

My Credentials

Date 2020-01-15

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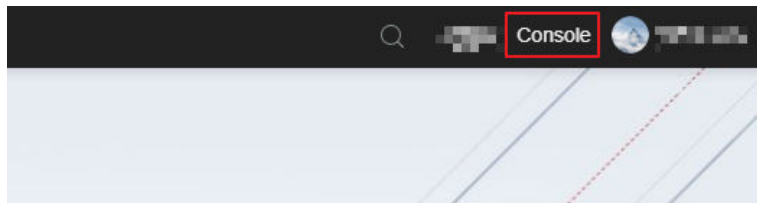
1 My Credentials

You can manage your security credentials on the **My Credentials** page.

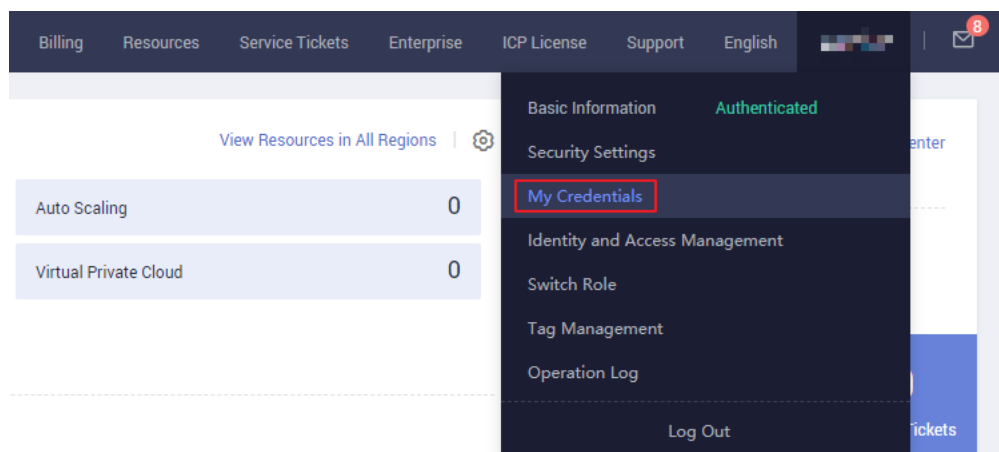
To access HUAWEI CLOUD using APIs, you need to obtain security credentials (such as the account name and project ID) on the **API Credentials** page. On the **Access Keys** page, you can manage access keys (AK/SK) used for API access.

Procedure

Step 1 Log in to HUAWEI CLOUD and click **Console** in the upper right corner.



Step 2 On the management console, hover over the username in the upper right corner and choose **My Credentials** from the drop-down list.



Step 3 On the **My Credentials** page, view your **API credentials** and **access keys**. [Table 1-1](#) describes the credential information on the **My Credentials** page.

Table 1-1 Credential information

Parameter		Description
API Credentials	IAM User Name	Username used for logging in to HUAWEI CLOUD.
	IAM User ID	ID of the IAM user, which is automatically generated by HUAWEI CLOUD. The IAM user ID cannot be modified.
	Account Name	Automatically created upon successful registration of an entity (such as an enterprise). The account pays bills for the use of cloud resources under the account. Resources of different accounts are isolated.
	Account ID	ID of the account, which is automatically generated by HUAWEI CLOUD. The account ID cannot be modified.
	Project ID	ID of a project, which is automatically generated by HUAWEI CLOUD. The project ID cannot be modified.
	Projects	Projects group and isolate resources (including compute, storage, and network resources) across physical regions. A project can be a department or a project group.
Access Keys		Access key ID/Secret access key (AK/SK) pairs used for API access. You can create a maximum of two access keys.

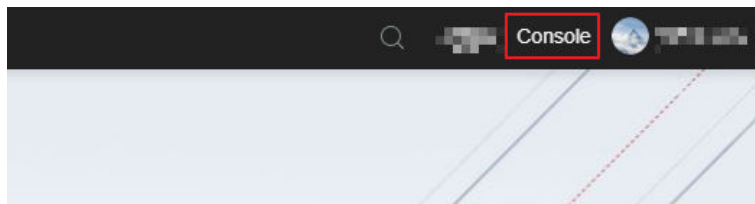
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2 API Credentials

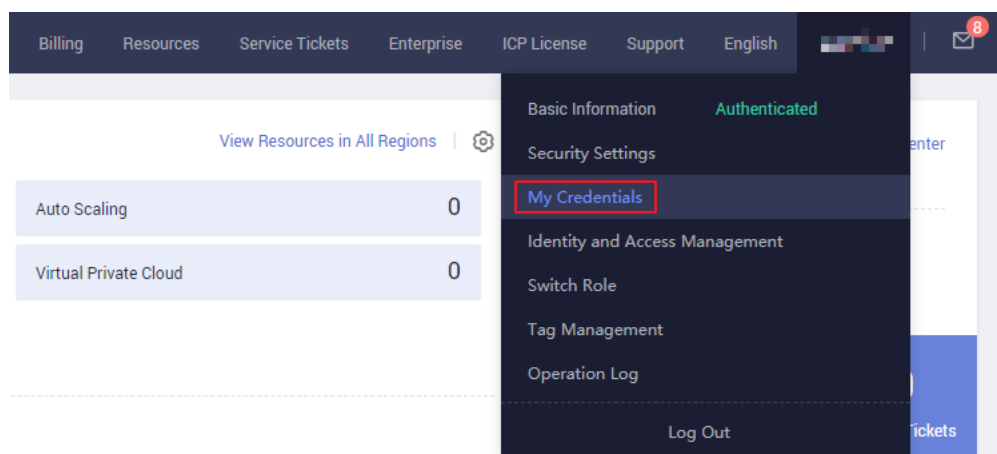
You can view your username, user ID, account name, account ID, and project IDs on the **API Credentials** page. A project ID uniquely identifies a region where cloud resources are deployed. It is required when you call APIs to manage cloud resources, such as creating a Virtual Private Cloud (VPC).

Procedure

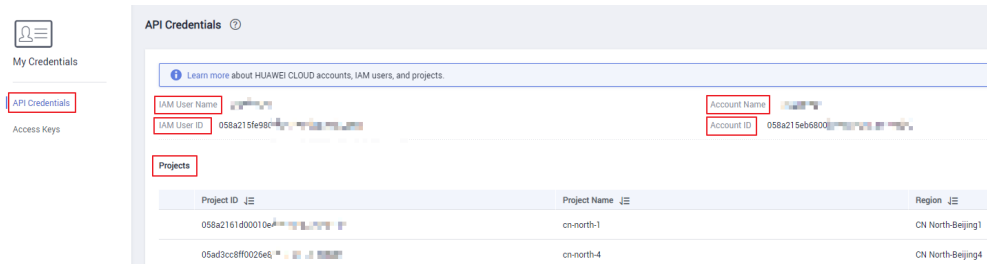
Step 1 Log in to HUAWEI CLOUD and click **Console** in the upper right corner.



Step 2 On the management console, hover over the username in the upper right corner and choose **My Credentials** from the drop-down list.



Step 3 Choose **API Credentials** from the navigation pane, and then view your username, user ID, account name, account ID, and project IDs.



NOTE

If the region and project you want to view are not displayed, click **Console** in the upper left corner, switch to the desired region, and go to the **API Credentials** page again.

----End

3 Access Keys

An access key comprises an access key ID (AK) and secret access key (SK), and is used as a long-term identity credential to [sign your requests for HUAWEI CLOUD APIs](#). AK is used together with SK to sign requests cryptographically, ensuring that the requests are secret, complete, and correct.

After logging in to the management console, users authorized by the administrator can create and delete access keys on the **My Credentials** page.

If an IAM user does not have permissions to log in to the management console, the administrator of the user can manage access keys for the user in IAM. For details, see [Managing Access Keys for an IAM User](#).

NOTE

The credentials that an IAM user can use depend on the access type specified for the user. Select the access type that user will need to use.

- If the user **accesses cloud services only by using the management console**, specify the access type as **Management console access** and the credential type as **Password**.
- If the user **accesses cloud services only through programmatic calls**, specify the access type as **Programmatic access** and the credential type as **Access key**.
- If the user **needs to use a password as the credential for programmatic access** to certain APIs, specify the access type as **Programmatic access** and the credential type as **Password**.
- If the user needs to **perform access key verification** when using certain services in the console, specify the access type as "**Programmatic access + Management console access**" and the credential type as "**Access Key + Password**". For example, the user needs to perform access key verification when creating a data migration job in the Cloud Data Migration (CDM) console.

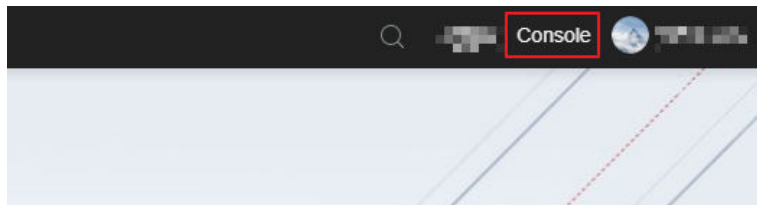
Important Notes

1. You can create a maximum of two access keys with identical permissions and unlimited validity. **Each access key can be downloaded only once when created.** Keep your access keys secure and change them periodically for security purposes. To change an access key, delete it and create a new one.
2. Federated users cannot create access keys, but they can create temporary access credentials (temporary AK/SK and SecurityToken). For details, see [What Are Temporary Security Credentials \(AK/SK and Security Token\)?](#)

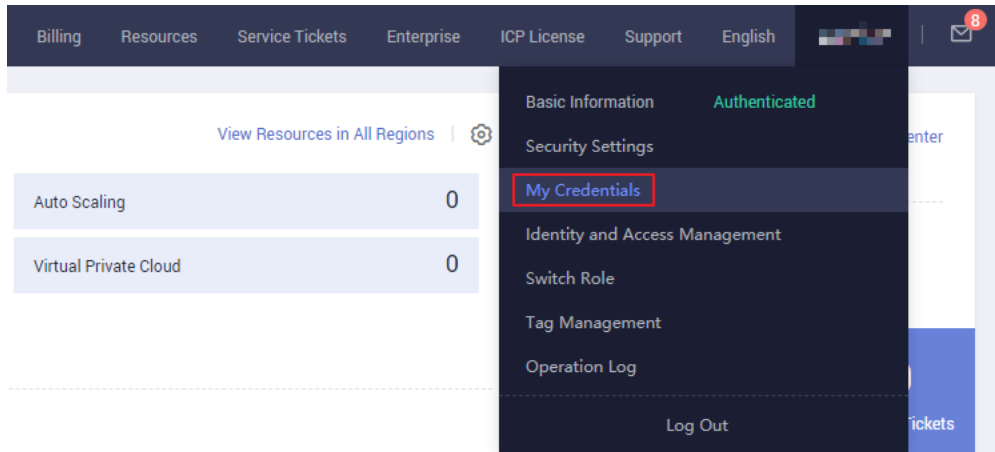
3. If you are an IAM user, point to the username in the upper right corner of the management console, choose **Security Settings**, click the **Critical Operations** tab, and check the enabling status of the **Access Key Management** feature.
 - Disabled: All IAM users under the account can manage (create, enable, disable, and delete) their own access keys.
 - Enabled: Only the administrator can manage users' access keys.
4. If you cannot manage your access keys, request the **administrator** to perform either of the following operations:
 - Manage your access keys (see [Managing Access Keys for an IAM User](#)).
 - Grant the permissions you require (see [Assigning Permissions to an IAM User](#)) or enable access key management (see [Access Key Management](#)).
5. If you are an administrator, you can view the AK of an IAM user on the user details page. The SK is kept by the user.

Creating an Access Key

Step 1 Log in to HUAWEI CLOUD and click **Console** in the upper right corner.

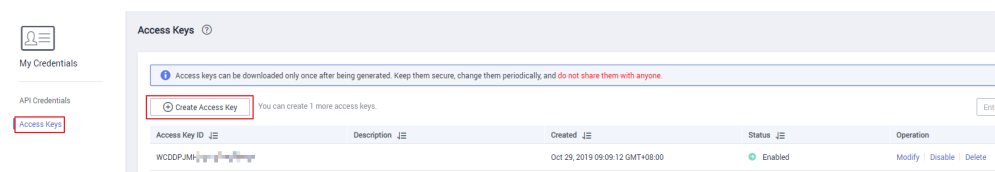


Step 2 On the management console, hover over the username in the upper right corner and choose **My Credentials** from the drop-down list.



Step 3 Choose **Access Keys** from the navigation pane.

Step 4 Click **Create Access Key**, and enter the verification code or password.



NOTE

- You can create a maximum of **two** access keys. The quota cannot be increased. If you already have two access keys, you can only delete an access key and create a new one.
- To change an access key, **delete it** and create a new one.

Step 5 Click **OK** to generate an access key and download it.

After the access key is created, view the AK in the access key list and view the SK in the downloaded CSV file.

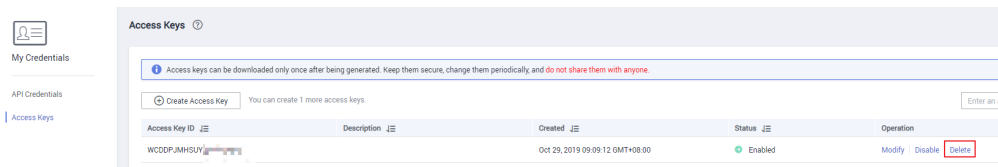
NOTE

- Download the access key file and keep it properly. If the download page is closed, you will not be able to download the access key. However, you can create a new one.
- Open the CSV file in the lower left corner, or choose **Downloads** in the upper right corner of the browser and open the CSV file.
- Keep your access keys secure and change them periodically for security purposes. To change an access key, delete it and create a new one.

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Deleting an Access Key

1. On the **Access Keys** page, click **Delete** in the same row as the target access key.



2. Enter the verification code or password, and click **Yes**.

NOTE

If your access keys are forgotten or leaked, delete them on the **My Credentials** page or contact the administrator to delete them in IAM.

Enabling/Disabling an Access Key

Access keys are enabled by default once being created. To disable an access key, perform the following steps:

1. On the **Access Keys** page, click **Disable** in the same row as the target access key.
2. Enter the verification code or password, and click **Yes**.

The method of enabling an access key is similar to that of disabling an access key.

A Change History

Date	Description
2020-01-15	This issue is the seventh official release. This release incorporates the following change: Updated the figures in each chapter based on GUI changes.
2019-11-20	This issue is the sixth official release. This release incorporates the following change: Added section Enabling/Disabling an Access Key .
2019-7-10	This issue is the fifth official release. This release incorporates the following changes: Modified sections API Credentials and Access Keys . Deleted the sections describing how to change the password, email address, and mobile number.
2019-06-11	This issue is the fourth official release. This release incorporates the following changes: Modified chapter My Credentials and the sections describing how to change the password, email address, and mobile number.
2017-12-30	This issue is the third official release. This release incorporates the following changes: Added sections describing how to change the password, email address, and mobile number.
2017-04-30	This issue is the second official release. This release incorporates the following change: Added chapter "Viewing the Project ID".
2016-03-14	The issue is the first official release.