

# Alibaba Cloud Object Storage Service

Console User Guide

Issue: 20180917

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# Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 <b>Danger:</b> Resetting will result in the loss of user configuration data.
	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 <b>Warning:</b> Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 <b>Note:</b> Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 <b>Note:</b> You can use <b>Ctrl + A</b> to select all files.
>	Multi-level menu cascade.	<b>Settings &gt; Network &gt; Set network type</b>
<b>Bold</b>	It is used for buttons, menus, page names, and other UI elements.	Click <b>OK</b> .
Courier font	It is used for commands.	Run the <code>cd /d C:/windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[ ] or [a b]	It indicates that it is a optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand   slave}</code>

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# 1 Log on to the OSS Console with an RAM Sub-account

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The Alibaba Cloud OSS console provides an intuitive operation interface. Along with the Alibaba Cloud account, you can also log on to the OSS console using a sub-account (RAM user).

Log on to the OSS console using a RAM sub-account as follows:

1. Create a RAM user.
2. Authorize a sub-account.
3. Log on to the console with a sub-account.

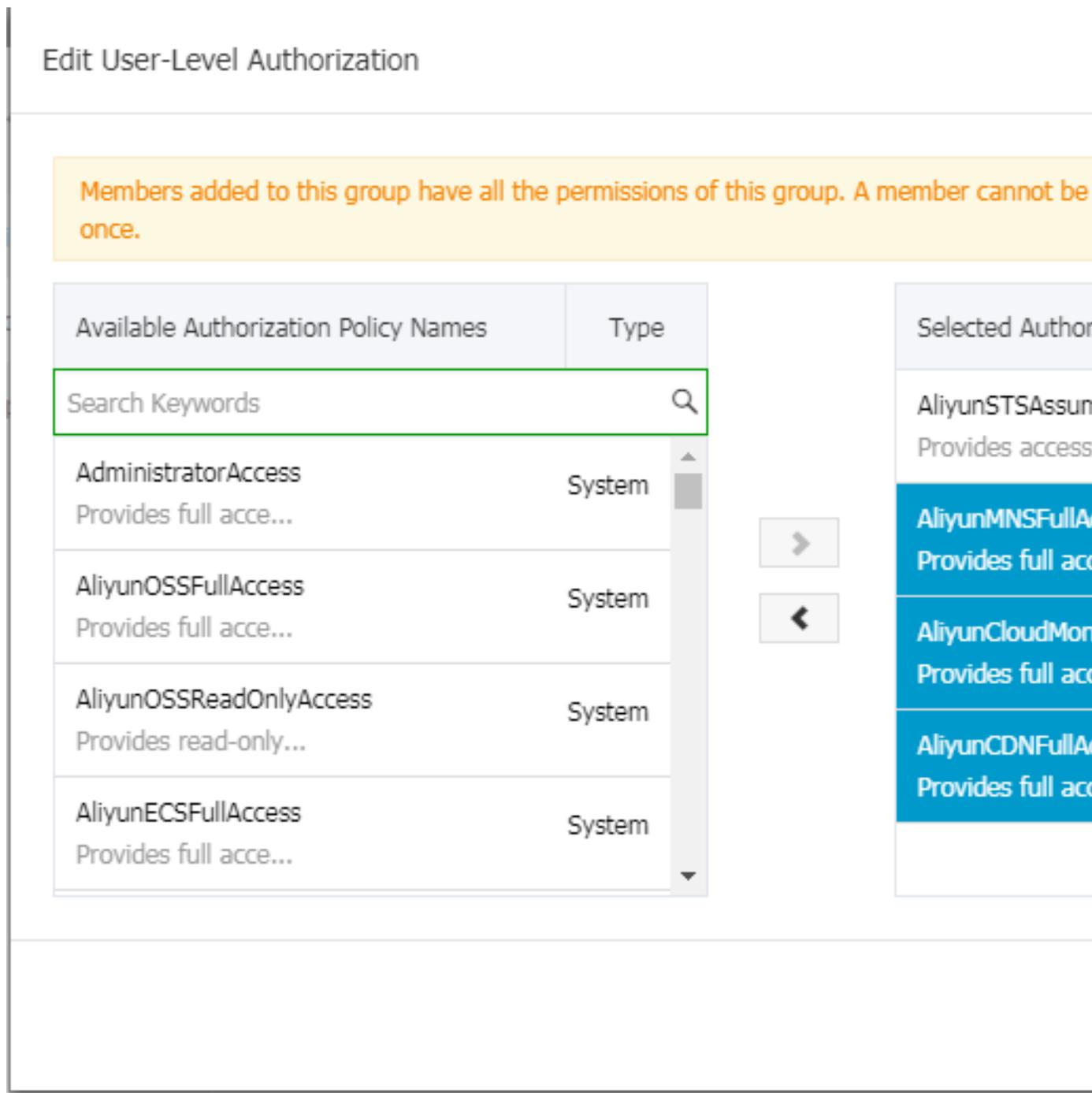
## Create a RAM user

Log on to the RAM console, and create a RAM user through **User Management > New User**. For detailed procedure, see in the [RAM User Manual](#).

## Authorize a sub-account

Log on to the RAM console, select the corresponding RAM user, and click **Authorize** for authorization. For detailed procedure, see [RAM Authorization Help Documentation](#).

To make sure that the sub-account can use the OSS console features after logging on to the console, access permissions to MNS, CloudMonitor, and CDN are also required along with the related OSS permissions, as shown in the following figure:



### Log on to the console with a sub-account

Do the following to log on to the console with a sub-account:

1. Log on to the RAM console, and click **User Management**.
2. Select the corresponding RAM user, and click **Manage** to configure related information.
3. Turn on **Enable Console Logon**.
4. Log on to the RAM console, view your **RAM user logon link**, and click the link to log on.

For more information, see [RAM User Manual](#).

## 2 Manage fragments

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### What are parts?

When you use the Multipart Upload mode, you divide the object into several parts. After you upload the parts to the OSS server, you can call the CompleteMultipartUpload to combine the parts into a complete object.



#### Note:

- You can call the CompleteMultipartUpload to combine the parts into a complete object. For more information on how to use MultipartUpload, see [Introduction](#).
- You can regularly clear unnecessary parts by setting the lifecycle management. It is used to clear the parts for which the CompleteMultipartUpload is not complete for a long term in the bucket to reduce the consumption of space. For the detailed procedure, see [Set lifecycle](#).
- A part cannot be read before it is combined with other parts into an object. To delete a bucket, you must delete its objects and parts first. Parts are mainly generated by Multipart Upload. For more information, see [Introduction](#) the API documentation.

### Procedures

1. Log on to the [OSS console](#).
2. In the left-side bucket list, click the name of the target bucket to open the overview page of the bucket.
3. Click the **File** tab.
4. Click the **Fragments** to open the **Fragments (Multipart)** page.
5. Delete the part files.
  - To delete all the part files in a bucket, click **Clear Fragments**.
  - To delete some of the part files in a bucket, select or search for the expected part files and click **Delete Fragments**.
6. In the dialog box that appears, click **OK**.

## 3 Log on to OSS console

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### Context

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, make sure that you have registered an Alibaba Cloud account. If you do not have an Alibaba Cloud account, the system prompts you to [register an account](#) when you activate OSS.

### Procedure

1. Log on to the [Alibaba Cloud official website](#).
2. On the [OSS product detail page](#) click **Buy 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 **Object Storage Service** in the left-side navigation pane to access the OSS console.

## 4 Check resource usage

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### Overview

You can check the usage of the following resources on the OSS console:

- Basic data: Including bucket, data used, and requests per hour
- Hotspot statistics: Including PV/UV, original, and hot spot
- API statistics: Including method statistics and return code
- Object access statistics: Including statistics about object access

This document uses the basic data as an example to describe the resource checking method.

### Procedures

1. Log on to the [OSS console](#).
2. In the bucket list on the left, click the target bucket name to open its information page.
3. Click the **Basic Data** tab, and diagrams of the following three kinds of basic data are displayed, as shown in the following figure:

Home Products

Object Storage...

Overview

Bucket + ↕ 🗃

🔍

- celcom-big...
- cjltest-intl
- document-...
- document-...
- ecsdoc-text
- example-co...
- mytestbuck...
- originbucket
- ossvolume
- redirectbuc...

⏪ 1/2 ⏩

### mytestbucket1234

Overview | Files | Basic Settings | Domain Names

Today | Yesterday | 7 Days | Start Date - End Date 🗓

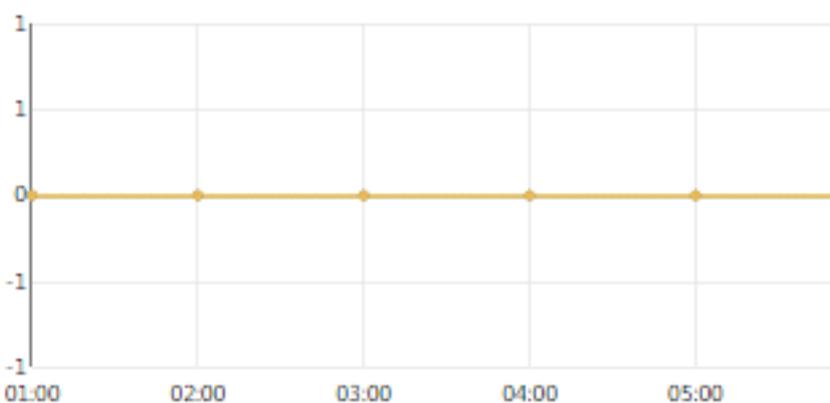
**Bucket**



0  
0  
0  
0

01:00 02:00 03:00 04:00 05:00

**Data Used**



1  
1  
0  
-1  
-1

01:00 02:00 03:00 04:00 05:00

● CDN Inbound (MB)

**Requests per Hour**



15  
10

- Bucket
- Data Used
- Requests per Hour

The following three tables describe the basic data items included in the three diagrams and the description of the items:

**Table 4-1: Bucket**

Basic Data	Description
Standard	Size of data stored in the standard type
Archive	Size of data stored in the archive type
Infrequent Access	Size of data stored in the infrequent access type
Total	Total size of data

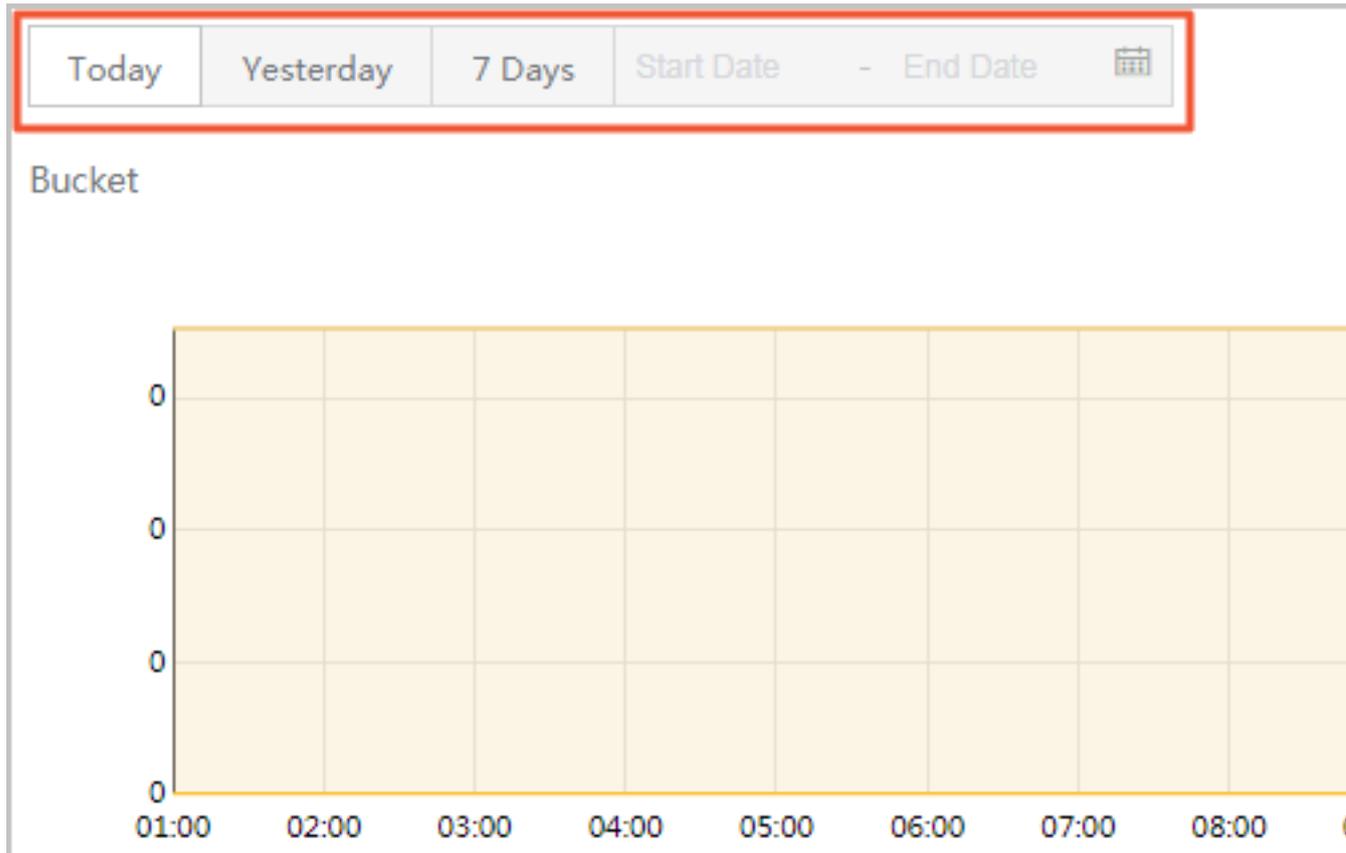
**Table 4-2: Data Used**

Basic Data	Description
CDN Inbound	Data uploaded from local to OSS through CDN service layer
CDN Outbound	Data downloaded from OSS through CDN service layer
Internet Inbound	Data uploaded from local to OSS through Internet
Internet Outbound	Data downloaded from OSS to local through Internet
Intranet Inbound	Data uploaded from ECS servers to OSS through Alibaba intranet
Intranet Outbound	Data downloaded from OSS to ECS servers through Alibaba intranet
Cross-Region Replication Inbound	Data synchronously replicated from the target bucket to the source bucket using the cross-region replication function
Cross-Region Replication Outbound	Data synchronously replicated from the source bucket to the target bucket using the cross-region replication function

**Table 4-3: Request per Hour**

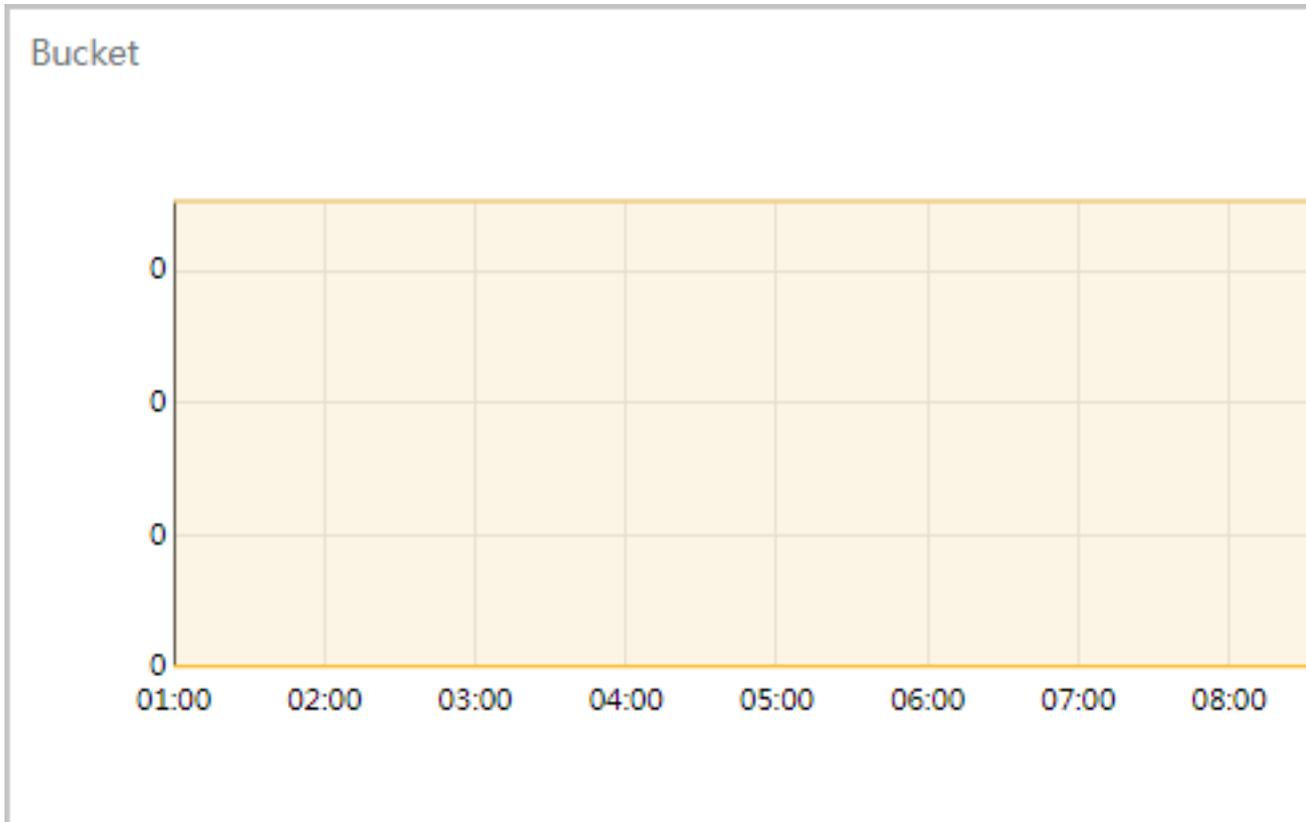
Basic Data	Description
GET Request	Number of GET requests per hour
PUT Request	Number of PUT requests per hour

4. Select the time granularity of the resource usage diagrams, as shown in the following figure:



- **Today:** Only the data of the current day is shown in diagrams.
  - **Yesterday:** Only the data of yesterday is shown in diagrams.
  - **7 Days:** Only the data of the latest seven days is shown in diagrams.
  - Customized time period: You can select the Start Date and the End Date of a time period. The data in this period is shown in diagrams.
5. Check the required basic data in the corresponding diagram. The following part uses the Bucket diagram as an example to describe the checking method of basic data.
- The display status of a basic data item is shown on the lower right of a diagram. If the circle before a basic data item is empty, the basic data item is not shown in the diagram. If the circle before a basic data item is solid, the basic data item is shown in the diagram.

For example, in the following figure, the **Standard** and **Archive** data items are not shown in the diagram, and the **Infrequent Access** and **Total** data items are shown in the diagram.

**Note:**

All data items are shown in diagrams by default.

- By clicking the circle before a basic data item, you can switch between the following status : 1. Show the basic data item in the diagram. 2. Do not show the basic data item in the diagram.
- By double-clicking the circle before a basic data item, you can switch between the following two status: 1. Only show this basic data item in the diagram. 2. Show all basic data items in the diagram.