits.

Table 4-259 Request body parameters

Parameter	Mandatory	Type	Description
starred	Yes	Boolean	Whether files are added to favorites.

Parameter	Mandatory	Type	Description
subRequestList	Yes	Array of **StarFileRequest** objects	Files to be added to favorites.

Table 4-260 StarFileRequest

Parameter	Mandatory	Type	Description
containerId	Yes	String	Space ID.
fileId	Yes	String	File ID, which must be unique.

Response Parameters

Status code: 200

Table 4-261 Response body parameters

Parameter	Type	Description
status	Integer	Response status. **0**: all successful; **1**: partially successful; **2**: all failed.
subResponseList	Array of **SubResponse** objects	Sub-response list.

Table 4-262 SubResponse

Parameter	Type	Description
fileId	String	File ID.
code	String	Response code.
message	String	Response information.

Example Requests

```
{
  "starred" : true,
  "subRequestList" : [ {
    "containerId" : "IAADfsBFCO6WtAtuA315074383680425b8aa9a130cba2d4",
    "fileId" : "Fn1bTLIOomJkTCAe9DEVBRY4U6IkuqkMZ"
  } ]
}
```

Example Responses

Status code: 200

OK

```
{
  "status" : 0,
  "subResponseList" : [ {
    "fileId" : "Fn1bTLIOomJkTCAe9DEVBRY4U6IkuqkMZ",
    "code" : "0",
    "message" : "success"
  } ]
}
```

Status Codes

Status Code	Description
200	OK

4.12.2 Listing Files in Favorites

Function

List files in favorites. Up to 100 files are supported.

URI

GET /koodrive/ose/v1/star/files

Table 4-263 Query Parameters

Parameter	Mandatory	Type	Description
pageSize	No	Integer	Number of records to be returned on each page. Default and maximum value: 100. It is possible that partial or empty result pages are returned before the end of the result list has been reached. Maximum: **100**
pageCursor	No	String	Current page cursor, which is obtained from **nextCursor** of the previous response.
sortType	No	Integer	Sorting type. **1**: by the time when a file is added to favorites (default).

Parameter	Mandatory	Type	Description
sortDirection	No	Integer	Sorting order. **1**: ascending; **2**: descending (default).
fileType	No	String	File type. ● **10**: folder. ● **15**: image. ● **20**: video. ● **26**: Word file. ● **27**: Excel file. ● **28**: PowerPoint file. ● **30**: audio. ● **35**: compressed file. ● **40**: application. ● **45**: other.

Request Parameters

Table 4-264 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
x-hw-trace-id	No	String	Message log trace ID. The value contains 58 bits.

Response Parameters

Status code: 200

Table 4-265 Response body parameters

Parameter	Type	Description
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.
autoDeleted	Integer	Number of automatically deleted files (original files have been physically deleted).
starFiles	Array of **StarFileInfo** objects	

Table 4-266 StarFileInfo

Parameter	Type	Description
category	String	Type. The value is **drive#file**. Enumeration values: • **drive#file**
id	String	File ID.
fileName	String	File name, which contains up to 160 bytes.
fileType	String	File type, which is input externally.
mimeType	String	Content type.
description	String	File description. The value contains up to 512 characters and cannot contain emojis or invalid characters. Maximum: **512**
favorite	Boolean	Whether the file is added to favorites.
recycled	Boolean	Whether the file is moved to the recycle bin.
directlyRecycled	Boolean	Whether the file is directly moved to the recycle bin. If the folder containing this file is deleted, the value is **false**. If the file is directly deleted, the value is **true**.
recyclingUser	**User** object	User that deletes the file.
recycledTime	String	Time when the file is moved to the recycle bin.
parentFolder	Array of strings	List of parent directory IDs. Currently, only the first ID is used.
properties	Map<String,String>	Common user-defined attributes of the file. The number of key-value pairs cannot exceed 30. A single key-value pair can contain up to 124 characters.

Parameter	Type	Description
appSettings	Map<String,String>	User-defined app attributes. The number of key-value pairs cannot exceed 30. A single key-value pair can contain up to 124 characters.
containers	Array of strings	Space ID.
version	Integer	Version number.
createdTime	String	File creation time.
editedTime	String	File modification time.
editedByMeTime	String	Time when you modify the file.
editedByMe	Boolean	Whether the file is modified by you.
sharedWithMeTime	String	Time when the file is shared to you.
sharer	**User** object	User who shares the file.
owners	Array of **User** objects	Owner.
lastEditor	**User** object	Last editor.
hasShared	Boolean	Whether the file is shared.
ownedByMe	Boolean	Whether the file is uploaded by you.
capabilities	**Capabilities** object	Capabilities.
viewersHasCopyContentPermission	Boolean	Whether a viewer can copy content.
writerHasCopyPermission	Boolean	Whether the writer permission is required for replication.
writersHasSharePermission	Boolean	Whether a user with the write permission can share the file.
originalFilename	String	Original file name, which contains up to 80 characters. The value cannot contain <>|:"*? /\ or emojis. The value cannot be two periods (..), a period (.), or a space.
fullFileSuffix	String	Complete file name extension, which is the characters following the first period (.) in the name.
fileSuffix	String	File name extension, which is the last character string of **fullFileExtension**.

Parameter	Type	Description
size	Integer	File size.
pictureMetadata	**PictureMetadata** object	Image metadata.
videoMetadata	**VideoMetadata** object	Video metadata.
audioMetadata	**AudioMetadata** object	Audio metadata.
sha256	String	SHA256 of the file.
lastHistoryVersionId	String	ID of the latest historical version.
attachments	Array of **Attachment** objects	Attachment (Usage, Attachment). Only the app ID of the risk control service is returned.
iconDownloadLink	String	Icon link.
existThumbnail	Boolean	Whether a thumbnail is available.
privateKey	String	Special folder ID. The usage rules are as follows: ● The name cannot be **_default**. ● This parameter can be specified only when the folder is created in the space root directory. ● This parameter can be specified only when a folder is created. ● The value must be unique in the same space.
signedDownloadLink	String	Download link of the FileProxy signature, which is used for online playback.
downloadLinks	Array of **DownloadLink** objects	Link for downloading FileProxy files.
localPath	String	ID path of the top-level parent directory during change (the first 10 levels are used). This parameter is returned for change record and file query.
sortName	String	Sorting name after filename conversion.
userProperties	**PrivateProperties** object	User attributes.

Parameter	Type	Description
starredTime	String	Time when the file is added to favorites.
filePath	String	File location, specific to the team name.
spaceType	String	Space type. • **1**: individual space. • **2**: team space. • **3**: recycle bin. • **4**: space without access permission.
invalid	Integer	Whether the file has expired. *0*: normal; *1*: expired.
metadataAuditInfo	**FileAuditInfo** object	File moderation information.
contentAuditInfo	**FileAuditInfo** object	File moderation information.

Table 4-267 User

Parameter	Type	Description
category	String	Type. The value is **drive#user**. Enumeration values: • **drive#user**
userId	String	Huawei user ID.
displayName	String	Display name of the user.
me	Boolean	Whether you are the user.
permissionId	String	Permission ID.

Table 4-268 Capabilities

Parameter	Type	Description
addChildNodePermission	Boolean	Whether a sub-directory or sub-file can be added.
writerHasChangeCopyPermission	Boolean	Whether the write permission is required for change and replication.
commentPermission	Boolean	Whether comments can be made.

Parameter	Type	Description
copyPermissio n	Boolean	Whether the file can be copied.
deletePermissi on	Boolean	Whether the file can be deleted.
downloadPer mission	Boolean	Whether the content can be downloaded.
editPermissio n	Boolean	Whether the file can be edited.
listChildNode Permission	Boolean	Whether sub-directories or sub-files can be listed.
editContentPe rmission	Boolean	Whether the content can be modified.
readHistoryVe rsionPermissio n	Boolean	Whether a backup can be read.
removeChildN odePermissio n	Boolean	Whether a sub-directory can be moved.
renameFilePer mission	Boolean	Whether the file can be renamed.
shareFilePerm ission	Boolean	Whether the file can be shared.
recyclePermis sion	Boolean	Whether the file can be moved to the recycle bin.
unrecyclePer mission	Boolean	Whether moving a sub-file to the recycle bin can be withdrawn.

Table 4-269 PictureMetadata

Parameter	Type	Description
width	Integer	Photo width.
height	Integer	Photo height.
rotation	Integer	Photo rotation angle. This parameter is not available currently.
location	**Location** object	Location information.

Parameter	Type	Description
exifTime	String	Time of the photo. The value is an EXIF DateTime.
cameraMaker	String	Camera manufacturer.
cameraModel	String	Camera model.
exposureTime	Float	Exposure time, in seconds.
aperture	Float	Aperture f-number.
flashUsed	Boolean	Whether the flash is used.
focalLength	Float	Focal length, in millimeters.
isoSpeed	Integer	ISO speed.
meteringMode	String	Metering mode.
sensor	String	Sensor type.
exposureMode	String	Exposure mode.
colorSpace	String	Color space.
whiteBalance	String	White balance mode.
exposureBias	Float	Exposure bias. The value is an APEX value.
maxApertureValue	Float	Maximum aperture. The value is an APEX value.
subjectDistance	Integer	Distance to subject, in meters. This parameter is not available currently.
lens	String	Lens.

Table 4-270 Location

Parameter	Type	Description
latitude	Double	Latitude.
longitude	Double	Longitude.
altitude	Double	Altitude.

Table 4-271 VideoMetadata

Parameter	Type	Description
width	Integer	Width.
height	Integer	Altitude.
durationTime	Integer	Duration, in milliseconds.
position	String	Longitude and latitude information. The format is "x":"111","y":"222","z":"2222".
rotation	Integer	Rotation angle. Value range: 1 to 8.
format	String	Video encoding format, for example, H.264, H.265, VP8, VP9, Ogg, and MPEG-4 AVC.
dynamicRange	String	SDR or HDR.
snapshotTime	String	Shooting time.

Table 4-272 AudioMetadata

Parameter	Type	Description
durationTime	Integer	Duration, in milliseconds.
sampleRate	String	Sampling rate, for example, 16,000 or 48,000.
encoding	String	Audio encoding format, for example, PCM, AAC, AMR, or AMR-WB.
codeRate	Number	Bit rate, in kbit/s. Example: 12.8.
rateModel	String	Bit rate mode, for example, CBR.
languageCode	String	Language code, for example, en.

Table 4-273 Attachment

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
assetId	String	Asset ID
length	Long	File size.
versionId	String	Asset version ID.
mimeType	String	MIME type.

Parameter	Type	Description
hash	String	Hash of the resource associated with the asset.
sha256	String	SHA256 of the resource associated with the asset.
createdTime	String	Time when the data is created.
modifiedTime	String	Time when the data is last modified.
attributes	Map<String,Object>	Type attributes.
asset	**Asset** object	Asset.

Table 4-274 Asset

Parameter	Type	Description
id	String	Asset ID
versionId	String	Asset version ID.
version	Long	Version number.
mimeType	String	MIME type
keepPolicy	Integer	Storage policy of historical versions. ● **0**: automatic clearance. Two versions are retained. The earliest version is deleted when the third version is added. (This prevents obtaining failures in concurrent scenarios.) ● **1**: permanent storage. Default: **0**
state	Integer	Data status. ● **0**: available. ● **1**: unavailable. ● **2**: temporary. ● **3**: retained (flash upload unsupported). ● **4**: to be cut over. Enumeration values: ● **0** ● **1** ● **2** ● **3** ● **4**

Parameter	Type	Description
createdTime	String	Time when the data is created.
modifiedTime	String	Time when the data is last modified.
lastModifying User	String	UPID of the user that last modifies the data.
resource	**Resource** object	Resource.
cipher	**Cipher** object	Cipher.
attributes	Map<String,Object>	Type attributes. A key consists of letters and digits and starts with a letter. A value cannot contain emojis. The size of an attribute is not limited, but the total size cannot exceed 16 KB. Attribute options: ● **pictureMetadata**: image attribute data. For details, see the definition of **PictureMetadata**. ● **videoMetadata**: video attribute data. For details, see the definition of **VideoMetadata**. ● **audioMetadata**: audio attribute data. For details, see the definition of **AudioMetadata**. ● **contentDisposition**: used when **response-content-disposition** is not specified for the downloaded attachment (valid when **resource.type** is set to **12**).
properties	Map<String,String>	Extended attributes.

Table 4-275 Resource

Parameter	Type	Description
id	String	ID of the file resource.
hash	String	Hash of the file resource.
length	Long	Size of the file resource.
sha256	String	SHA256 of the file (used for integrity check).
type	Integer	Resource type. ● **0**: ciphertext multipart file. ● **3**: plaintext multipart file. ● **12**: plaintext single-part file.

Parameter	Type	Description
state	Integer	Data status. • **0**: available. • **1**: unavailable. • **2**: temporary. • **3**: retained (flash upload unsupported). • **4**: to be cut over.
sliceSize	Long	Part size.
hfek	String	Hash of the FEK of the encrypted file. This parameter is applicable when **type** is set to **0**.
iv	String	IV of the encrypted file. This parameter is applicable when **type** is set to **0**.
createdTime	String	Time when the data is created.
modifiedTime	String	Time when the data is last modified.
objects	Array of **SliceObject** objects	Part object, which is applicable when **type** is set to **0** or **3**.
attributes	Map<String,Object>	Type attributes.
properties	Map<String,String>	Extended attributes.

Table 4-276 SliceObject

Parameter	Type	Description
id	String	Part ID.
number	Integer	Part No., starting from 0. This parameter is not applicable when **type** is set to **12**.
start	Long	Start position of a part, which is not applicable when **type** is set to **12**.
sha256	String	SHA256 of the part (or SHA256 of the ciphertext if the part is encrypted.)
length	Long	Part length (or ciphertext length if the part is encrypted).
bucket	String	OBS bucket information.
createdTime	String	Time when the data is created.
modifiedTime	String	Time when the data is last modified.

Parameter	Type	Description
uploadUrl	**EndpointURL** object	Upload URL.
downloadUrl	**EndpointURL** object	Download URL.
uploadId	String	Multipart upload ID. This parameter is applicable when **type** is set to **12** and **uploadMode** is set to **multipart**.
attributes	Map<String,Object>	Type attributes.
properties	Map<String,String>	Extended attributes.

Table 4-277 EndpointURL

Parameter	Type	Description
url	String	URL
method	String	http method
headers	Map<String,String>	http headers
forms	Map<String,String>	Form parameter, which is applicable when **type** is set to **12** and **uploadMode** is set to **post**.
partId	String	Multipart parameter, which is applicable when **type** is set to **12** and **uploadMode** is set to **multipart**.

Table 4-278 Cipher

Parameter	Type	Description
algorithm	String	Encryption algorithm. Enumeration values: ● **AES_128_CBC_PKCS5Padding**
hfek	String	Hash of the FEK of the encrypted file. This parameter is applicable when **type** is set to **0** or **4**.
iv	String	IV of the encrypted file. This parameter is applicable when **type** is set to **0** or **4**.

Parameter	Type	Description
dataType	Integer	Data type. ● **11**: sync drive. Enumeration values: ● **0** ● **1** ● **10** ● **11**
keychains	Array of **Keychain** objects	Keychain.

Table 4-279 Keychain

Parameter	Type	Description
id	String	Key UUID. Maximum: **128**
type	Integer	Key type. ● **1**: efek. ● **2**: zfek. ● **3**: sfek.
algorithm	String	Encryption algorithm. Enumeration values: ● **AES_128_CBC_PKCS5Padding** ● **AES_256_CBC_PKCS5Padding**
ekey	String	Encrypted key. Maximum: **512**

Table 4-280 DownloadLink

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
downloadLink	String	Attachment download link.
version	Integer	Attachment version.

Table 4-281 PrivateProperties

Parameter	Type	Description
attributes	Map<String,Object>	Type attributes (The size of a single attribute is not limited, but the total size cannot exceed 16 KB.)
properties	Map<String,String>	Extended attributes (The size of a single attribute is not limited, but the total size cannot exceed 16 KB.)

Table 4-282 FileAuditInfo

Parameter	Type	Description
auditStatus	Integer	Moderation status. ● **0**: not reviewed. ● **1**: reviewed. Enumeration values: ● **0** ● **1**
auditLevel	Integer	Moderation level. ● **10**: machine moderation. ● **20**: human moderation. ● **30**: machine and human moderation. ● **99**: appeal moderation. Enumeration values: ● **10** ● **20** ● **30** ● **99**
auditResult	Integer	Moderation result. ● **1**: normal file. ● **2**: file with low-sensitive content. ● **3**: file with high-sensitive content. ● **4**: file with sensitive metadata. Enumeration values: ● **1** ● **2** ● **3** ● **4**

Parameter	Type	Description
auditDetail	String	Moderation details.

Example Requests

None

Example Responses

None

Status Codes

Status Code	Description
200	OK

4.13 Sharing Management - Shared by You

4.13.1 Sharing a File

Function

Share a file.

URI

POST /koodrive/ose/v1/share

Request Parameters

Table 4-283 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-284 Request body parameters

Parameter	Mandatory	Type	Description
scope	Yes	Integer	Sharing scope. **1**: all users who receive the link; **2**: enterprise users only; 3: specified enterprise users.
deptIds	No	Array of strings	Department ID list.
groupIds	No	Array of strings	List of user group IDs.
userIds	No	Array of strings	User ID list.
fileIds	Yes	Array of strings	File ID list.
containerId	Yes	String	Space ID.
permission	No	**SharePermission** object	Sharing permission (supported in the future).
extractCode	No	String	Access code.
expireTime	No	String	Expiration time.
comment	No	String	Sharing message.

Parameter	Mandatory	Type	Description
validDays	Yes	Integer	Sharing validity period. Value range: 1 to 365 days.

Table 4-285 SharePermission

Parameter	Mandatory	Type	Description
preview	No	Boolean	Preview permission.
edit	No	Boolean	Editing permission.
download	No	Boolean	Download permission.

Response Parameters

Status code: 200

Table 4-286 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
shareLink	**shareLink** object	Sharing link information.

Table 4-287 shareLink

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing short code.
linkUrl	String	Sharing link.
extractCode	String	Access code.
comment	String	Message.
createTime	String	Creation time.
expireTime	String	Expiration time.

Status code: 400

Table 4-288 Response body parameters

Parameter	Type	Description
error	**Error** object	

Table 4-289 Error

Parameter	Type	Description
errorData	**errorData** object	Extended data returned to visitors when an exception occurs.
errorDetail	Array of **ErrorMsg** objects	Error chain.
code	Integer	HTTP status code.
description	String	HTTP status information.

Table 4-290 errorData

Parameter	Type	Description
conflictFileId	String	Conflicting file ID.

Table 4-291 ErrorMsg

Parameter	Type	Description
domain	String	Domain.
reason	String	Error cause.
errorCode	String	Internal system error code. For details, see the error code specifications.
description	String	Error message.
errorPos	String	Error position type.
errorParam	String	Error position.

Example Requests

```
POST /koodrive/ose/v1/share

Authorization:Bearer+10f88*********4791e9ff

{
```

```
  "scope": 0,
  "deptIds": [
    "string"
  ],
  "groupIds": [
    "string"
  ],
  "userIds": [
    "string"
  ],
  "fileIds": [
    "string"
  ],
  "containerId": "string",
  "permission": {
    "preview": true,
    "edit": true,
    "download": true
  },
  "extractCode": "string",
  "expireTime": "2024-06-03T01:54:57.288Z",
  "comment": "string",
  "validDays": 0
}
```

Example Responses

Status code: 200

OK

```
{
  "data" : {
    "taskId" : "1428103989525998336"
  },
  "code" : 0,
  "msg" : "OK"
}
```

Status code: 400

```
{
  "error" : {
    "errorData" : {
      "conflictFileId" : "string"
    },
    "errorDetail" : [ {
      "domain" : "string",
      "reason" : "string",
      "errorCode" : "string",
      "description" : "string",
      "errorPos" : "string",
      "errorParam" : "string"
    } ],
    "code" : 0,
    "description" : "string"
  }
}
```

Status Codes

Status Code	Description
200	OK

Status Code	Description
400	

4.13.2 Listing Files Shared by You

Function

List files shared by you. One sharing record occupies one line. When multiple files are shared, a folder with the first file name is displayed. When a single file is shared, the file information is displayed.

URI

GET /koodrive/ose/v1/share

Table 4-292 Query Parameters

Parameter	Mandatory	Type	Description
pageSize	No	Integer	Number of records to be returned on each page. Default and maximum value: 100. It is possible that partial or empty result pages are returned before the end of the result list has been reached. Maximum: **100**
pageCursor	No	String	Current page cursor, which is obtained from **nextCursor** of the previous response.
sortType	No	Integer	Sorting type. **4**: by sharing time (default).
sortDirection	No	Integer	Sorting order. **1**: ascending; **2**: descending (default).
displayName	No	String	Fuzzy match by display name is supported.

Request Parameters

Table 4-293 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Response Parameters

Status code: 200

Table 4-294 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.
shareLinks	Array of **ShareByMeLink** objects	Sharing link list.

Table 4-295 ShareByMeLink

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing short code.
linkUrl	String	Sharing link.

Parameter	Type	Description
shareTime	String	Time when the file is shared.
scope	Integer	Sharing scope. **1**: all users who receive the link; **2**: enterprise users only; 3: specified enterprise users.
files	Array of **ShareFileInfo** objects	List of shared files.
displayName	String	Display name.
permission	**SharePermission** object	Sharing permission (supported in the future).
extractCode	String	Access code.
expireTime	String	Expiration time.
status	Integer	Sharing status. **0**: determined based on the expiration time. **1**: The file has been deleted. **2**: expired.
comment	String	Sharing message.
viewCnt	Integer	Number of views.
downloadCnt	Integer	Number of download times (supported in the future).
saveCnt	Integer	Number of dump times (supported in the future).
containerId	String	ID of the space to which the shared file belongs.
containerName	String	Space to which the shared file belongs.

Table 4-296 ShareFileInfo

Parameter	Type	Description
id	String	*File ID.
fileName	String	*File name, which contains up to 160 bytes.
fileType	String	File type, which is input externally.
mimeType	String	*Content type.
size	Integer	File size.

Parameter	Type	Description
parentFolder	Array of strings	List of parent directory IDs. Currently, only the first ID is used.
fileSuffix	String	File name extension, which is the last character string of **fullFileExtension**.
containers	Array of strings	Space ID.

Table 4-297 SharePermission

Parameter	Type	Description
preview	Boolean	Preview permission.
edit	Boolean	Editing permission.
download	Boolean	Download permission.

Example Requests

GET /koodrive/ose/v1/share?pageSize=&pageCursor=0&sortType=2&sortDirection=4&displayName=

Authorization:Bearer+10f88*************5a544791e9ff

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "nextCursor" : "string",
  "shareLinks" : [ {
    "shareId" : "string",
    "shortUrl" : "string",
    "linkUrl" : "string",
    "shareTime" : "2024-06-03T01:58:35.419Z",
    "scope" : 0,
    "files" : [ {
      "id" : "string",
      "fileName" : "string",
      "fileType" : "string",
      "mimeType" : "string",
      "size" : 0,
      "parentFolder" : [ "string" ],
      "fileSuffix" : "string",
      "containers" : [ "string" ]
    } ],
    "displayName" : "string",
    "permission" : {
      "preview" : true,
      "edit" : true,
      "download" : true
    },
```

```
      "extractCode" : "string",
      "expireTime" : "2024-06-03T01:58:35.419Z",
      "status" : 0,
      "comment" : "string",
      "viewCnt" : 0,
      "downloadCnt" : 0,
      "saveCnt" : 0,
      "containerId" : "string",
      "containerName" : "string"
   } ]
}
```

Status Codes

Status Code	Description
200	OK

4.13.3 Obtaining Sharing Details

Function

Obtain sharing details.

URI

GET /koodrive/ose/v1/share/{shareId}

Table 4-298 Path Parameters

Parameter	Mandatory	Type	Description
shareId	Yes	String	Sharing ID.

Request Parameters

Table 4-299 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Response Parameters

Status code: 200

Table 4-300 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
shareLink	**ShareByMeLinkDetail** object	Details about the sharing link.

Table 4-301 ShareByMeLinkDetail

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing short code.
linkUrl	String	Sharing link.
shareTime	String	Time when the file is shared.

Parameter	Type	Description
scope	Integer	Sharing scope. **1**: all users who receive the link; **2**: enterprise users only; 3: specified enterprise users.
depts	Array of **DeptInfo** objects	Department list.
groups	Array of **GroupInfo** objects	User group list.
users	Array of **UserInfo** objects	User list.
displayName	String	Display name.
permission	**SharePermission** object	Sharing permission (supported in the future).
extractCode	String	Access code.
expireTime	String	Expiration time.
status	Integer	Sharing status. **0**: determined based on the expiration time. **1**: The file has been deleted. **2**: expired.
comment	String	Sharing message.

Table 4-302 DeptInfo

Parameter	Type	Description
id	String	Department ID.
name	String	Department name.

Table 4-303 GroupInfo

Parameter	Type	Description
id	String	User group ID.
name	String	User group name.

Table 4-304 UserInfo

Parameter	Type	Description
id	String	User ID.
name	String	Username.

Table 4-305 SharePermission

Parameter	Type	Description
preview	Boolean	Preview permission.
edit	Boolean	Editing permission.
download	Boolean	Download permission.

Example Requests

```
GET /koodrive/ose/v1/share/{shareId}

Authorization:Bearer+10f88*************5a544791e9ff
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "shareLink" : {
    "shareId" : "string",
    "shortUrl" : "string",
    "linkUrl" : "string",
    "shareTime" : "2024-06-03T01:59:05.324Z",
    "scope" : 0,
    "depts" : [ {
      "id" : "string",
      "name" : "string"
    } ],
    "groups" : [ {
      "id" : "string",
      "name" : "string"
    } ],
    "users" : [ {
      "id" : "string",
      "name" : "string"
    } ],
    "displayName" : "string",
    "permission" : {
      "preview" : true,
      "edit" : true,
      "download" : true
    },
    "extractCode" : "string",
    "expireTime" : "2024-06-03T01:59:05.324Z",
    "status" : 0,
```

```
    "comment" : "string"
  }
}
```

Status Codes

Status Code	Description
200	OK

4.13.4 Modifying Sharing Settings

Function

Modify sharing settings.

URI

PUT /koodrive/ose/v1/share/{shareId}

Table 4-306 Path Parameters

Parameter	Mandatory	Type	Description
shareId	Yes	String	Sharing ID.

Request Parameters

Table 4-307 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-308 Request body parameters

Parameter	Mandatory	Type	Description
deptIds	No	Array of strings	Department ID list.
groupIds	No	Array of strings	List of user group IDs.
userIds	No	Array of strings	User ID list.
permission	No	**SharePermission** object	Sharing permission (supported in the future).
expireTime	No	String	Expiration time.
extractCode	No	String	Access code.
comment	No	String	Sharing message.
validDays	Yes	Integer	Sharing validity period, ranging from 0 to 365 days. **0** indicates no change.

Table 4-309 SharePermission

Parameter	Mandatory	Type	Description
preview	No	Boolean	Preview permission.
edit	No	Boolean	Editing permission.
download	No	Boolean	Download permission.

Response Parameters

Status code: 200

Table 4-310 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
shareLink	**shareLink** object	Sharing link information.

Table 4-311 shareLink

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing link.
extractCode	String	Access code.
createTime	String	Creation time.
updateTime	String	Modification time.
expireTime	String	Expiration time.

Example Requests

```
PUT /koodrive/ose/v1/share/{shareId}

{
 "deptIds" : [ "string" ],
 "groupIds" : [ "string" ],
 "userIds" : [ "string" ],
 "permission" : {
   "preview" : true,
   "edit" : true,
   "download" : true
 },
 "expireTime" : "2024-06-03T02:00:39.952Z",
 "extractCode" : "string",
 "comment" : "string",
 "validDays" : 0
}
```

Example Responses

Status code: 200

OK

```
{
 "code" : "string",
 "msg" : "string",
 "shareLink" : {
   "shareId" : "string",
   "shortUrl" : "string",
   "extractCode" : "string",
   "createTime" : "2024-06-03T02:00:39.953Z",
   "updateTime" : "2024-06-03T02:00:39.953Z",
   "expireTime" : "2024-06-03T02:00:39.953Z"
 }
}
```

Status Codes

Status Code	Description
200	OK

4.13.5 Stopping Sharing Files

Function

Stop sharing files.

URI

POST /koodrive/ose/v1/share/cancel

Request Parameters

Table 4-312 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-313 Request body parameters

Parameter	Mandatory	Type	Description
shareIds	No	Array of strings	List of IDs of files whose sharing is to be stopped.

Response Parameters

Status code: 200

Table 4-314 Response body parameters

Parameter	Type	Description
code	String	Response code.

Parameter	Type	Description
msg	String	Response information.
subResponseList	Array of **ShareSubResponse** objects	Sub-response list.

Table 4-315 ShareSubResponse

Parameter	Type	Description
shareId	String	Sharing ID.
code	String	Sub-response code.
message	String	Sub-response message.

Example Requests

```
POST /koodrive/ose/v1/share/cancel

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

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "subResponseList" : [ {
    "shareId" : "string",
    "code" : "string",
    "message" : "string"
  } ]
}
```

Status Codes

Status Code	Description
200	OK

4.14 Sharing Management - Shared with You

4.14.1 Listing Files Shared with You

Function

List files shared with you.

URI

GET /koodrive/ose/v1/share/received

Table 4-316 Query Parameters

Parameter	Mandatory	Type	Description
pageSize	No	Integer	Number of records to be returned on each page. Default and maximum value: 100. It is possible that partial or empty result pages are returned before the end of the result list has been reached. Maximum: **100**
pageCursor	No	String	Current page cursor, which is obtained from **nextCursor** of the previous response.
sortType	No	Integer	Sorting type. **4**: by sharing time (default).
sortDirection	No	Integer	Sorting order. **1**: ascending; **2**: descending (default).
displayName	No	String	Fuzzy match by display name is supported.

Request Parameters

Table 4-317 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Response Parameters

Status code: 200

Table 4-318 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.
shareLinks	Array of **ShareWithMeLink** objects	Sharing link list.

Table 4-319 ShareWithMeLink

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing short code.
linkUrl	String	Sharing link.

Parameter	Type	Description
shareTime	String	Time when the file is shared.
ownerId	String	Sharer ID.
ownerName	String	Sharer name.
displayName	String	Display name.
files	Array of **ShareFileInfo** objects	List of shared files.
permission	**SharePermission** object	Sharing permission (supported in the future).
expireTime	String	Expiration time.
status	Integer	Sharing status. **0**: determined based on the expiration time. **1**: The file has been deleted. **2**: expired.
comment	String	Sharing message.

Table 4-320 ShareFileInfo

Parameter	Type	Description
id	String	*File ID.
fileName	String	*File name, which contains up to 160 bytes.
fileType	String	File type, which is input externally.
mimeType	String	*Content type.
size	Integer	File size.
parentFolder	Array of strings	List of parent directory IDs. Currently, only the first ID is used.
fileSuffix	String	File name extension, which is the last character string of **fullFileExtension**.
containers	Array of strings	Space ID.

Table 4-321 SharePermission

Parameter	Type	Description
preview	Boolean	Preview permission.

Parameter	Type	Description
edit	Boolean	Editing permission.
download	Boolean	Download permission.

Example Requests

GET /koodrive/ose/v1/share/received?
pageSize=&pageCursor=0&sortType=2&sortDirection=4&displayName=&tenantId=String

Authorization:Bearer+10f88*************5a544791e9ff

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "nextCursor" : "string",
  "shareLinks" : [ {
    "shareId" : "string",
    "shortUrl" : "string",
    "linkUrl" : "string",
    "shareTime" : "2024-06-03T02:02:00.797Z",
    "ownerId" : "string",
    "ownerName" : "string",
    "displayName" : "string",
    "files" : [ {
      "id" : "string",
      "fileName" : "string",
      "fileType" : "string",
      "mimeType" : "string",
      "size" : 0,
      "parentFolder" : [ "string" ],
      "fileSuffix" : "string",
      "containers" : [ "string" ]
    } ],
    "permission" : {
      "preview" : true,
      "edit" : true,
      "download" : true
    },
    "expireTime" : "2024-06-03T02:02:00.797Z",
    "status" : 0,
    "comment" : "string"
  } ]
}
```

Status Codes

Status Code	Description
200	OK

4.14.2 Obtain Sharing Details

Function

Obtain sharing details.

URI

GET /koodrive/ose/v1/share/received/{shareId}

Table 4-322 Path Parameters

Parameter	Mandatory	Type	Description
shareId	Yes	String	Sharing ID.

Request Parameters

Table 4-323 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Response Parameters

Status code: 200

Table 4-324 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.

Parameter	Type	Description
shareLink	**ShareWithMeLinkDetail** object	Information about the link shared with you.

Table 4-325 ShareWithMeLinkDetail

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing short code.
linkUrl	String	Sharing link.
shareTime	String	Time when the file is shared.
ownerId	String	Sharer ID.
ownerName	String	Sharer name.
displayName	String	Display name.
permission	**SharePermission** object	Sharing permission (supported in the future).
expireTime	String	Expiration time.
status	Integer	Sharing status. **0**: determined based on the expiration time. **1**: The file has been deleted. **2**: expired.
comment	String	Sharing message.

Table 4-326 SharePermission

Parameter	Type	Description
preview	Boolean	Preview permission.
edit	Boolean	Editing permission.
download	Boolean	Download permission.

Example Requests

GET /koodrive/ose/v1/share/received/{shareId}

Authorization:Bearer+10f88*************5a544791e9ff

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "shareLink" : {
    "shareId" : "string",
    "shortUrl" : "string",
    "linkUrl" : "string",
    "shareTime" : "string",
    "ownerId" : "string",
    "ownerName" : "string",
    "displayName" : "string",
    "permission" : {
      "preview" : true,
      "edit" : true,
      "download" : true
    },
    "expireTime" : "2024-06-03T02:18:51.520Z",
    "status" : 0,
    "comment" : "string"
  }
}
```

Status Codes

Status Code	Description
200	OK

4.14.3 Removing Yourself from Shared Files

Function

Remove yourself from shared files.

URI

POST /koodrive/ose/v1/share/exit

Request Parameters

Table 4-327 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-328 Request body parameters

Parameter	Mandatory	Type	Description
shareIds	No	Array of strings	List of IDs of target shared files.

Response Parameters

Status code: 200

Table 4-329 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
subResponseList	Array of **ShareSubResponse** objects	Sub-response list.

Table 4-330 ShareSubResponse

Parameter	Type	Description
shareId	String	Sharing ID.
code	String	Sub-response code.
message	String	Sub-response message.

Example Requests

```
POST /koodrive/ose/v1/share/exit

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

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "subResponseList" : [ {
    "shareId" : "string",
    "code" : "string",
    "message" : "string"
  } ]
}
```

Status Codes

Status Code	Description
200	OK

4.15 Sharing Management - Access Links

4.15.1 Accessing a Sharing Link.

Function

Access a sharing link.

URI

GET /koodrive/ose/v1/share/visit

Table 4-331 Query Parameters

Parameter	Mandatory	Type	Description
shortUrl	Yes	String	Sharing short code.

Request Parameters

Table 4-332 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Response Parameters

Status code: 200

Table 4-333 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.

Example Requests

```
GET /koodrive/ose/v1/share/visit?shortUrl=String

Authorization:Bearer+10f88*************5a544791e9ff
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string"
}
```

Status Codes

Status Code	Description
200	OK

4.15.2 Obtaining Sharing Information

Function

Obtain sharing information.

URI

GET /koodrive/ose/v1/share/userInfo

Table 4-334 Query Parameters

Parameter	Mandatory	Type	Description
shortUrl	Yes	String	Sharing short code.

Request Parameters

Table 4-335 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Response Parameters

Status code: 200

Table 4-336 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
link	**CommonShareLink** object	Public information of the access link.

Table 4-337 CommonShareLink

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing short code.
shareTime	String	Time when the file is shared.
ownerId	String	Sharer ID.
ownerName	String	Sharer name.
permission	**SharePermission** object	Sharing permission (supported in the future).
expireTime	String	Expiration time.
status	Integer	Sharing status. **0**: determined based on the expiration time. **1**: The file has been deleted. **2**: expired.

Table 4-338 SharePermission

Parameter	Type	Description
preview	Boolean	Preview permission.
edit	Boolean	Editing permission.

Parameter	Type	Description
download	Boolean	Download permission.

Example Requests

GET /koodrive/ose/v1/share/userInfo?shortUrl=String

Authorization:Bearer+10f88*************5a544791e9ff

Example Responses

Status code: 200

OK

```
{
 "code" : "string",
 "msg" : "string",
 "link" : {
   "shareId" : "string",
   "shortUrl" : "string",
   "shareTime" : "2024-06-03T02:20:24.274Z",
   "ownerId" : "string",
   "ownerName" : "string",
   "permission" : {
     "preview" : true,
     "edit" : true,
     "download" : true
   },
   "expireTime" : "2024-06-03T02:20:24.274Z",
   "status" : 0
 }
}
```

Status Codes

Status Code	Description
200	OK

4.15.3 Verifying a Sharing Access Code

Function

Verify a sharing access code.

URI

POST /koodrive/ose/v1/share/verify

Request Parameters

Table 4-339 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-340 Request body parameters

Parameter	Mandatory	Type	Description
shortUrl	Yes	String	Sharing short link.
extractCode	Yes	String	Sharing code.

Response Parameters

Status code: 200

Table 4-341 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
kdstoken	String	Temporary token.

Example Requests

```
POST /koodrive/ose/v1/share/verify

{
  "shortUrl" : "string",
```

```
    "extractCode" : "string"
}
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "kdstoken" : "string"
}
```

Status Codes

Status Code	Description
200	OK

4.15.4 Listing Files Shared with You

Function

List shared files.

URI

POST /koodrive/ose/v1/share/files

Request Parameters

Table 4-342 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-343 Request body parameters

Parameter	Mandatory	Type	Description
shortUrl	Yes	String	Sharing short code.
parentFolder	No	String	Parent directory ID.
pageSize	No	Integer	Number of records to be returned on each page. Default and maximum value: 100. It is possible that partial or empty result pages are returned before the end of the result list has been reached.
pageCursor	No	String	Current page cursor, which is obtained from **nextCursor** of the previous response.
sortType	No	Integer	Sorting type. **1**: by file name; **2**: by file size; **4**: by modification time (default).
sortDirection	No	Integer	Sorting order. **1**: ascending; **2**: descending (default).
kdstoken	No	String	Temporary token for sharing.
refreshCount	No	Boolean	Whether this API call is counted as a file view.
fileName	No	String	File name.

Response Parameters

Status code: 200

Table 4-344 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.

Parameter	Type	Description
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.
link	**CommonShareLink** object	Public information of the access link.
files	Array of **ShareFile** objects	List of shared files.

Table 4-345 CommonShareLink

Parameter	Type	Description
shareId	String	Sharing ID.
shortUrl	String	Sharing short code.
shareTime	String	Time when the file is shared.
ownerId	String	Sharer ID.
ownerName	String	Sharer name.
permission	**SharePermission** object	Sharing permission (supported in the future).
expireTime	String	Expiration time.
status	Integer	Sharing status. **0**: determined based on the expiration time. **1**: The file has been deleted. **2**: expired.

Table 4-346 SharePermission

Parameter	Type	Description
preview	Boolean	Preview permission.
edit	Boolean	Editing permission.
download	Boolean	Download permission.

Table 4-347 ShareFile

Parameter	Type	Description
id	String	*File ID.

Parameter	Type	Description
fileName	String	*File name, which contains up to 160 bytes.
fileType	String	File type, which is input externally.
mimeType	String	*Content type.
parentFolder	Array of strings	List of parent directory IDs. Currently, only the first ID is used.
fileSuffix	String	File name extension, which is the last character string of **fullFileExtension**.
size	Integer	File size.
containers	Array of strings	Space ID.
createdTime	String	File creation time.
editedTime	String	File modification time.

Example Requests

```
POST /koodrive/ose/v1/share/files

{
  "shortUrl" : "string",
  "parentFolder" : "string",
  "pageSize" : 0,
  "pageCursor" : "string",
  "sortType" : 0,
  "sortDirection" : 0,
  "kdstoken" : "string",
  "refreshCount" : true,
  "fileName" : "string"
}
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "nextCursor" : "string",
  "link" : {
    "shareId" : "string",
    "shortUrl" : "string",
    "shareTime" : "2024-06-03T02:23:40.607Z",
    "ownerId" : "string",
    "ownerName" : "string",
    "permission" : {
      "preview" : true,
      "edit" : true,
      "download" : true
    },
    "expireTime" : "2024-06-03T02:23:40.607Z",
    "status" : 0
```

```
  },
  "files" : [ {
    "id" : "string",
    "fileName" : "string",
    "fileType" : "string",
    "mimeType" : "string",
    "parentFolder" : [ "string" ],
    "fileSuffix" : "string",
    "size" : 0,
    "containers" : [ "string" ],
    "createdTime" : "2024-06-03T02:23:40.607Z",
    "editedTime" : "2024-06-03T02:23:40.607Z"
  } ]
}
```

Status Codes

Status Code	Description
200	OK

4.15.5 Downloading a File

Function

Download a file.

URI

POST /koodrive/ose/v1/share/download

Request Parameters

Table 4-348 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-349 Request body parameters

Parameter	Mandatory	Type	Description
shareId	Yes	String	Sharing ID.
fileId	Yes	String	File ID.
kdstoken	Yes	String	Temporary token for sharing.

Response Parameters

Status code: 200

Table 4-350 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
downloadUrl	String	Download link.

Example Requests

```
POST /koodrive/ose/v1/share/download

{
  "shareId" : "string",
  "fileId" : "string",
  "kdstoken" : "string"
}
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "downloadUrl" : "string"
}
```

Status Codes

Status Code	Description
200	OK

4.15.6 Creating an Asynchronous Sharing Task

Function

Create an asynchronous sharing task.

URI

POST /koodrive/ose/v1/share/tasks

Request Parameters

Table 4-351 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-352 Request body parameters

Parameter	Mandatory	Type	Description
taskType	Yes	Integer	Batch operation task type. **1**: download; **2**: dump.
containerId	Yes	String	Space where the file is located.
fileIds	Yes	Array of strings	File ID list.
targetFileId	No	**FileIdInfo** object	File ID information.

Parameter	Mandatory	Type	Description
zipName	No	String	Compressed package name, which is the same as that of the package created for download in File Management.
shareId	Yes	String	Sharing ID.
kdstoken	No	String	Temporary token for sharing.

Table 4-353 FileIdInfo

Parameter	Mandatory	Type	Description
fileId	Yes	String	File ID.
containerId	Yes	String	Space ID.

Response Parameters

Status code: 200

Table 4-354 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
taskId	String	Task ID.

Example Requests

```
POST /koodrive/ose/v1/share/tasks

{
 "taskType" : 0,
 "containerId" : "string",
 "fileIds" : [ "string" ],
 "targetFileId" : {
   "fileId" : "string",
   "containerId" : "string"
 },
 "zipName" : "string",
 "shareId" : "string",
 "kdstoken" : "string"
}
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "taskId" : "string"
}
```

Status Codes

Status Code	Description
200	OK

4.15.7 Querying an Asynchronous Task

Function

Query details about an asynchronous task.

URI

POST /koodrive/ose/v1/share/taskDetail

Request Parameters

Table 4-355 Request header parameters

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Table 4-356 Request body parameters

Parameter	Mandatory	Type	Description
taskId	Yes	String	Task ID.
shareId	Yes	String	Sharing ID.
kdstoken	No	String	token

Response Parameters

Status code: 200

Table 4-357 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
taskInfo	**TaskInfo** object	Asynchronous task information.

Table 4-358 TaskInfo

Parameter	Type	Description
userId	String	User ID.
taskId	String	Task ID.
taskType	Integer	Task type.
taskStatus	Integer	Task status. **0**: to be processed; **1**: being processed; **2**: completed; **3**: canceled.
taskResultCode	Integer	Task result. **1**: all succeeded; **2**: partially failed; **3**: all failed.
resultCode	Integer	Task content processing result.
createTime	String	Task creation time. The value is a 14-digit timestamp in yyyyMMddHHmmss format.
startTime	String	Task start time. The value is a 14-digit timestamp in yyyyMMddHHmmss format.
endTime	String	Task end time. The value is a 14-digit timestamp in yyyyMMddHHmmss format.
progress	Integer	Task progress, in percentage. For example, if the progress is 70%, the returned value is **70**.

Parameter	Type	Description
downloadUrl	String	Download link of the compressed package.

Example Requests

```
POST /koodrive/ose/v1/share/taskDetail

{
  "taskId" : "string",
  "shareId" : "string",
  "kdstoken" : "string"
}
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "taskInfo" : {
    "userId" : "string",
    "taskId" : "string",
    "taskType" : 0,
    "taskStatus" : 0,
    "taskResultCode" : 0,
    "resultCode" : 0,
    "createTime" : "string",
    "startTime" : "string",
    "endTime" : "string",
    "progress" : 0,
    "downloadUrl" : "string"
  }
}
```

Status Codes

Status Code	Description
200	OK

4.16 Collaboration Portal

4.16.1 Listing Related Files

Function

List files related to you.

URI

GET /koodrive/ose/v1/related

Table 4-359 Query Parameters

Parameter	Mandatory	Type	Description
pageSize	No	Integer	Number of records to be returned on each page. Default and maximum value: 100. It is possible that partial or empty result pages are returned before the end of the result list has been reached. Maximum: **100**
pageCursor	No	String	Current page cursor, which is obtained from **nextCursor** of the previous response.
sortType	No	Integer	Sorting type. **1**: by operation time (default).
sortDirection	No	Integer	Sorting order. **1**: ascending; **2**: descending (default).
displayName	No	String	Fuzzy match by display name is supported.
relatedType	No	String	Related file type. **0**: all; **1**: shared with you. If this parameter is null or set to **0**, all types are queried.

Request Parameters

Table 4-360 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-361 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
nextCursor	String	Pagination cursor. If the cursor does not exist, the last record has been returned.
relatedToMeInfos	Array of **RelatedToMeRecord** objects	Sharing link list.
total	Long	Total number of records.

Table 4-362 RelatedToMeRecord

Parameter	Type	Description
operator	String	Operator name.

Parameter	Type	Description
operateType	Integer	Operation type. **1**: sharing.
operateTime	String	Operation time.
id	String	Record ID. If the operation type is sharing, the value is the sharing ID.
displayName	String	Display name.
files	Array of **FileInfo** objects	
expireTime	String	Expiration time.
status	Integer	**0**: determined based on the expiration time. **1**: The file has been deleted. **2**: The space has expired (the space has been disabled or deleted or you do not have the space permission).
operatorId	String	Operator ID.
containerId	String	Space ID.
tenantId	String	Tenant ID.

Table 4-363 FileInfo

Parameter	Type	Description
id	String	File ID.
size	String	File size.
fileType	String	File type.
downloadLinks	Array of **DownloadLink** objects	Required by the image type (when **fileType** is set to **15**).
recycled	Boolean	Whether the file is in the recycle bin.

Table 4-364 DownloadLink

Parameter	Type	Description
usage	String	Default usage: **content** or **thumbnail**. This parameter is customizable.
downloadLink	String	Attachment download link.

Example Requests

Lists files related to you.

```
GET /koodrive/ose/v1/related?
sortType=1&sortDirection=2&pageSize=2&pageCursor=&displayName=&relatedType=1

{
  "total" : 1,
  "relatedToMeInfos" : [ {
    "id" : "14276771119873431808",
    "operator" : "zujian1",
    "operatorId" : "1395664261493231745",
    "operateType" : 1,
    "operateTime" : "2024-05-23T11:39:35.000Z",
    "displayName" : "Content Not Reviewed.docx",
    "files" : [ {
      "id" : "Fv54zG8ha44HX2XRlrQlM76zD4KAN2uOB",
      "size" : 50383,
      "fileType" : "26",
      "recycled" : false,
      "downloadLinks" : [ {
        "usage" : "content",
        "downloadLink" : "https://b10-obs-ykj-uat-01.obs.cidc-rp-2006.joint.cmecloud.cn/
6957916206ce4407ac9436567b14d719086?response-content-disposition=attachment%3B%20filename%2A
%3DUTF-8%27%27%25E5%2586%2585%25E5%25AE%25B9%25E6%259C%25AA%25E5%25AE
%25A1%25E6%25A0%25B8.docx&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-
Date=20240523T113937Z&X-Amz-SignedHeaders=host&X-Amz-Expires=3600&X-Amz-
Credential=MKRISPBZAJWFHNBJ5WLB%2F20240523%2Fcidc-rp-2006%2Fs3%2Faws4_request&X-Amz-
Signature=e130a202a80157e63583bd7597452eb1d30a70c610db86be68717541114e2bd0"
      }, {
        "usage" : "thumbnail",
        "downloadLink" : "https://b10-obs-ykj-uat-01.obs.cidc-rp-2006.joint.cmecloud.cn/
6957916206ce4407ac9436567b14d719086?x-image-process=image%2Fresize%2Cm_lfit
%2Ch_128%2Cw_128&response-content-disposition=attachment%3B%20filename%2A
%3DUTF-8%27%27%25E5%2586%2585%25E5%25AE%25B9%25E6%259C%25AA%25E5%25AE
%25A1%25E6%25A0%25B8.docx&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-
Date=20240523T113937Z&X-Amz-SignedHeaders=host&X-Amz-Expires=3600&X-Amz-
Credential=MKRISPBZAJWFHNBJ5WLB%2F20240523%2Fcidc-rp-2006%2Fs3%2Faws4_request&X-Amz-
Signature=e78515818612dbb024bf14300bd63bbb340e7f7476b988143089ce6d92d6d9f9"
      } ]
    } ],
    "expireTime" : "2024-05-30T11:39:35.000Z",
    "status" : 0,
    "containerId" : "IAAFfyRNd07vFgAAA1395504262720721025",
    "tenantId" : "d5ac574bd2934a69baa4f23c55daa8d4"
  } ],
  "code" : 0,
  "msg" : "OK"
}
```

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "nextCursor" : "string",
  "relatedToMeInfos" : [ {
    "operator" : "string",
    "operateType" : 0,
    "operateTime" : "2024-06-03T02:25:41.085Z",
    "id" : "string",
    "displayName" : "string",
    "files" : [ {
```

```
      "id" : "string",
      "size" : "string",
      "fileType" : "string",
      "downloadLinks" : [ {
        "usage" : "string",
        "downloadLink" : "string"
      } ],
      "recycled" : true
    } ],
    "expireTime" : "2024-06-03T02:25:41.085Z",
    "status" : 0,
    "operatorId" : "string",
    "containerId" : "string",
    "tenantId" : "string"
  } ],
  "total" : 0
}
```

Status Codes

Status Code	Description
200	OK

4.16.2 Listing Recently Visited Files

Function

List files that you recently visited.

URI

GET /koodrive/ose/v1/access

Request Parameters

Table 4-365 Request header parameters

Parameter	Mandatory	Type	Description
X-Traceid	No	String	Service trace ID, which contains 58 bits.

Parameter	Mandatory	Type	Description
Authorization	Yes	String	Access token. Token authentication is used to call KooDrive APIs. A token indicates the permission. When an API is called, the token is added to the request header to obtain the operation permission. For details about how to obtain an access token, see the corresponding developer guide. The format is **Bearer**+*{access_token}*.
language	No	String	Language code, which complies with the internationalization specifications. For example, **en-US** indicates English (United States). English (United States) is used by default.

Response Parameters

Status code: 200

Table 4-366 Response body parameters

Parameter	Type	Description
code	String	Response code.
msg	String	Response information.
list	Array of **RecentlyAccess** objects	List of recently visited files.

Table 4-367 RecentlyAccess

Parameter	Type	Description
operateTime	String	Operation time.
operType	Integer	Operation type. **1**: viewing; **2**: editing.
file	**AccessiFileInfo** object	Basic file information.

Parameter	Type	Description
status	Integer	Status. **1**: The file has been deleted. **2**: The space has expired (the space has been disabled or deleted or you do not have the space permission).

Table 4-368 AccessiFileInfo

Parameter	Type	Description
id	String	File ID.
containerId	String	Space ID.
name	String	File name.
collaboratorId	String	Co-author ID.
collaborator	String	Co-author name.
collaborateTime	String	Collaboration time.
collaborateType	String	Collaboration type. **2**: editing; **3**: sharing; **4**: saving to the individual space.
fileType	String	File type. /** * Folder / *FOLDER = "10"*, /* * Image / *PICTURE = "15"*, /* * Video / *VIDEO = "20"*, /* * Word file / *WORD = "26"*, /* * Excel file / *EXCEL = "27"*, /* * PowerPoint file / *PPT = "28"*, /* * Audio / *AUDIO = "30"*, /* * Compressed file / *ARCHIVE = "35"*, /* * Application / *APPLICATION = "40"*, /* * Other */ OTHER = "45",
owner	String	File owner.
containerName	String	For an individual space, this parameter is null. For a department space, the value is the department name.
containerType	Integer	**0**: department space; **1**: individual space; **2**: group space.
favorite	Boolean	**true**: The file is added to favorites. **false**: The file is not added to favorites.
teamId	String	For an individual space, this parameter is null. For a department space, the value is the department ID. For a group space, the value is the group ID.

Example Requests

GET /koodrive/ose/v1/access

Example Responses

Status code: 200

OK

```
{
  "code" : "string",
  "msg" : "string",
  "list" : [ {
    "operateTime" : "2024-06-03T02:26:45.897Z",
    "operType" : 0,
    "file" : {
      "id" : "string",
      "containerId" : "string",
      "name" : "string",
      "collaboratorId" : "string",
      "collaborator" : "string",
      "collaborateTime" : "2024-06-03T02:26:45.897Z",
      "collaborateType" : "string",
      "fileType" : "string",
      "owner" : "string",
      "containerName" : "string",
      "containerType" : 0,
      "favorite" : true,
      "teamId" : "string"
    },
    "status" : 0
  } ]
}
```

Status Codes

Status Code	Description
200	OK

5 Appendixes

5.1 Status Codes

Table 5-1 describes common status codes.

Table 5-1 Status codes

Status Code	Message	Description
200	OK	The request has succeeded.
400	Bad Request	Authentication failed.
401	Unauthorized	Unauthorized.
500	Internal Server Error	The server encountered an unexpected condition that prevented it from fulfilling the request.

5.2 Error Codes

Table 5-2 Error Codes

Category	Error Codes	Error Message	Description	Measure
Success	0	SUCCESS	Successful.	N/A
Client error	1300 0101	Bad Request	Request error.	Check and correct input parameters.
	1300 0102	PARAMETER_INVALID	Parameter verification failed.	Check and correct output parameters.

Category	Error Codes	Error Message	Description	Measure
Server error - general	1300 0201	INNER_INVOKE_FAILU RE	Internal calling error.	Rectify the fault based on the error description.
Server error - service	1300 0301	CONTAINER_NOT_EXI ST_OR_STATE_ERROR	Space not found or its status is abnormal.	Pass the ID of an existing space.
	1300 0302	FILE_NOT_IN_SPECIFI ED_CONTAINER	File is not in the specified space.	Pass the ID of a file under the space specified by the space ID.
	1300 0401	NOT_EXIST_UPLOAD_ TASK	Upload task not found.	Create the upload task again.
	1300 0402	FILE_COMPLETE_CHE CK_FAILURE	File integrity verification failed.	Upload a complete file.
	1300 0403	CHANGE_FILE_STATE_ FAILURE	Change file status failed.	Call the API again.

6 Change History

Released On	Description
2024-07-30	This issue is the first official release.