

Tag Management Service

CLI Reference

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1 Using KooCLI

Huawei Cloud Koo Command Line Interface (previously "HCloud CLI") is designed to manage Huawei Cloud service APIs released on [API Explorer](#). You can use this tool to call the APIs of TMS in API Explorer to manage and use your TMS resources. For details about KooCLI, see [What Is KooCLI?](#)

Installing KooCLI

Before you begin, you will need to install KooCLI. KooCLI is compatible with Windows, Linux, and macOS. Install the version that matches your OS.

- [Installing KooCLI in Windows](#)
- [Installing KooCLI in Linux](#)
- [Installing KooCLI in macOS](#)
- [Configuring and Using KooCLI in Docker](#)

Initializing KooCLI

When KooCLI is used to call APIs, you need to obtain the caller's identity information for authentication. If you initialize KooCLI, your permanent AK/SK is stored in the configuration file, so you do not need to enter the credentials each time you call an API.

Skip this step if you intend to pass authentication parameters directly in commands instead of using the configuration file. For details, see [Using KooCLI in Non-configuration Mode](#).

The following uses Windows as an example to describe how to initialize KooCLI. The steps on Linux and macOS are similar. Before the initialization, obtain the AK/SK. For details, see [Creating Access Keys](#).

1. Open the CLI.
2. Run the following command to initialize the configuration:
`hcloud configure init`

3. Enter the parameter values as prompted.

Access Key ID [required]: // Mandatory. Enter the AK.

Secret Access Key [required]: // Mandatory. Enter the SK. The system will anonymize the input.

Secret Access Key (again): // Mandatory. Enter the SK again. The system will anonymize the input.

Region: // Optional. Enter a region.

The message "Initialization successful" is then displayed.

Generating and Executing a CLI Command

KooCLI supports two command generation methods:

- Use API Explorer to quickly generate and obtain the CLI command for calling an API. **This method is recommended as it is more convenient.**
- Use CLI commands to query API operations and related parameters, and then manually combine CLI commands to call APIs. For details, see [Step 4: View and Run Cloud Service Operation Commands](#).

The following uses the tag quota query API of TMS as an example to describe how to generate a CLI command in API Explorer and then run the CLI command to call the API.

1. On the TMS page of [API Explorer](#), select the API for which you want to generate a CLI command.
2. In the parameter configuration interface in the middle, enter the parameters required to call the API.
3. In the pane on the right, click the **CLI Example** tab and view the generated CLI command.

The following is an example of the CLI command for calling the tag quota query API.

```
hcloud TMS ShowTagQuota --cli-region="cn-north-4"
```

4. Copy the generated CLI command and paste it into the CLI for execution.

The following is an example of the CLI command output for calling the tag quota query API.

```
{
  "quotas": [
    {
      "used": 0,
      "unit": "count",
      "quota_key": "predefine_tag",
      "quota_limit": 500
    }
  ]
}
```

2 CLI Command Reference

Querying Versions

API Name	Command	Description	Operation
Querying API Versions	hcloud TMS ListApiVersions	This API is used to query TMS API versions.	Go debug
Querying an API Version	hcloud TMS ShowApiVersion	This API is used to query details about a specified TMS API version.	Go debug

Predefined tag operation

API Name	Command	Description	Operation
Creating a Predefined Tag	hcloud TMS CreatePredefine-Tags	This API is used to create a predefined tag. Users can add predefined tags to resources. This API supports idempotency and batch processing.	Go debug
Querying Predefined Tags	hcloud TMS ListPredefineTags	This API is used to query predefined tags.	Go debug
Modifying a Predefined Tag	hcloud TMS UpdatePredefine-Tags	This API is used to modifying a predefined tag.	Go debug
Deleting a Predefined Tag	hcloud TMS DeletePredefine-Tags	This API is used to delete a predefined tag.	Go debug

Quota

API Name	Command	Description	Operation
Querying Quotas	hcloud TMS ShowTagQuota	Querying tag quotas	Go debug

Querying Services Supported by Tag Management

API Name	Command	Description	Operation
Querying Services Supported by Tag Management	hcloud TMS ListProviders	Querying Services Supported by Tag Management	Go debug

Resource Tags

API Name	Command	Description	Operation
Querying Resources by Tag	hcloud TMS ListResource	Use tags to filter instances	Go debug
Creating Tags in Batches	hcloud TMS CreateResourceTag	· The tag management service needs to use this API to manage tags of multiple instances of the cloud service and delete tags on resources.	Go debug
Deleting Tags in Batches	hcloud TMS DeleteResourceTag	· The tag management service needs to use this API to manage tags of multiple instances of the cloud service and createtags on resources.	Go debug
Querying Tag Keys	hcloud TMS ListTagKeys	This API is used to query all tag keys in a specified region.	Go debug
Querying Tag Values	hcloud TMS ListTagValues	This API is used to query all tag values by tag key in a specified region.	Go debug
Querying Resource Tags	hcloud TMS ShowResourceTag	Querying Resource Tags	Go debug

API Name	Command	Description	Operation
Querying the Tag List	hcloud TMS ListTags	This API is used to query all tags of a tenant with a specified region and instance type.	Go debug