

Object Storage Service

Console User Guide

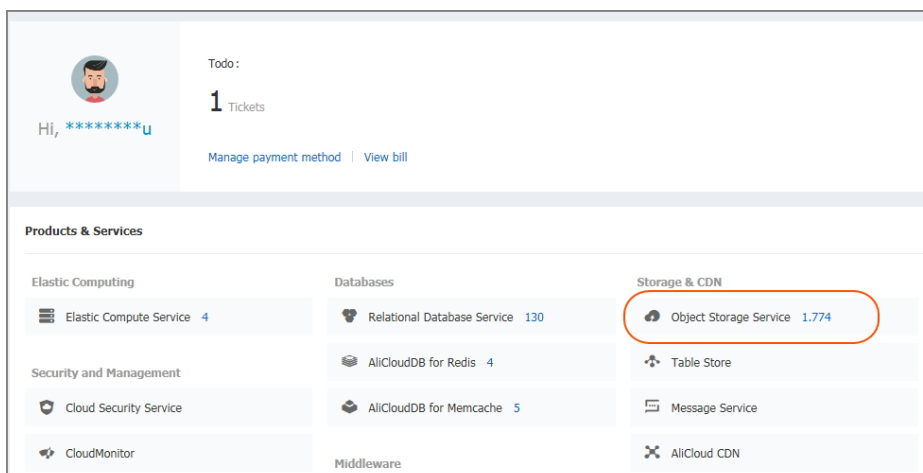
Console User Guide

Log on to OSS console

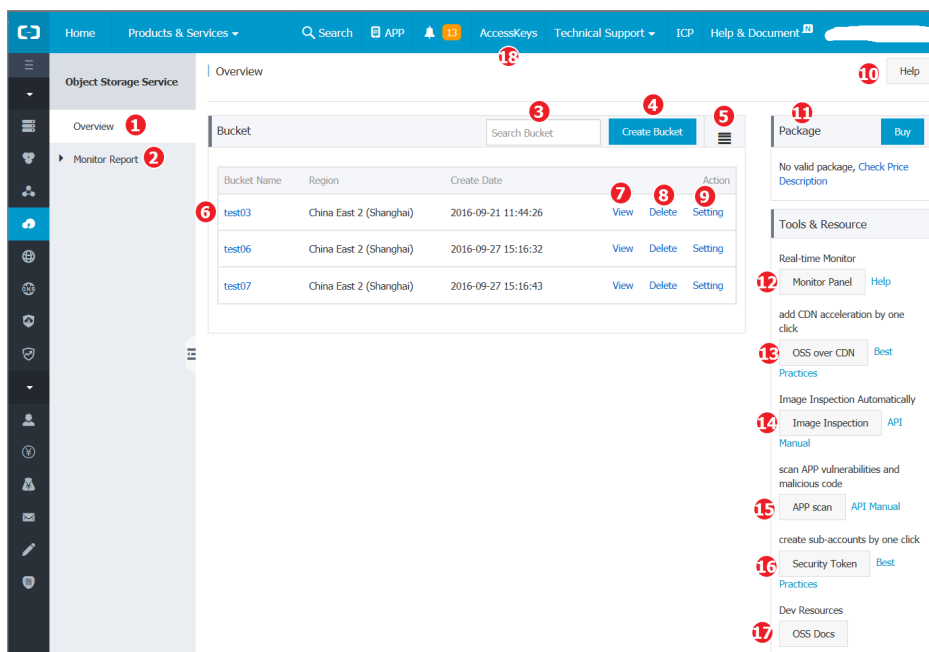
The Alibaba Cloud OSS console provides an intuitive operation interface for you to perform most OSS tasks. Before you log on to the OSS console, ensure that you have registered an Alibaba Cloud account. If you do not have an Alibaba Cloud account, the system will prompt you to register an account when you activate OSS.

Operation procedure

1. Log on to the Alibaba Cloud official website.
2. On the OSS product detail page, click **Purchase now**.
3. After OSS is activated, click **Console** to access the OSS Console. You can also click **Console** in the upper-right menu bar on the homepage to open Alibaba Cloud Console, and click the button shown in the figure below to access the OSS Console.



If you have created a bucket, the bucket overview page is displayed by default after you log on to the OSS Console. Refer to the following figure:



Using the OSS Console, you can perform the following operations:

SN	Content	Description
1	Overview	Display the bucket list and manage buckets.
2	Monitor Report	Display the statistics on the basic OSS resources.
3	Search Bucket	Enter key words and the corresponding buckets will be displayed.
4	Create Bucket	Create a bucket.
5	Display mode switch	Switch between list display and card display.
6	Bucket Name	Manage the corresponding bucket and set its attributes.
7	View	Open the bucket overview page.
8	Delete	Delete the corresponding bucket.
9	Setting	Set the attributes of the corresponding bucket.
10	Help	View help information.
11	Package	List of OSS packages purchased. You can click Buy to purchase more packages.
12	Monitor Panel	View OSS monitoring information. You can click Help on the right to view

		help information.
13	OSS over CDN	Perform CDN acceleration for specified bucket. You can click Best Practices on the right to view best practices information.
14	Image Inspection	Inspect images. You can click API Manual to view detailed information.
15	App scan	Scan application vulnerabilities and malicious code.
16	Security Token	Generate the configuration to access OSS. You can click Best Practices on the right to view the best practices information.
17	OSS Docs	View OSS documentation.
18	AccessKeys	Open the key management page.

Manage buckets

Bucket overview

All files of Alibaba Cloud OSS are stored in buckets. A bucket is a unit for managing the stored files. All objects must belong to a bucket. You can set the attributes of a bucket for region and file access control and file lifecycle management. These attributes apply to all files in the bucket. Therefore, you can create different buckets to implement different management functions flexibly.

The storage space in a bucket is non-hierarchical, i.e., it lacks the features of file systems, such as directories. Therefore, all files are directly affiliated with their corresponding buckets. However, you can group, classify, and manage relevant files by folders.

The bucket overview page includes the following content.

The screenshot displays the console interface for an Object Storage Service (OSS) bucket named 'test03'. The interface is organized into several sections:

- Left Sidebar:** Contains navigation links numbered 1 through 6:
 - Bucket Overview
 - Bucket Properties
 - Object Management
 - Fragment Management
 - Task Management (0 / 0)
 - Image Service
- Header:** Shows the bucket name 'test03', region 'China East 2 (Shanghai)', capacity '103.691KB', and creation date '2016-09-21 11:44:26'.
- Bucket Overview (7):** A section with a 'Real-time Monitor' button. It contains three charts:
 - Storage Space:** A line chart showing storage footprint (MB) over time.
 - Traffic Used:** A line chart showing various traffic types including CDN inflow/outflow, Internet inflow/outflow, Intranet inflow/outflow, and Cross-Region Replication inflow/outflow.
 - Number of Requests Per Hour:** A line chart showing I-type and II-type requests.
- OSS domain name (8):** A section for domain management. It includes a 'Domain name management' button and a list of domain names:
 - OSS Internet domain name: test03.oss-cn-shanghai.aliyuncs.com
 - OSS intranet domain name: test03.oss-cn-shanghai-internal.aliyuncs.com
- Basic configuration (9):** A section for bucket settings. It includes a 'More configurations' button and a list of settings:
 - Bucket Permissions: private (with a 'Settings' link)
 - Log Service: Not enabled (with a 'Settings' link)

SN	Content	Description
1	Bucket Overview	View the basic information of the bucket, including the resource usage, domain name, and configuration information.
2	Bucket Properties	View and modify the properties of the bucket.
3	Object Management	View and manage the files and folders in a bucket.
4	Fragment Management	View and delete file fragments caused by multipart upload.
5	Task Management	View the file upload status.
6	Image Service	Enable/disable image service and manage image styles.
7	Real-time Monitor	View the statistics of OSS requests.
8	OSS domain name	View the domain names and bind the custom domain name.
9	Basic configuration	View the bucket configurations, and click the corresponding links to view

		and modify the configurations.
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Create a bucket

Before uploading any file to the OSS, you need to create a bucket to store files. A bucket needs to be configured with various attributes, including its geographic region, access permission, and other metadata.

Operation procedure

1. Go to the OSS Console.
2. Click **Overview** > **Create Bucket** to open the **Create Bucket** dialog box.
3. In the **Bucket Name** text box, enter the bucket name. The bucket name must comply with the naming rules and must be unique among all existing bucket names in Alibaba Cloud OSS. The bucket name cannot be changed after being created. For more information about bucket naming, refer to **Basic OSS concepts**.

Create Bucket

Bucket Name :

Rules for Bucket Naming :

- » 1. only contain lowercase letter, number and hyphen
- » 2. Must begin and end with lowercase letter(s) and number(s)
- » 3. Bucket name length should be in [3-63]

Region: East China 2

Product intranet in the same region is interconnected. The region cannot be changed after the purchase. Please select the region with caution.

ACL : Private

- » Private: all accesses to the object require authentication.
- » Public Read: authentication is required for writing objects (); anonymous read to objects is allowed.
- » Public Read/Write: everyone is allowed to read/write the object.

Submit Cancel

4. In the **Region** drop-down box, select the data center of the bucket. The region cannot be changed after being subscribed. To access the OSS through the ECS intranet, you can select the same region with your ECS. For more information about regions, refer to **Basic OSS**

concepts.

5. In the **ACL** drop-down box, select an access permission option for the bucket. After creating a bucket, you can set bucket attributes to modify the access permission of the bucket. For more information about access permission, refer to **Basic OSS concepts**.
 - **Private**: Only the owner of the bucket can perform read/write operations on the files in the bucket. Other people cannot access the files.
 - **Public Read**: Only the owner of the bucket can perform write operations on the files in the bucket, while anyone (including anonymous users) can perform read operations on the files.
 - **Public Read/Write**: Anyone (including anonymous users) can perform read and write operations on the files in the bucket. The fees incurred by these operations will be borne by the owner of the bucket. Select this option with caution.
6. Click **Submit** to create the bucket.

Delete a bucket

If you no longer need a bucket, delete it to avoid further fees. Before deleting a bucket, ensure that all files in it are cleared, including file fragments caused by incomplete multipart upload. Otherwise, the bucket cannot be deleted. If you want to delete all files in a bucket, Alibaba Cloud recommends that you use lifecycle management.

Operation procedure

1. Go to the OSS Console.
2. Click the **Delete** icon of the target bucket.
3. Click **Confirm** to delete the bucket.

Set ACL

The OSS provides an Access Control List (ACL) for permission control. You can configure an ACL when creating a bucket and modify the ACL after creating the bucket. If no ACL is configured, the default value is **Private**.

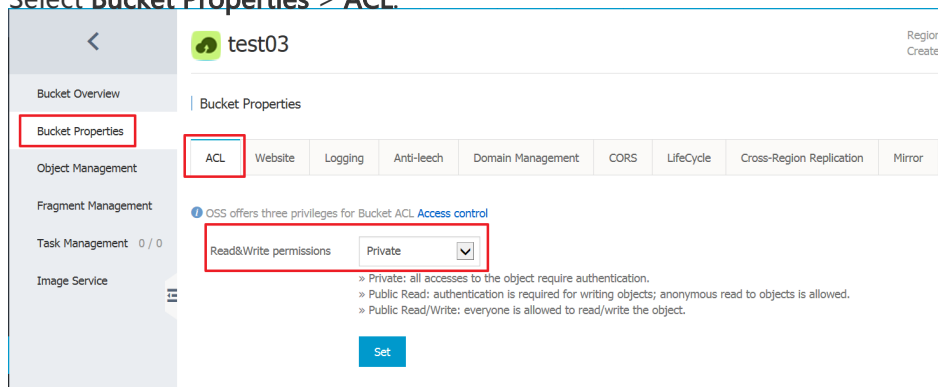
The OSS ACL provides bucket-level access control. Currently, three access permissions are available for a bucket:

- **Private**: Only the owner of the bucket can perform read/write operations on the files in the bucket. Other people cannot access the files.
- **Public Read**: Only the owner of the bucket can perform write operations on the files in the

- bucket, while anyone (including anonymous users) can perform read operations on the files.
- **Public Read/Write:** Anyone (including anonymous users) can perform read and write operations on the files in the bucket. The fees incurred by these operations will be borne by the owner of the bucket. Use this permission with caution.

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.
3. Select **Bucket Properties > ACL**.



4. In the **Read&Write permissions** drop-down list, select an access permission option for the bucket.
5. Click **Set** to save the setting.

Host a static website

You can set your bucket to host a static website and access this static website through the bucket domain name.

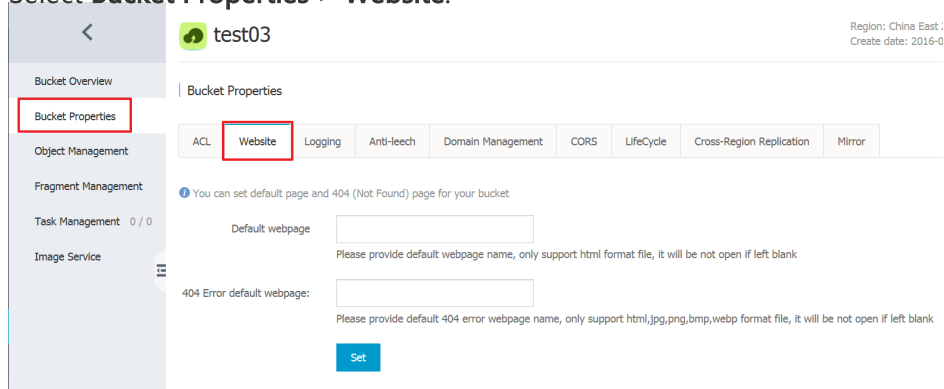
- If the default webpage is blank, static website hosting is disabled.
- If static website hosting is enabled, Alibaba Cloud recommends that you use CNAME to bind your domain name.
- Directly accessing the static website root domain or any URL ending with `"/` under this domain will return the default homepage.

For more detailed information, refer to **Static Website Hosting** in the product documentation.

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.

3. Select **Bucket Properties** > **Website**.



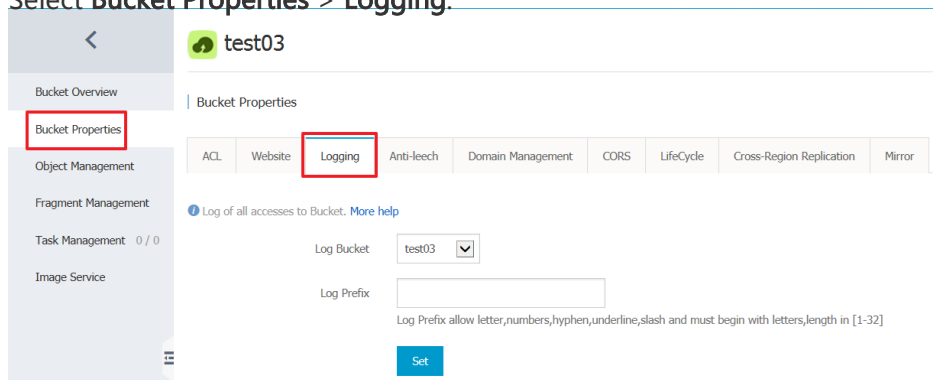
4. Set **Default webpage**, which is the index page (equivalent to the website' s index.html). Only HTML files that have been stored in the bucket can be used.
5. Set **404 Error default webpage**, which is the default 404 page returned when an incorrect path is accessed. Only HTML and image files that have been stored in the bucket can be used. If this field is left empty, the default 404 page is disabled.
6. Click **Set** to save the static website setting.

Set logging

You can enable or disable logging for a bucket through the console. You can store logs in the same logging-enabled bucket or a new bucket. For more information about the bucket logging format, refer to [Set access logging](#).

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.
3. Select **Bucket Properties** > **Logging**.



4. In the **Log Bucket** drop-down list, select the name of a bucket to store the logs. Only buckets of the same user and region can be selected. To disable logging, select **No Bucket**.
5. In the **Log Prefix** text box, type the prefix of the log name, that is, **<TargetPrefix>** in the

- logging naming conventions below.
6. Click **Set** to save the logging setting.

Logging naming conventions

The following is the naming conventions for the access log record: *<TargetPrefix> <SourceBucket> YYYY-MM-DD-HH-MM-SS- <UniqueString>*

- *<TargetPrefix>*: indicates the log prefix specified by the user.
- *<SourceBucket>*: indicates the name of the source bucket.
- *YYYY-MM-DD-HH-MM-SS*: indicates the time when the log is created. YYYY indicates the year, MM indicates the month, DD indicates the day, HH indicates the hour, MM indicates the minute, and SS indicates the second.
- *<UniqueString>*: indicates the string generated by the OSS.

An example object name used to store OSS access logs is as follows:

MyLog-OSS-example2015-09-10-04-00-00-0000

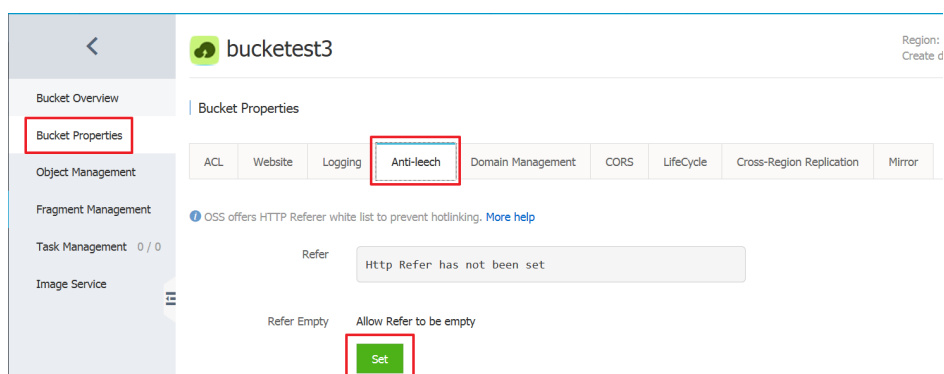
In the above example, **MyLog** is the log prefix specified by the user, **oss-example** is the name of the source bucket, **2015-09-10-04-00-00** is the log creation time, and **0000** is the string generated by the OSS.

Set anti-leech

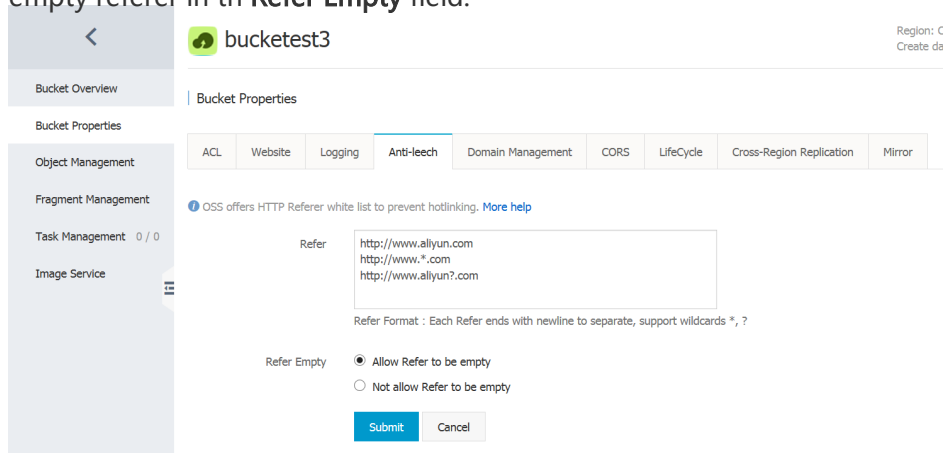
The OSS is a Pay-As-You-Go service. To reduce extra fees caused in case your data on the OSS is stolen by others, the OSS supports anti-leech based on the referer field in the HTTP header. You can configure a referer white list for a bucket and configure whether to allow the access requests that have an empty referer field.

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.
3. Select **Bucket Properties** > **Anti-leech**.



4. Click **Set**, and then add a website white list in the **Refer** field and select whether to allow an empty referer in the **Refer Empty** field.



5. Click **Submit** to save the anti-leech setting.

Example

For a bucket named test-1-001, set its referer white list to `http://www.aliyun.com`. Then, only requests with a referer of `http://www.aliyun.com` can access the objects in the bucket.

Manage a domain name

After uploading an object to a bucket, you can obtain an object address including two parts: an OSS domain name address (`<BucketName>.<Endpoint>`) and an object file name. To avoid possible cross-origin or security problems in your business, you are advised to access the OSS using a user-defined domain name. After the domain name is successfully bound, you also need to add a CNAME record pointing to the Internet domain name of the bucket to ensure proper domain name-based access to the OSS.

- You must apply for an ICP license for your bound domain name. Otherwise, the domain name will not be accessible.
- Each bucket can be bound with a maximum of 20 domain names.

After a user-defined domain name is successfully bound, access addresses of the files stored in your OSS will use the user-defined domain name. For example, if your bucket test-1-001 is located at the Hangzhou node, the object file name is test001.jpg, and the bound user-defined domain name is hello-world.com, then the access address of this object is as follows:

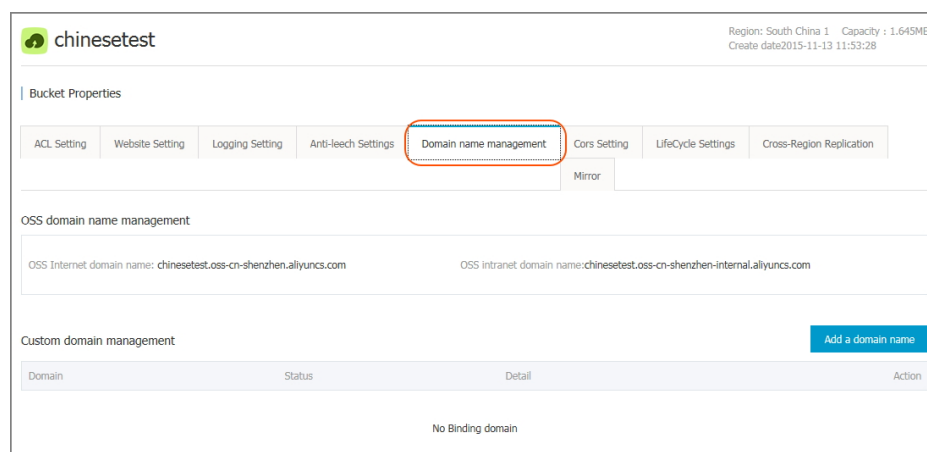
- Before binding: test-1-001.oss-cn-hangzhou.aliyuncs.com/test001.jpg
- After successful binding: hello-world.com/test001.jpg

Bind a domain name

Go to the OSS Console.

Select a bucket to open the bucket management page.

3. Select **Bucket Properties** > **Domain name management**.



Click **Add a domain name**. The **Add a domain name** page is displayed.

Enter the domain name you want to bind in the dialog box.

chinesetest Region: South China 1 Capacity: 1.645MB Create date: 2015-11-13 11:53:28

Bucket Properties

ACL Setting Website Setting Logging Setting Anti-leech Settings Domain name management Cors Setting LifeCycle Settings Cross-Region Replication

Mirror

Add a domain name

Fill in the domain name for binding CNAME resolution

The bound domain name must be filled on record [Details of website record-filing](#)

* Setting your Binding Domain :

The length should be 1 to 128 characters

Prev Next

Click **Next**. The **Add Canonical Name** page is displayed.

chinesetest Region: South China 1 Capacity: 1.645MB Create date: 2015-11-13 11:53:28

Bucket Properties

ACL Setting Website Setting Logging Setting Anti-leech Settings Domain name management Cors Setting LifeCycle Settings Cross-Region Replication

Mirror

This domain name has had cloud resolution in another account. [Way to restore](#)

Add Canonical Name

You need to direct the bound domain name CNAME to the Internet domain name of your bucket to make the configuration effective. You can choose to automatically add this Canonical Name, or manually add this Canonical Name

Internet domain name of your bucket: [chinesetest.oss-cn-shenzhen.aliyuncs.com](#)

Add Aliyun cloud resolution: ☐ Add automatically ☒ Add manually

Prompt: If you want manual CNAME resolution in the DNS service provider, please refer to the [CNAME resolution help](#).

Finish

NOTE: If the domain name you want to bind has been maliciously bound by another user, you can verify the ownership of the domain name by adding a TXT record. In this way, the domain name can be forcibly bound to the correct bucket and its binding to the previous bucket is released.

Select the automatic or manual adding method.

- Add automatically: The system will automatically add the corresponding CNAME record in the Alibaba Cloud DNS. Make sure you change the domain name's DNS to Alibaba Cloud DNS if this domain name has not been resolved in Alibaba Cloud DNS already..
- Add manually: Select this option if the domain name has already been resolved in the Alibaba Cloud DNS of another account.

8. Click **Finish** to complete domain name binding.

Verify domain name ownership

1. Wait for the system to generate a TXT record based on your information.
2. Log on to your DNS provider and add the corresponding TXT record.
3. Click **Verify** on the console. If the system detects that the TXT record value for this domain name is as expected, the domain name ownership passes verification.

Set CORS

The OSS provides Cross-Origin Resource Sharing (CORS) in the HTML5 protocol to help users achieve cross-origin access. When the OSS receives a cross-origin request (or OPTIONS request), it reads the bucket's CORS rules and then check the relevant permissions. The OSS checks each rule sequentially, uses the first rule that matches to approve the request, and returns the corresponding header. If none of the rules match, the OSS does not attach any CORS header.

Operation procedure

Go to the OSS Console.

Select a bucket to open the bucket overview page.

Select **Bucket Properties** > **CORS**.

Click **Add Rules**. The **Cors rule setting** dialog box is displayed.

Configure the CORS rule in the dialog box. A maximum of 10 rules can be configured for each bucket.

Cors rule setting
✕

*** Source :**

Multiple sources can be set, with each line containing a source and a "*" at the most

*** Method :** ☐ GET ☐ POST ☐ PUT ☐ DELETE ☐ HEAD

Allowed Header :

Multiple Allowed Headers can be set, with each line containing an Allowed header and a "*" at the most

Expose Header :

Multiple Expose Headers can be set, with each line containing an Expose Header and no "*"

Cache Time : Second

- **Source:** Indicates the origins allowed for cross-origin requests. Multiple matching rules are allowed, which are separated by a carriage return. Each matching rule allows up to one "*" wildcard.
- **Method:** Indicates the allowed cross-origin request methods.
- **Allowed Header:** Indicates the allowed cross-origin request headers. Multiple matching rules are allowed, which are separated by a carriage return. Each matching rule allows up to one "*" wildcard.
- **Expose Header:** Indicates the response headers users are allowed to access from an application (e.g., a Javascript XMLHttpRequest object).
- **Cache Time:** Indicates the cache time for the returned results of browser prefetch (OPTIONS) requests to a specific resource.

Click **OK** to save this rule. You can also edit or delete the configured rules.

Bucket Properties

ACL	Website	Logging	Anti-leech	Domain Management	CORS	LifeCycle	Cross-Region Replication	Mirror
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CORS

#	Origin	Method	Allow Header	Expose Header	Cache Time	Action
1	https://*.aliyun.com https://docs.aliyun.com	GET , HEAD	authorization	x-oss-meta	100	Edit Delete

Set lifecycle

You can define and manage the lifecycle of all the objects or the objects with the same prefix in a bucket. Lifecycle management is used for batch file deletion and automatic fragment deletion.

The system will ensure that data is cleared for objects that match a lifecycle rule, within two days from the effective date. Configure rules with caution because data deleted based on a lifecycle rule can not be recovered..

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.
3. Select **Bucket Properties > Lifecycle**.
4. Click **Add rule**. The **Lifecycle rule settings** dialog box is displayed.
5. Set the lifecycle in the dialog box.

Lifecycle rule settings

The rule configuration will become effective within one day. Data deleted in bulk cannot be recovered. Please configure rules with caution.

Status: ☒ On ☐ Off

Policy: ☐ Apply to entire bucket ☒ Configure by prefix

Prefix:

Delete Object : ☐ Not enabled ☐ Expiration Date ☒ Expiration Days

Delete Object exists after the specified days : days

Delete Fragment : ☐ Not enabled ☐ Expiration Date ☒ Expiration Days

Delete Fragment exists after the specified days : days

Ok Cancel

- **Status:** Specifies whether to enable or disable the rule.

- **Policy**

- **Apply to entire bucket:** If you select this option, then the rule applies to all

objects in the bucket.

- **Configure by prefix:** If you select this option, you need to specify **Prefix**. Then the rule only applies to the objects with the specified prefix, such as **img/**.

- **Delete Object**

- **Not enabled:** If this option is selected, objects will not be automatically deleted.
- **Expiration Date:** The objects whose last modification time is earlier than the specified date will be deleted. For example, if **Expiration Date** is set to **2012-12-21**, the objects whose last modification time is earlier than 2012-12-21 will be scanned and deleted by the backend program.
- **Expiration Days:** The number of days for retaining an object. If the number of days from the last modification time of the object exceeds the specified number of days, the object will be deleted. For example, if **Expiration Days** is set to **30**, the objects whose last modification date is 2016-1-1 will be scanned and deleted by the backend program on 2016-1-31.

- **Delete Fragment**

- **Not enabled:** If this option is selected, fragments will not be automatically deleted.
- **Expiration Date:** The multipart upload tasks whose last modification time is earlier than the specified date will be deleted. For example, if the **Expiration Date** is set to **2012-12-21**, the multipart upload tasks whose last modification time is earlier than 2012-12-21 will be scanned and deleted by the backend program.
- **Expiration Days:** The number of days for storing a multipart upload task. If the number of days from the initialization date of a multipart upload task exceeds the specified number of days, the task will be deleted. For example, if **Expiration Days** is set to **30**, the multipart upload tasks whose initialization date is 2016-1-1 will be scanned and deleted by the backend program on 2016-1-31.

6. Click **OK** to save this rule. After the rule is successfully saved, you can view the configured lifecycle rule in the policy list and perform corresponding **Edit** or **Delete** operations.

Set cross-region replication

Cross-region replication supports synchronization of buckets with different names. If you have two buckets belonging to different regions, you can enable cross-region replication on the console to synchronize data from the origin bucket to the target bucket in a real-time manner. Currently, only the regions in China supports cross-region replication.

Operation procedure

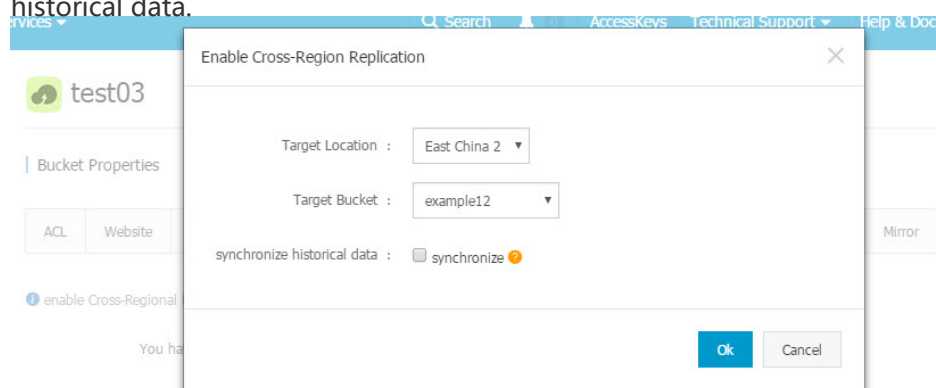
Go to the OSS Console.

Click the name of the source bucket to enter the bucket overview page.

Click **Bucket Properties** > **Cross-Region Replication**.

Click **Enable Cross-Region Replication**. A dialog box is displayed.

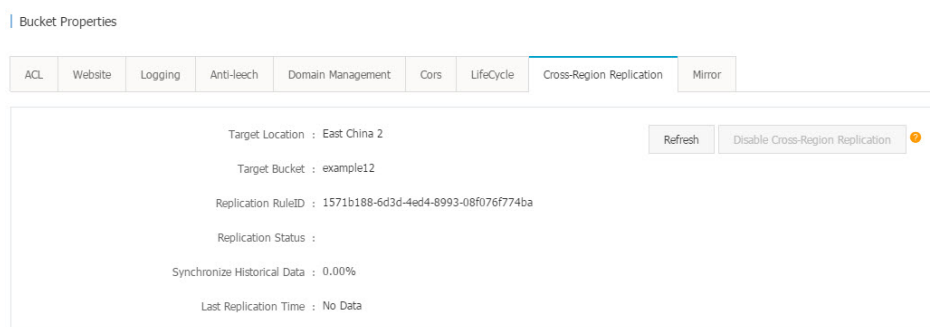
Select the region and name of the target bucket, and choose whether to synchronize historical data.



Cross-region replication rules:

- Two buckets involved in data synchronization must belong to different regions. Data synchronization cannot be performed between buckets in the same region.
- Two buckets enabled with cross-region replication cannot have a synchronization relationship with any other buckets.
- During synchronization of historical data, objects replicated from the origin bucket may overwrite the objects with the same names in the target bucket. Therefore, ensure data consistency before replication.

Click **OK** to save the setting. After the configuration is complete, it takes 3 to 5 minutes for cross-region replication to be enabled. Synchronization-related information will be displayed after bucket synchronization.



Data replication is an asynchronous process and depends on data size.

Set mirroring rules

You can set mirroring rules to define whether to get source data by mirroring or redirection. Mirroring rules are usually used for hot migration of data and redirection of specific requests. You can configure up to five mirroring rules, which will be executed by the system in sequence.

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.
3. Select **Bucket Properties** > **Mirror**.
4. Click **Add Rules**. The **Mirror Rule Setting** dialog box is displayed.
5. Select **Mirror** or **Redirect Type** from the dialog box to configure a rule.

Mirroring setting page:

Mirror Rule Setting
✕

Redirect Type :

Mirror

Redirect Type

Description : The configuration mirroring back to the source address, when the corresponding file is not found locally, it will automatically save to the source station to fetch OSS, and return content to the user

Redirect Condition :

☒ httpcode: 404

☐ prefix:

Redirect URL :

Hostname(require) /

Add prefix(option) /

objectname

E.g : Original URL : bucketname.oss-endpoint.com/img.jpg

Redirect URL : hostname/img.jpg

Ok

Cancel

Redirection setting page:

Mirror Rule Setting
✕

Redirect Type :

Mirror

Redirect Type

Description: according to matching rules, return the specified redirect response

Redirect Condition :

☒ httpcode:

400~599

☐ prefix:

Redirect URL :

☒ Add prefix and suffix

☐ redirect to fixed url

☐ replace prefix of objectname

Hostname(require) /

Add prefix(option) +

objectname +

Add suffix(option)

E.g : Original URL : bucketname.oss-endpoint.com/img.jpg

Redirect URL : hostname/ img.jpg

Redirect Code :

301

☐ Whether the source is AliCDN ?

Ok

Cancel

6. Click **OK** to save the rule. After the rule is successfully saved, you can view the configured mirroring rule in the rule list and perform corresponding **Edit** or **Delete** operations.

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Manage objects

Upload objects

After you create a bucket, you can upload all types of files (objects) to the bucket. Using the OSS Console, you can upload files smaller than 500 MB. To upload files larger than 500 MB, you can use an application programming interface (API) or software development kit (SDK). For details, refer to the relevant chapter of the [Alibaba Cloud OSS Developer Guide](#).

NOTE : If the name of the file to be uploaded is duplicate with that of the existing file in the bucket, it will overwrite the existing one.

Operation procedure

1. Go to the OSS Console.
2. Click the name of the target bucket to open the bucket overview page.
3. Click **Object Management** to open the object management page.
4. Click **Upload** to open the **Select File** dialog box.
5. Select one or multiple files to be uploaded and click **Open**. After the files are uploaded successfully, click **Refresh** to display the uploaded files.

Create a folder

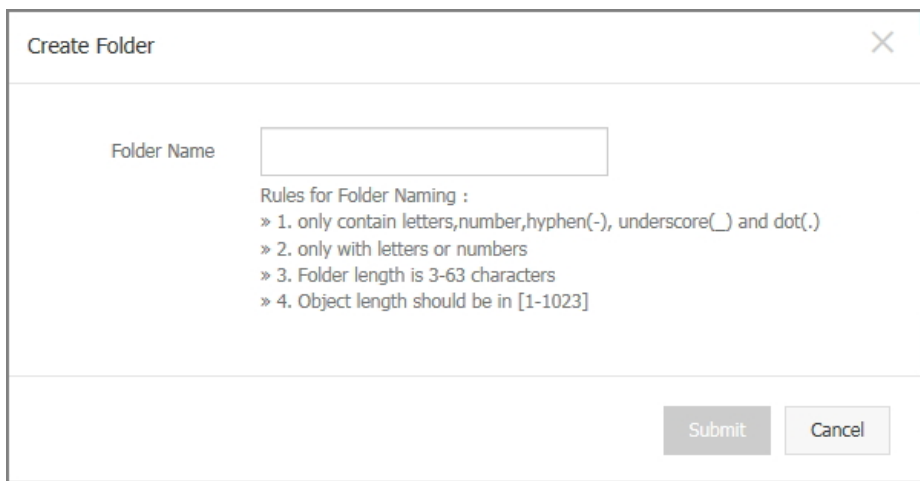
Alibaba Cloud OSS does not have the term "folder". All elements are stored as objects. To use a folder on the OSS Console, you actually create an object with a size of 0 ending with a slash (/) used to sort the same type of files and process them in batches. By default, the OSS Console displays objects ending with a slash as folders. These objects can be uploaded and downloaded normally. On the OSS Console, you can use OSS folders like using folders in the Windows operating system.

NOTE: The OSS Console displays any object ending with a slash as a folder, whether or not it contains data. The object can be downloaded only using an application programming interface (API) or software development kit (SDK). For details about how to create and use simulated folders, refer to:

- API: **Get Bucket**
- SDK: **Folder Simulation** in the Java SDK-Object

Operation Procedure

1. Go to the OSS Console.
2. Click the name of the target bucket to open the bucket overview page.
3. Click **Object Management** to open the object management page of the bucket.
4. Click **Create Folder** to open the **Create Folder** dialog box.

A screenshot of the 'Create Folder' dialog box. It has a title bar with a close button. Inside, there is a text input field labeled 'Folder Name'. Below the input field, there is a section titled 'Rules for Folder Naming :' followed by four bullet points: '» 1. only contain letters,number,hyphen(-), underscore(_) and dot(.)', '» 2. only with letters or numbers', '» 3. Folder length is 3-63 characters', and '» 4. Object length should be in [1-1023]'. At the bottom right, there are two buttons: 'Submit' and 'Cancel'.

5. Enter the name of the folder to be created in the **Folder Name** textbox.
6. Click **Submit** to save the created folder.

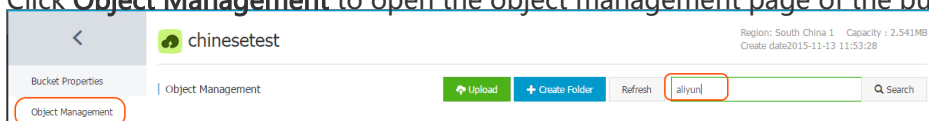
Search for objects

This section describes how to use the OSS Console to search for objects with the same name prefix in a bucket or folder.

When you perform search by name prefix, the search string is case-sensitive and cannot contain the forward slash (/). The search range is limited to the root level of the current bucket or the objects in the current folder (not including subfolders and objects in them). For details about how to use the forward slash (/) on OSS, refer to the related folder description.

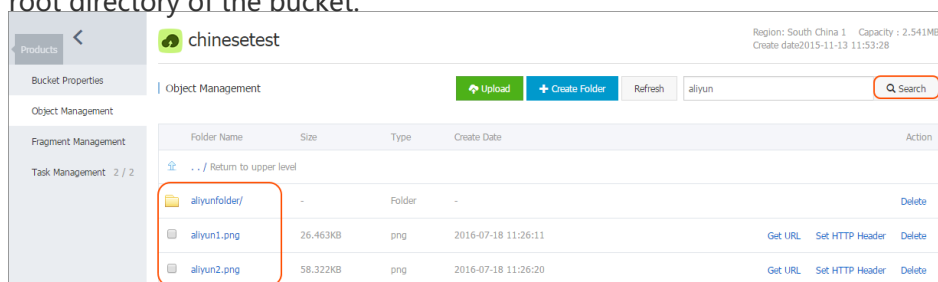
Operation procedure

1. Go to the OSS Console.
2. Click the name of the bucket to be searched to open the bucket management page.
3. Click **Object Management** to open the object management page of the bucket.

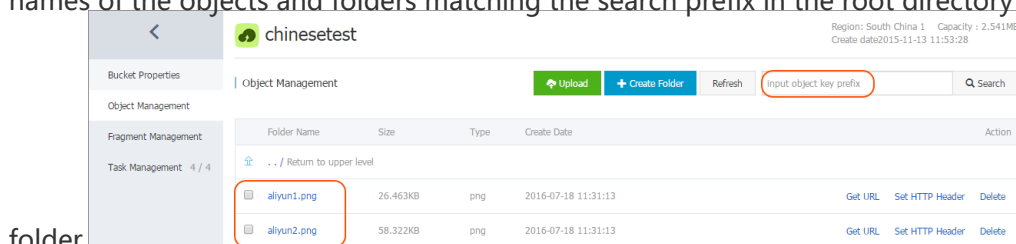
A screenshot of the OSS Console 'Object Management' page for a bucket named 'chinesetest'. The page has a sidebar with 'Object Management' selected. The main area shows bucket details: 'Region: South China 1', 'Capacity: 2.541MB', and 'Create date: 2015-11-13 11:53:28'. Below this is a toolbar with buttons for 'Upload', 'Create Folder', 'Refresh', and a search box. The search box contains the text 'aliyun' and has a magnifying glass icon. The 'Object Management' link in the sidebar is highlighted with a red box, and the search box is also highlighted with a red box.

4. Enter the search prefix "aliyun" in the search box, and press the "Enter" key or click

Search. The system lists the names of the objects and folders prefixed with “aliyun” in the root directory of the bucket.



To search in a folder, open the folder and enter a search prefix in the search box. The system lists the names of the objects and folders matching the search prefix in the root directory of the



Get object URL

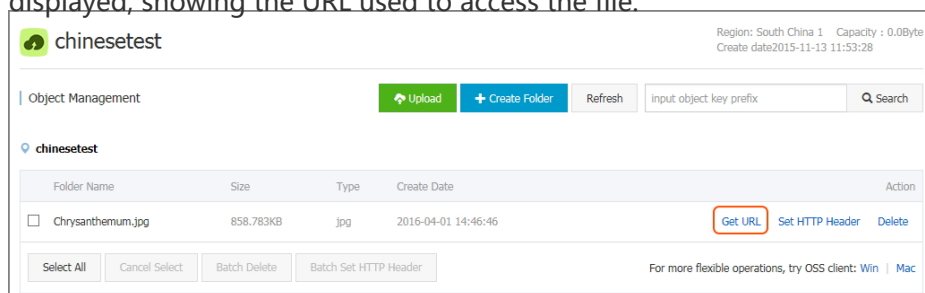
After you upload an object to a bucket, you can get the file address used to share and download the file.

Operation procedure

Go to the OSS Console. The **Overview** page is displayed by default.

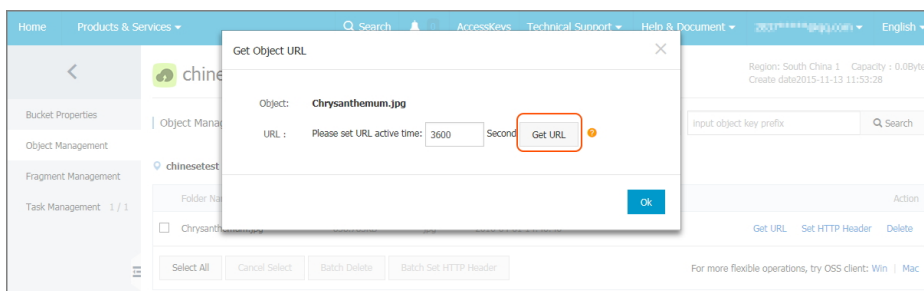
Click the target bucket name to open the bucket overview page.

Click **Object Management**. Click the **Get URL** link of the target object. A dialog box is displayed, showing the URL used to access the file.



If your bucket is set to **Private** read/write, you must set the URL validity period (active time)

when getting an object URL. Click **Get URL** to get the file link. The validity period of an URL signature link is calculated based on NTP. You can give this link to any user, who can use it to access the file within the validity period. If the bucket is set to **Private** read/write, file addresses are generated using the URL signature method.



Copy the file link and give it to any user who needs to browse or download the file.

Set an HTTP header

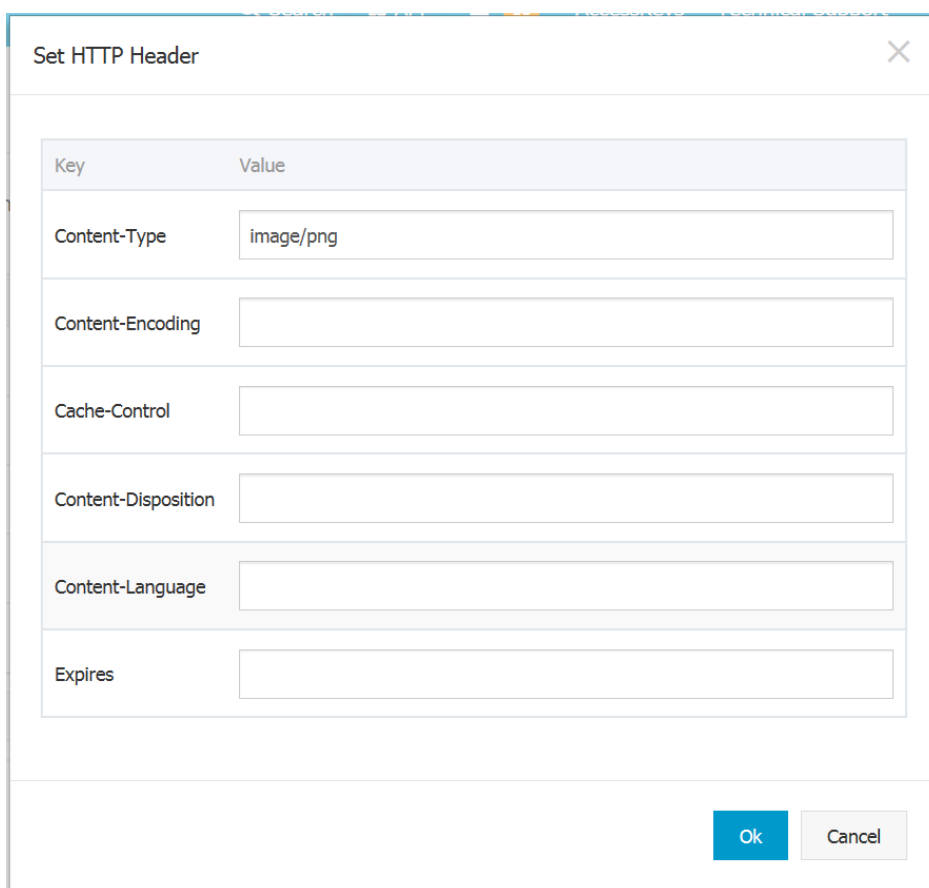
You can set an HTTP header for one or multiple files on the OSS Console.

NOTE: You can set an HTTP header for up to 1000 files using the Batch Set function of the OSS Console.

- API: Object header is set through the **Copy Object** operation.
- SDK: Object header is set through **Copy Object** in the Java SDK-Object.

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.
3. Select **Object Management** to open the object management page.
4. Click the **Set HTTP Header** link of the target file to open the **Set HTTP Header** dialog box. To set HTTP headers in batches, select the target files and click **Batch Set HTTP Header**.
5. Complete the setting. For details about each field, refer to Header Field Definitions.

A dialog box titled "Set HTTP Header" with a close button (X) in the top right corner. It contains a table with two columns: "Key" and "Value". The table has seven rows, each with a header key and a corresponding text input field for the value. The first row is pre-filled with "Content-Type" and "image/png". The other rows are empty. At the bottom right of the dialog, there are two buttons: "Ok" (blue) and "Cancel" (gray).

Key	Value
Content-Type	image/png
Content-Encoding	
Cache-Control	
Content-Disposition	
Content-Language	
Expires	

6. Click **OK** to save the setting.

Delete an object

If you do not need to store uploaded files any longer, delete them to avoid further fees. You can delete a single file or delete files in batches on the OSS Console.

NOTE:

- The deleted file cannot be recovered. Perform this operation with caution.
- You can delete up to 1,000 files at a time using the Batch Delete function of the OSS Console. If you want to delete only the selected files or perform batch deletion in a larger volume, follow the procedures in API or SDK documents below. For details, refer to the relevant sections of the **Alibaba Cloud OSS Developer Guide**.
 - API: **Delete Object** and **Delete Multiple Object**
 - SDK: **Deleting Objects** in the Java SDK-Object

Operation procedure

1. Go to the OSS Console.

2. Select a bucket to open the bucket overview page.
3. Select **Object Management** to open the object management page.
4. Click the **Delete** link of the target file. The **Delete Object** dialog box is displayed.
5. Click **Confirm** to delete the file. To delete files in batches, select the files to be deleted and click **Batch Delete**.

Delete a folder

After you delete a folder on the OSS Console, all files and sub folders in this folder are automatically deleted. If you want to retain the files, move them to other places before you delete the folder.

Operation procedure

1. Go to the OSS Console.
2. Select a bucket to open the bucket overview page.
3. Select **Object Management** to open the object management page.
4. Click the **Delete** link of the target folder. The **Delete Folder** dialog box is displayed.

NOTE: The deletion may fail if the folder contains too many files.

5. Click **Confirm** to delete the folder.

Manage fragments

After logging on to the OSS Console, you can click **Fragment Management** on the left of the bucket overview page to view or delete fragments produced in the bucket.

Fragments are mainly produced by multipart upload operations. For details, refer to the API documentation [Multipart Upload](#).