

# Cloud Infinite

## Getting Started

### Product Documentation



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# Getting Started

## Registering and Logging In

Last updated : 2020-06-01 14:22:21

### Signing Up for a Tencent Cloud Account

When using Tencent Cloud CI for the first time, you need to sign up for a Tencent Cloud account.

- If you already have a Tencent Cloud account, proceed to [Logging in to CI Console](#).
- If you have no Tencent Cloud account yet, go to the [Tencent Cloud registration page](#) to create one. For detailed instructions, see [Signing Up for a Tencent Cloud Account](#).

### Logging In to CI Console

After completing the registration, log in to [CI Console](#).

# Creating Buckets

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CI provides the storage feature based on [Cloud Object Storage \(COS\)](#). A bucket is a carrier that stores images in COS. You can use the Tencent Cloud console, API, or SDK to create and manage buckets. A bucket can store multiple objects.

## Directions

You can bind or create a bucket in the CI console and customize it after the creation.

1. Log in to the [CI console](#) and click **Bucket Management** in the left sidebar to go to the **Bucket Management** page.
2. Click **Bind Bucket**. The **Bind Bucket** dialog box appears.
3. Select **Bind an existing COS bucket** or **Create**.
  - If you select **Bind an existing COS bucket**, specify the bucket name.
  - If you select **Create**, enter a custom name for the bucket, select a region and access permission, and set whether to enable CDN acceleration. Then, click **OK** to create the bucket. For more information on the

configuration items, see "Notes".

### Bind Bucket ✕

File storage is powered by COS. A newly created bucket will be synchronized to COS.

Add Methods  Bind an existing COS Bucket  Create

Name   
Only a combination of numbers, lowercase letters, and hyphens ("-") with a length no greater than 50 characters is supported.

Region

Access Permission  Private Read/Write  Public Read/Private Write  Public Read/Write

CDN Acceleration  Enable  Close

## Notes

### Methods of adding a bucket

There are two methods to add a bucket:

- Create a bucket. Since the storage feature of CI is based on COS, you can query the newly created bucket in the [COS console](#).
- Select an existing COS bucket. If you choose to use this method, you are actually activating the image processing service for an existing bucket in COS.

You can bind up to 200 buckets across regions, but the numbers of directories and files in a bucket are unlimited.

## Project

A bucket is created under a project and belongs to only one project. The project cannot be changed once it is selected.

## Name

- a. The bucket name is a string with up to 50 characters and contains only digits, lowercase letters, and hyphens (-).
- b. The bucket name must be unique across all projects under the same APPID.

## Region

CI supports multi-region storage. For more information on regions where this feature is available, see [Regions and Domain Names](#). When creating a bucket, you can select a region for the bucket. The region cannot be changed once selected. To improve the access speed, we recommend that you select a region close to your location.

## Access permissions

The following three access permissions are granted for a bucket by default:

- Private Read/Write: only the bucket creator and authorized accounts have permission to read and write objects in the bucket.
- Public Read/Private Write: anyone, including anonymous visitors, can read objects in the bucket. However, only the bucket creator and authorized accounts can write objects in the bucket.
- Public Read/Write: anyone, including anonymous visitors, can read and write objects in the bucket. We recommend that you do not select this access permission.

You can modify the access permission in the [COS console](#) later when needed.

## CDN acceleration

CDN acceleration is disabled by default. You can enable or disable it as needed. When CDN acceleration is enabled, users can accelerate access by transferring files through Tencent CDN nodes.

# Uploading Images

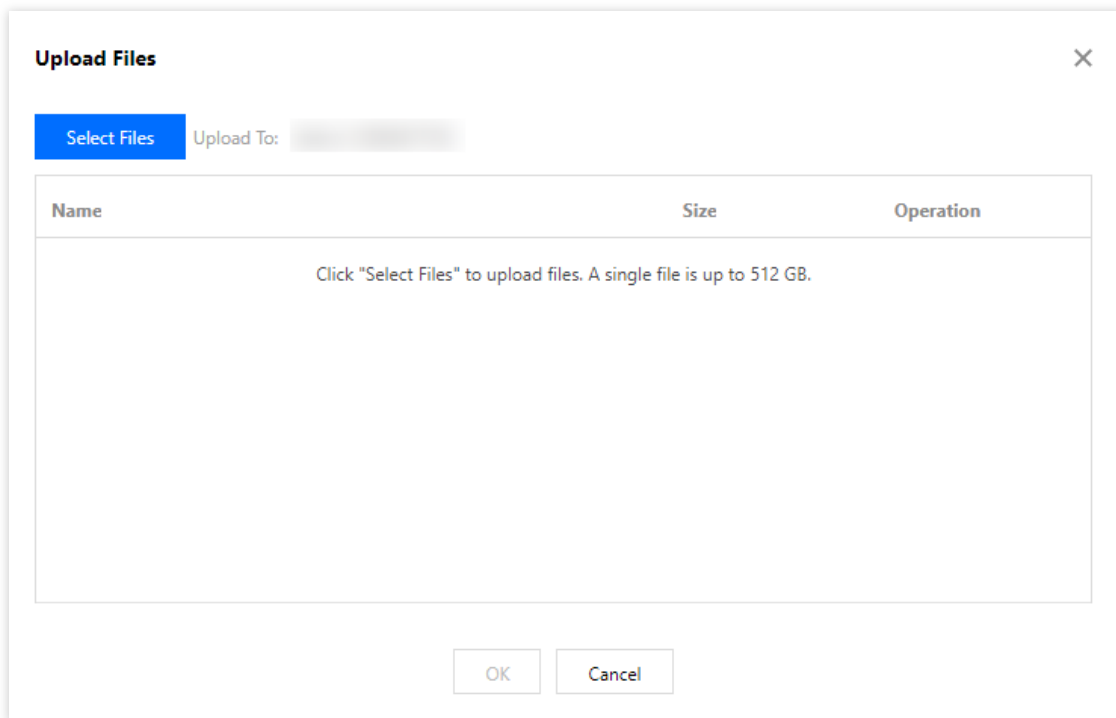
Last updated : 2020-07-10 17:15:32

After creating a bucket, you can upload files to the bucket and view the file information.

1. In the [CI console](#), click **Bucket Management** to go to the bucket list.
2. Find the target bucket and click **Manage** in the **Operation** column to go to the bucket management page.

Bucket Name	Region	Bound Time	Operation
	Toronto(Canada)	2020-05-21 14:30:36	<a href="#">Manage</a> <a href="#">Unbind</a>

3. Select **File Management** in the left sidebar, click **Upload Files**. In the **Upload Files** dialog box that appears, click **Select Files** to select a file to upload.



4. Click **OK**. When the information about the uploaded file appears in the file list, the file has been successfully uploaded.

File Name	Size	Uploaded Time	Operation
	10.13 KB	2020-07-10 16:52:09	<a href="#">Details</a> <a href="#">Download</a> <a href="#">Delete</a>

If a file with the same name as that of an uploaded file, it will overwrite the uploaded file.



## Viewing File Information

After a file is uploaded to the bucket, you can view the file information, including the attributes, URL, and size.

1. In the [CI console](#), click **Bucket Management** to go to the bucket list.
2. Find the bucket where your file is stored and click **Manage** in the **Operation** column to go to the bucket management page.
3. Select the **File Management** tab in the left sidebar, select the target file from the file list, and click **File Info**. In the **File Info** dialog box that appears, you can view the file information.

File Name	Size	Uploaded Time	Operation
	10.13 KB	2020-07-10 16:52:09	<a href="#">Details</a> <a href="#">Download</a> <a href="#">Delete</a>

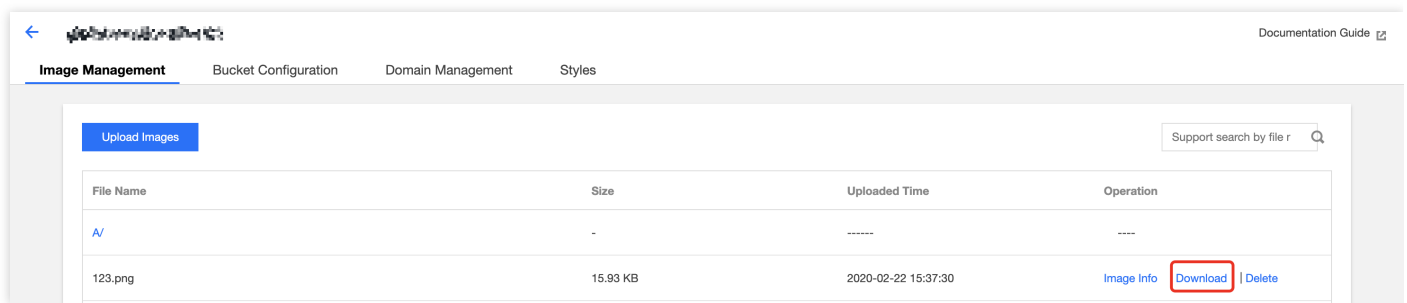
# Downloading and Deleting Images

Last updated : 2021-12-29 10:15:14

## Downloading Files

After files are uploaded to a bucket, you can download them as needed. To do this, perform the following steps:

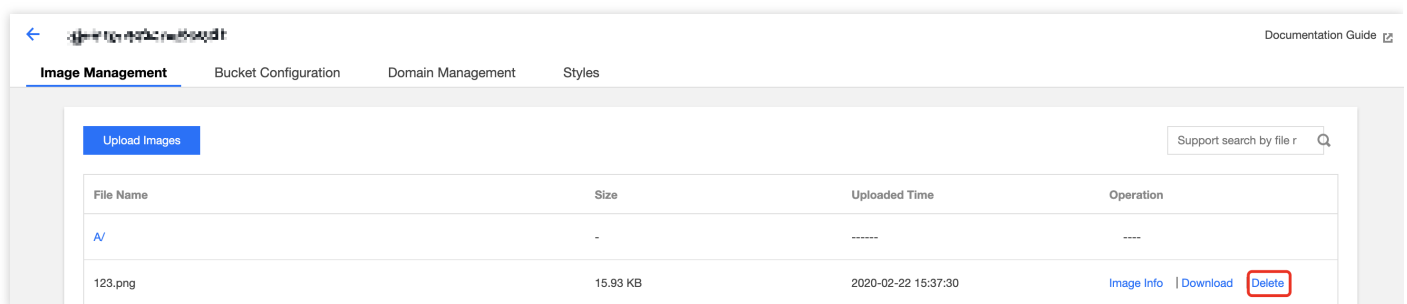
1. Log in to the [CI console](#).
2. Find the bucket where your desired file is located and click **Manage** in the **Operation** column to go to the bucket management page.
3. Select the **File Management** tab in the left sidebar, find the target file from the file list, and click **Download** to download the file.



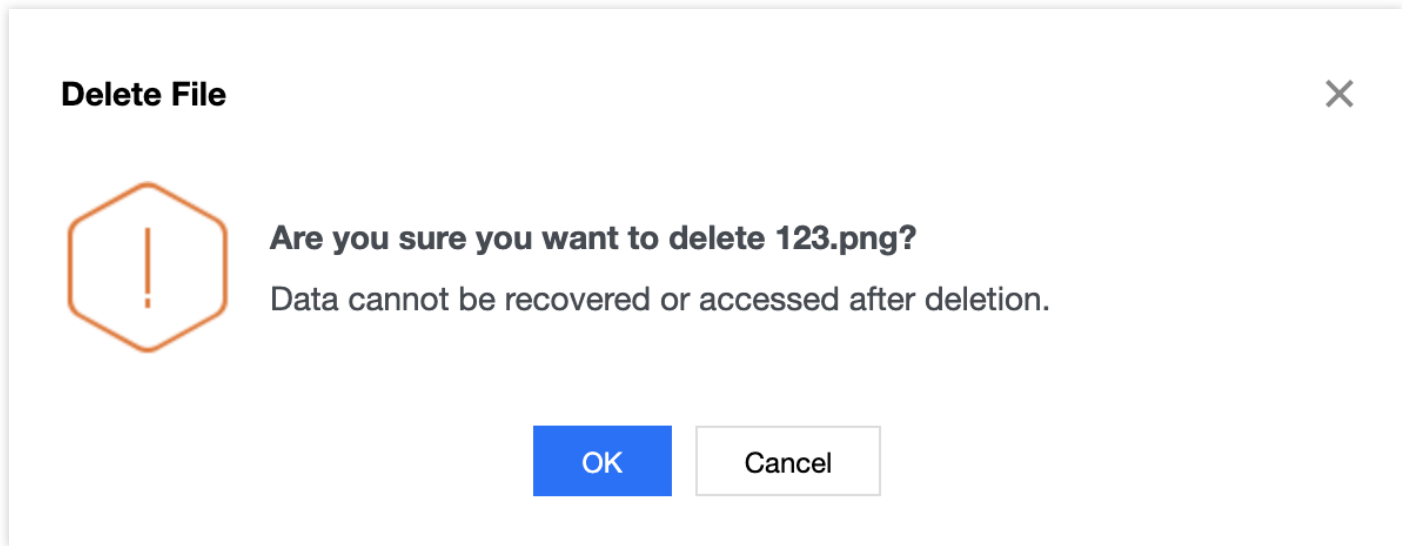
## Deleting Files

To delete files from a bucket, complete the following steps:

1. Log in to the [CI console](#).
2. Find the bucket where your file is located and click **Manage** in the **Operation** column to go to the bucket management page.
3. Select **File Management** in the left sidebar, find the target file from the file list, and click **Delete** to delete the file.



4. Click **OK** to delete the file.



# Unbinding Buckets

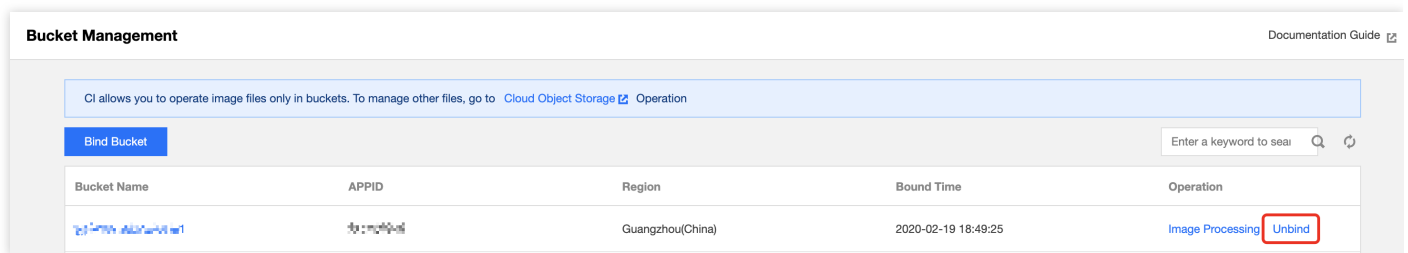
Last updated : 2020-03-03 17:47:18

If you no longer need a bucket, you can unbind it. This document describes how to unbind buckets that are no longer needed.

At present, you cannot delete buckets in CI Console. For information on how to delete buckets, see [Deleting Buckets](#) for COS.

## Directions

1. Log in to [CI Console](#), find the bucket that you want to unbind, click **Unbind** on the right, and the bucket unbinding dialog box appears.



After a bucket is unbound, it is removed from the bucket list in CI Console, but COS retains the bucket and all its files, which can be viewed in COS Console.

2. Click **OK** to unbind the bucket.