

Cloud Phone Host

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 Cloud Phone Host (CPH) in API Explorer to manage and use your CPH 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 tool of the corresponding version based on the OS used by your machine.

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

Initializing KooCLI

When you use KooCLI to call APIs, your identity information is required for authentication. During KooCLI initialization, you can store your permanent AK/SK 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 information 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 information. For details, see [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 "Changing the Flavor of a Cloud Phone Server" API of CPH 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 [API Explorer](#) page of CPH, 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 "Changing the Flavor of a Cloud Phone Server" API.

```
hcloud CPH ChangeCloudPhoneServerModel --cli-region="cn-north-4" --  
server_model_name="physical.rx1.xlarge.special" --phone_model_name="rx1.cp.sp.c105.d8.e5v5" --  
server_id="a176d8625981453bbafbc0a321d8d6a1" --extend_param.is_auto_pay=1
```

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 "Changing the Flavor of a Cloud Phone Server" API.

```
{  
  "request_id" : "1564567b8bab40f34711234cb80d8574",  
  "order_id" : "CS1710111105S8IPB",  
  "product_id" : "00301-25217-0--0"  
}
```

2 CLI Command Reference

Cloud Phone Servers

API Name	Command	Description	Operation
Deleting a Shared Application	hcloud CPH DeleteShareApps	This API is used to delete a shared application from the storage directory of shared applications. This function is available only on cloud phones that support shared applications.	Go debug
Pushing Shared Applications	hcloud CPH PushShareApps	This API is used to push tar. files of applications to the shared storage space. This function is available only on cloud phone servers that support application sharing.	Go debug
Pushing Shared Storage Files	hcloud CPH PushShareFiles	This API is used to push files to the shared storage space. This function is available only on cloud phones that support storage sharing.	Go debug

API Name	Command	Description	Operation
Deleting a Shared Storage File	hcloud CPH DeleteShareFiles	This API is used to delete files from the shared storage directory. This function is available only on cloud phones that support shared storage.	Go debug
Querying Flavors of Cloud Phone Servers	hcloud CPH ListCloudPhoneServerModels	This API is used to query flavors of cloud phone servers.	Go debug
Querying Cloud Phone Servers	hcloud CPH ListCloudPhoneServers	This API is used to query cloud phone servers by page and list them by creation time in descending order. You can specify offset and limit . If no cloud phone server is found, an empty list will be returned.	Go debug
Querying the Details of a Cloud Phone Server	hcloud CPH ShowCloudPhoneServerDetail	This API is used to query the details of a cloud phone server based on the server ID.	Go debug
Modifying the Name of a Cloud Phone Server	hcloud CPH UpdateServerName	This API is to modify the name of a cloud phone server based on its ID.	Go debug
Restarting Cloud Phone Servers	hcloud CPH RestartCloudPhoneServer	This API is used to restart cloud phone servers.	Go debug

API Name	Command	Description	Operation
Changing the Flavor of a Cloud Phone Server	hcloud CPH ChangeCloudPhoneServerModel	This API is used to modify the flavor of a cloud phone server. After the API is successfully called, the flavor change will be completed in about 2 minutes. On the My Orders page of the management console, you can view that the order status is Successful . Also, if you query the server details on the My Orders page, you can see that the new flavor has been applied.	Go debug
Querying Shared Storage Files	hcloud CPH ListShareFiles	This API is used to query files in a specified path of shared storage. This function is supported only by cloud phones that support shared storage.	Go debug
[Creating](tag:fcs) [Purchasing] (tag:hws,hws_hk,c mcs,ctc) a Cloud Phone Server	hcloud CPH CreateNet2CloudPhoneServer	This API is used to purchase a cloud phone server. You can use existing VPCs to manage your cloud phone servers and reuse resources such as the shared bandwidth you have purchased.	Go debug

API Name	Command	Description	Operation
Changing the Cloud Phone Server for a Cloud Phone	hcloud CPH ChangeCloudPhoneServer	This API is used to switch to a new cloud phone server. After the switchover, the server name and server ID are the same as those of the original server, and the billing mode remains unchanged. When the server is switched, new mobile phones will be created on the new server, and the original user data will not be retained. The switchover requires additional resources and resource quotas.	Go debug
Creating a Cloud Phone BMS	hcloud CPH CreateCloudPhoneSingleServer	This API is only used to create a server with an image. To create a server containing cloud phones and phone images, call the API for creating a cloud phone server.	Go debug

Bandwidth

API Name	Command	Description	Operation
Querying Bandwidth Information	hcloud CPH ShowBandwidthDetail	This API is used to query the bandwidth used by a cloud phone. This API applies only to cloud phone servers that use system-defined networks.	Go debug

API Name	Command	Description	Operation
Modifying a Shared Bandwidth	hcloud CPH UpdateBandwidth	This API is used to modify the bandwidth used by a cloud phone. This API applies only to cloud phone servers that use system-defined networks.	Go debug

Cloud Phones

API Name	Command	Description	Operation
Querying the Image of a Cloud Phone	hcloud CPH ListCloudPhoneImages	This API is used to query available cloud phone images by project ID.	Go debug
Querying Cloud Phone Flavors	hcloud CPH ListCloudPhoneModels	This API is used to query cloud phone flavors.	Go debug
Querying Cloud Phones	hcloud CPH ListCloudPhones	This API is used to query cloud phones by page. The cloud phones are sorted by creation time in descending order. You can specify offset and limit . If no cloud phone is found, an empty list will be returned.	Go debug
Diverting Cloud Phone Traffic	hcloud CPH ImportTraffic	This API is used to modify the route of a cloud phone.	Go debug
Querying Cloud Phone Details	hcloud CPH ShowCloudPhoneDetail	This API is used to query cloud phone details.	Go debug
Editing the Name of a Cloud Phone	hcloud CPH UpdatePhoneName	This API is used to modify the cloud phone name based on the cloud phone ID.	Go debug

API Name	Command	Description	Operation
Resetting Cloud Phones	hcloud CPH ResetCloudPhone	Reset cloud phones in batches to restore them to factory settings. This API is an asynchronous API.	Go debug
Restarting Cloud Phones	hcloud CPH RestartCloudPhone	Restart cloud phones in batches or start cloud phones. This API is an asynchronous API.	Go debug
Restoring Data of Cloud Phones	hcloud CPH BatchImportCloudPhoneData	This asynchronous API is used to restore data to cloud phones in batches.	Go debug
Stopping Cloud Phones	hcloud CPH StopCloudPhone	This API is used to stop cloud phones.	Go debug
Exporting Data from Cloud Phones	hcloud CPH BatchExportCloudPhoneData	This asynchronous API is used to export data from cloud phones in batches.	Go debug
Updating Properties of Cloud Phones	hcloud CPH UpdateCloudPhoneProperty	Some cloud phone attributes can be updated. Some attributes cannot be updated, and some attributes take effect only after the phone is restarted. For details about attribute restrictions, see the cloud phone attribute list. If the cloud phone is in the abnormal state, the updated attributes take effect only after the cloud phone is restored to the running state. This API is an asynchronous API.	Go debug
Obtaining the Cloud Phone Access Information	hcloud CPH BatchShowPhoneConnectInfos	This API is used to obtain the cloud phone access information.	Go debug

API Name	Command	Description	Operation
Expanding the Data Disk of a Cloud Phone	hcloud CPH ExpandPhoneData VolumeSize	This API is used to expand data disks of a cloud phone.	Go debug

Tasks

API Name	Command	Description	Operation
Querying Task Statuses	hcloud CPH ListJobs	This API is used to query tasks with the same request ID.	Go debug
Querying the Status of a Task	hcloud CPH ShowJob	This API is used to query the status of a task.	Go debug

Keys

API Name	Command	Description	Operation
Updating a Key Pair	hcloud CPH UpdateKeypair	This API is used to update the key pair for connecting to the cloud phone.	Go debug

Encoding Services

API Name	Command	Description	Operation
Querying Encoding Services	hcloud CPH ListEncodeServers	This API is used to query encoding services.	Go debug
Restarting Encoding Services	hcloud CPH RestartEncodeServer	This API is used to restart encoding services.	Go debug

ADB Commands

API Name	Command	Description	Operation
Pushing Files	hcloud CPH PushFile	This asynchronous API is used to push a file to the cloud phone file system. The file is downloaded and decompressed by the system, and then the decompressed content is pushed to the root directory of the cloud phone. Only .tar files can be pushed. You need to upload the .tar files to your OBS bucket in advance.	Go debug
Installing an APK	hcloud CPH InstallApk	This asynchronous API is used to install APK files on cloud phones. The system downloads specified APK files and installs them on the cloud phones.	Go debug
Uninstalling an APK	hcloud CPH UninstallApk	Uninstalling the APK file from a cloud phone This API is an asynchronous API.	Go debug
Running adb Commands Asynchronously	hcloud CPH RunShellCommand	Run the shell command on a cloud phone. This API is an asynchronous API.	Go debug

API Name	Command	Description	Operation
Running adb Commands Synchronously	hcloud CPH RunSyncCommand	This API is only used to synchronously run ADB shell commands and return the command output on a cloud phone. Within one minute, you can call this API for up to 6 times. The timeout interval for a cloud phone to run a command is 2 seconds, and the API calling time does not exceed 30 seconds (excluding the 2-second timeout interval). A larger number of cloud phones indicates a longer API calling time in total.	Go debug

Tags

API Name	Command	Description	Operation
Querying Tags of a Project	hcloud CPH ListProjectTags	This API is used to query all tags of a resource type in a region.	Go debug
Querying Resource Tags	hcloud CPH ListResourceTags	This API is used to query all resource tags.	Go debug
Querying Resources	hcloud CPH ListResourceInstances	This API is used to query resources.	Go debug
Adding Tags	hcloud CPH BatchCreateTags	This API is used to add tags.	Go debug
Deleting Tags	hcloud CPH BatchDeleteTags	This API is used to delete tags.	Go debug

Images

API Name	Command	Description	Operation
Querying Custom Images	hcloud CPH ListImages	This API is used to query custom images.	Go debug
Deleting an Image	hcloud CPH DeletelImage	This API is used to delete a custom image.	Go debug
Sharing an Image with an Account in a Specified Project	hcloud CPH AddImageMember	This API is used to share an image with a specified account.	Go debug
Obtaining Projects that the Image Is Shared with	hcloud CPH ListImageMembers	This API is used to obtain projects that the image is shared with.	Go debug
Accepting or Rejecting Images Shared By Others	hcloud CPH UpdateImageMember	This API is used to accept or reject images shared by others. The rejected images cannot be used.	Go debug
Deleting a Shared Image	hcloud CPH DeletelImageMember	This API is used to delete a shared image.	Go debug