

AS CLI Reference

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Contents

1 Using KooCLI.....1

2 CLI Command Reference.....3

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 Auto Scaling (AS) in API Explorer to manage and use your AS 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 "Creating an AS Policy" API of AS 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 AS, 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 "Creating an AS Policy" API.

```
hcloud AS CreateScalingPolicy --cli-region="cn-north-4" --scaling_policy_type="SCHEDULED" --  
scaling_group_id="7aa55e8c-16c0-4297-a5a4-a7f71e23de94" --  
scheduled_policy.launch_time="2026-08-28T10:30Z" --scaling_policy_name="as-policy-0002"
```

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 "Creating an AS Policy" API.

```
{  
  "scaling_policy_id": "3f85dcfe-e3d8-44bb-8425-6c81c3d5542f"  
}
```

2 CLI Command Reference

Scaling Action Logs

API Name	Command	Description	Operation
Querying Scaling Action Logs	hcloud AS ListScalingActivityLogs	This API is used to query scaling action logs based on search criteria. The results are displayed by page. • Search criteria can be the start time, end time, start line number, and number of records. • If no search criteria are specified, a maximum of 20 scaling action logs can be queried by default.	Debug

API Name	Command	Description	Operation
Querying Scaling Action Logs (V2)	hcloud AS ListScalingActivityV2Logs	This API is used to query scaling action logs based on search criteria. The scaling actions include increasing or decreasing instances, load balancer migration, and setting instances to the standby mode. The results are displayed by page. • The difference between the V2 and V1 APIs for querying scaling action logs is that V2 displays more detailed action logs, such as load balancer migration logs and instance standby logs. • Search criteria can be the start time, end time, start line number, number of records, and scaling action type. • If no search criteria are specified, a maximum of 20 scaling action logs can be queried by default.	Debug

AS Policy Execution Logs

API Name	Command	Description	Operation
Querying AS Policy Execution Logs	hcloud AS ListScalingPolicyExecuteLogs	This API is used to query the historical records of AS policy execution based on search criteria. The results are displayed by page. • Search criteria can be the log ID, AS resource type, AS resource ID, policy execution type, start time, end time, start line number, and number of records. • If no search criteria are specified, a maximum of 20 AS policy execution logs can be queried by default.	Debug

API Version Query

API Name	Command	Description	Operation
Querying API Versions	hcloud AS ListApiVersions	This API is used to query all API versions of the AS service.	Debug
Querying an API Version	hcloud AS ShowApiVersion	This API is used to query a specified API version of the AS service.	Debug

Instances

API Name	Command	Description	Operation
Querying Instances in an AS Group	hcloud AS ListScalingInstances	This API is used to query instances in an AS group based on search criteria. The results are displayed by page. • Search criteria can be the instance lifecycle status in the AS group, instance health status, instance protection status, start line number, and number of records. • If no search criteria are specified, a maximum of 20 instances in an AS group can be queried by default.	Debug
Removing an Instance from an AS Group	hcloud AS DeleteScalingInstance	This API is used to remove a specified instance from an AS group. • You can remove instances only in INSERVICE state and only when the number of instances after the removal is no less than the minimum number of instances allowed. • You can remove instances from an AS group only when no scaling action is in progress.	Debug
Batch Adding Instances	hcloud AS BatchAddScalingInstances	This API is used to add instances to an AS group in a batch.	Debug

API Name	Command	Description	Operation
Batch Removing Instances	hcloud AS BatchRemoveScalingInstances	This API is used to remove instances from an AS group in a batch.	Debug
Batch Enabling Instance Protection	hcloud AS BatchProtectScalingInstances	This API is used to enable protection for instances in an AS group in a batch.	Debug
Batch Disabling Instance Protection	hcloud AS BatchUnprotectScalingInstances	This API is used to disable protection for instances in an AS group in a batch.	Debug
Batch Setting Instances to Standby	hcloud AS BatchSetScalingInstancesStandby	This API is used to set instances in an AS group to the standby mode in a batch.	Debug
Batch Canceling Standby Mode for Instances	hcloud AS BatchUnsetScalingInstancesStandby	This API is used to cancel the standby mode for instances in an AS group in a batch.	Debug

AS Policies

API Name	Command	Description	Operation
Creating an AS Policy	hcloud AS CreateScalingPolicy	This API is used to create an AS policy. • An AS policy defines whether to increase or decrease the number of instances in an AS group. If the number and the expected number of instances in an AS group are different due to the execution of the AS policy, AS automatically adjusts the number of instances to the expected. • AS supports the following policies: alarm-triggered policy, periodic policy, and scheduled policy. • In an AS policy, you can set the number of instances to be scaled or configure a scaling action based on a specified percentage.	Debug
Querying Details About an AS Policy	hcloud AS ShowScalingPolicy	This API is used to query details about a specified AS policy.	Debug
Modifying an AS Policy	hcloud AS UpdateScalingPolicy	This API is used to modify a specified AS policy.	Debug
Deleting an AS Policy	hcloud AS DeleteScalingPolicy	This API is used to delete a specified AS policy.	Debug

API Name	Command	Description	Operation
Querying AS Policies	hcloud AS ListScalingPolicies	This API is used to query AS policies based on search criteria. The results are displayed by page. Search criteria can be the AS policy name, policy type, policy ID, start line number, and number of records. If no search criteria are specified, a maximum of 20 AS policies for a specified AS group can be queried for a tenant by default.	Debug
Batch Deleting AS Policies	hcloud AS BatchDeleteScalingPolicies	This API is used to delete AS policies in a batch. A maximum of 20 AS policies can be deleted in a batch at a time.	Debug
Batch Disabling AS Policies	hcloud AS BatchPauseScalingPolicies	This API is used to disable AS policies in a batch. A maximum of 20 AS policies can be disabled in a batch at a time.	Debug
Batch Enabling AS Policies	hcloud AS BatchResumeScalingPolicies	This API is used to enable AS policies in a batch. A maximum of 20 AS policies can be enabled in a batch at a time.	Debug
Executing an AS Policy	hcloud AS ExecuteScalingPolicy	This API is used to execute a specified AS policy immediately. An AS policy can be executed only when the AS group and AS policy are in the INSERVICE state. Otherwise, the execution fails.	Debug

API Name	Command	Description	Operation
Enabling an AS Policy	hcloud AS ResumeScalingPolicy	This API is used to enable a specified AS policy immediately. An AS policy can be executed only when the AS group and AS policy are in the INSERVICE state. Otherwise, the execution fails.	Debug
Disabling an AS Policy	hcloud AS PauseScalingPolicy	This API is used to disable a specified AS policy immediately. An AS policy can be executed only when the AS group and AS policy are in the INSERVICE state. Otherwise, the execution fails.	Debug

AS Policies (V2)

API Name	Command	Description	Operation
Querying All AS Policies (V2)	hcloud AS ListAllScalingV2Policies	This API is used to query all AS policies for a tenant based on search criteria. The results are displayed by page. Search criteria can be the AS resource ID, AS resource type, AS policy name, AS policy ID, alarm ID, enterprise project ID, start line number, number of records, and sorting method. If no search criteria are specified, a maximum of 20 AS policies can be queried for a tenant by default.	Debug

API Name	Command	Description	Operation
Creating an AS Policy (V2)	hcloud AS CreateScalingV2Policy	This API is used to create an AS policy for an AS group or bandwidth. The difference between the V2 and V1 APIs for creating an AS policy is that V2 supports creating an AS policy for adjusting bandwidth and differentiating scaling resources by their types.	Debug
Querying Details About an AS Policy (V2)	hcloud AS ShowScalingV2Policy	This API is used to query details about a specified AS policy.	Debug
Modifying an AS Policy (V2)	hcloud AS UpdateScalingV2Policy	This API is used to modify a specified AS policy. The difference between the V2 and V1 APIs for modifying an AS policy is that V2 supports modifying a scaling resource type.	Debug
Querying AS Policies (V2)	hcloud AS ListScalingV2Policies	This API is used to query AS policies based on search criteria. The results are displayed by page. The difference between the V2 and V1 APIs for querying AS policies is that V2 contains scaling resource types in response messages. Search criteria can be the AS policy name, policy type, policy ID, start line number, and number of records. If no search criteria are specified, a maximum of 20 AS policies for specified resources can be queried for a tenant by default.	Debug

AS Groups

API Name	Command	Description	Operation
Querying AS Groups	hcloud AS ListScalingGroups	This API is used to query AS groups based on search criteria. The results are displayed by page. Search criteria can be the AS group name, AS configuration ID, AS group status, enterprise project ID, start line number, and number of records. If no search criteria are specified, a maximum of 20 AS groups can be queried by default.	Debug
Creating an AS Group	hcloud AS CreateScalingGroup	An AS group is a collection of instances that are used in the same scenario. It is the basis for enabling or disabling AS policies and performing scaling actions. An AS group specifies parameters, such as the maximum number of instances, expected number of instances, minimum number of instances, VPC, subnet, and load balance settings. By default, a maximum of 10 AS groups can be created.	Debug
Querying Details About an AS Group	hcloud AS ShowScalingGroup	This API is used to query details about a specified AS group.	Debug

API Name	Command	Description	Operation
Modifying an AS Group	hcloud AS UpdateScalingGroup	This API is used to modify a specified AS group. • When the AS configuration of an AS group is changed, the existing instances created using the original AS configuration are not affected. • If no scaling action is being performed, you can modify its subnet, AZ, and ELB. • Changing the number of expected instances in an AS group will trigger a scaling action to add or remove instances to or from the AS group. The number of expected instances must be greater than or equal to the minimum number of instances and less than or equal to the maximum number of instances.	Debug
Deleting an AS Group	hcloud AS DeleteScalingGroup	This API is used to delete a specified AS group.	Debug
Enabling an AS Group	hcloud AS ResumeScalingGroup	This API is used to enable a specified AS group.	Debug

API Name	Command	Description	Operation
Disabling an AS Group	hcloud AS PauseScalingGroup	This API is used to disable a specified AS group. For a disabled AS group, AS does not automatically trigger any scaling actions. When an AS group has an in-progress scaling action, the scaling action does not stop immediately after the AS group is disabled.	Debug
Querying Details About a Warm Pool	hcloud AS ShowWarmPool	This API is used to query details about a warm pool.	Debug
Enabling a Warm Pool	hcloud AS PutWarmPool	This API is used to enable and configure a warm pool.	Debug
Disabling a Warm Pool	hcloud AS CloseWarmPool	This API is used to disable the warm pool of an AS group.	Debug
Querying Instances in a Warm Pool	hcloud AS ListWarmPoolInstances	This API is used to query instances in a warm pool.	Debug
Querying Details About a Warm Pool (V2)	hcloud AS ShowWarmPoolNew	This API is used to query details about a warm pool.	Debug
Enabling a Warm Pool (V2)	hcloud AS PutWarmPoolNew	This API is used to enable and configure a warm pool.	Debug
Disabling a Warm Pool (V2)	hcloud AS CloseWarmPoolNew	This API is used to disable the warm pool of an AS group.	Debug
Querying Instances in a Warm Pool (V2)	hcloud AS ListWarmPoolInstancesNew	This API is used to query instances in a warm pool.	Debug

AS Configurations

API Name	Command	Description	Operation
Querying AS Configurations	hcloud AS ListScalingConfigs	This API is used to query AS configurations based on search criteria. The results are displayed by page. • Search criteria can be the AS configuration name, image ID, start line number, and number of records. • If no search criteria are specified, a maximum of 20 AS configurations can be queried for a tenant by default.	Debug
Creating an AS Configuration	hcloud AS CreateScalingConfig	This API is used to create an AS configuration. An AS configuration is an ECS template in the AS group, specifying specifications of the ECS to be added. The AS configuration is decoupled from the AS group. An AS configuration can be used by multiple AS groups. By default, a maximum of 100 AS configurations can be created.	Debug
Querying Details About an AS Configuration	hcloud AS ShowScalingConfig	This API is used to query details about an AS configuration based on the AS configuration ID.	Debug
Modifying an AS Configuration	hcloud AS UpdateScalingConfig	This API is used to modify an AS configuration.	Debug

API Name	Command	Description	Operation
Deleting an AS Configuration	hcloud AS DeleteScalingCon-fig	This API is used to delete a specified AS configuration.	Debug
Batch Deleting AS Configurations	hcloud AS BatchDeleteScalin-gConfigs	This API is used to delete AS configurations in a batch. AS configurations used by AS groups cannot be deleted. A maximum of 50 AS configurations can be deleted at a time.	Debug

Tags

API Name	Command	Description	Operation
Querying Tags	hcloud AS ListScalingTagIn-fosByTenantId	This API is used to query tags of a specific type of resource in a project.	Debug
Querying Tags of a Resource	hcloud AS ListScalingTagIn-fosByResourceId	This API is used to query tags of a specified resource in a project.	Debug
Querying Resources by Tag	hcloud AS ListResourceInstan-ces	This API is used to query resources in a project by tag. By default, resources and resource tags are in descending order of their creation time.	Debug
Creating a Tag	hcloud AS CreateScalingTa-gInfo	This API is used to create a tag for a specified resource.	Debug
Deleting a Tag	hcloud AS DeleteScalingTa-gInfo	This API is used to delete a tag from a specified resource.	Debug

Lifecycle Hooks

API Name	Command	Description	Operation
Creating a Lifecycle Hook	hcloud AS CreateLifyCycle-Hook	This API is used to create a lifecycle hook. You can add one or more lifecycle hooks to an AS group. A maximum of five lifecycle hooks can be added. - After a lifecycle hook is added to an AS group, when the AS group performs a scaling action, the lifecycle hook suspends the target instance and sets it to be in Wait (Adding to AS group) or Wait (Removing from AS group) status. This status retains until the timeout duration expires or you manually call back this status. - During the instance waiting duration, you can perform customized operations. For example, you can install or configure software on a newly started instance, or download the log file from the instance before the instance terminates.	Debug
Querying Lifecycle Hooks	hcloud AS ListLifeCycleHooks	This API is used to query lifecycle hooks by AS group ID.	Debug

API Name	Command	Description	Operation
Querying Details About a Lifecycle Hook	hcloud AS ShowLifecycleHook	This API is used to query details about a specified lifecycle hook by AS group ID and lifecycle hook name.	Debug
Modifying a Lifecycle Hook	hcloud AS UpdateLifecycleHook	This API is used to modify a specified lifecycle hook.	Debug
Deleting a Lifecycle Hook	hcloud AS DeleteLifecycleHook	This API is used to delete a specified lifecycle hook. When a scaling action is being performed in an AS group, the lifecycle hooks of the AS group cannot be deleted.	Debug

API Name	Command	Description	Operation
Calling Back a Lifecycle Hook	hcloud AS AttachCallbackInstanceLifecycleHook	This API is used to call back the lifecycle hook specified by a scaling instance based on the lifecycle action key or based on the instance ID and lifecycle hook name. • If you have completed custom operations before the timeout duration expires, you can terminate or continue the lifecycle operations. • If you require more time to complete your custom operations, extend the timeout duration to enable the instance to remain in a wait state for an additional hour. • The callback operation can be performed only when the lifecycle hook of the target instance is in HANGING state.	Debug

API Name	Command	Description	Operation
Querying Instance Suspension	hcloud AS ListHookInstances	After a lifecycle hook is added, when an AS group performs a scaling action, the lifecycle hook suspends the target instance and sets it to be in waiting state. You can query the instance suspension based on search criteria. • Search instance suspension by instance ID. • If no search criteria are specified, the suspension about all instances in the specified AS group is queried by default.	Debug

Scheduled Tasks

API Name	Command	Description	Operation
Querying Scheduled Tasks	hcloud AS ListGroupScheduledTasks	This API is used to query scheduled tasks.	Debug
Creating a Scheduled Task	hcloud AS CreateGroupScheduledTask	This API is used to create a scheduled task.	Debug
Updating a Scheduled Task	hcloud AS UpdateGroupScheduledTask	This API is used to update a scheduled task.	Debug
Deleting a Scheduled Task	hcloud AS DeleteGroupScheduledTask	This API is used to delete a scheduled task.	Debug

Notifications

API Name	Command	Description	Operation
Querying Notifications of an AS Group	hcloud AS ListScalingNotifi-cations	This API is used to query notifications of an AS group by group ID.	Debug
Configuring a Notification for an AS Group	hcloud AS CreateScalingNo-tification	This API is used to configure a notification for an AS group. Each time this API is called, the AS group adds a notification topic and scenario. A maximum of five topics can be added for each AS group. The notification topic is pre-configured and subscribed by you in SMN. When the live network complies with the notification scenario that matches the notification topic, the AS group sends a notification to your subscription endpoints.	Debug
Deleting a Notification from an AS Group	hcloud AS DeleteScalingNo-tification	This API is used to delete a notification from a specified AS group.	Debug

Quotas

API Name	Command	Description	Operation
Querying Quotas	hcloud AS ShowResourceQuota	This API is used to query the total quotas and used quotas of AS groups, AS configurations, bandwidth scaling policies, AS policies, and instances for a specified tenant.	Debug

API Name	Command	Description	Operation
Querying AS Policy and Instance Quotas	hcloud AS ShowPolicyAndInstanceQuota	This API is used to query the total quotas and used quotas of AS policies and instances of a specified AS group by group ID.	Debug