

CLI Reference

Issue	01
Date	2026-10-09



Copyright © Huawei Technologies Co., Ltd. 2026. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

Trademarks and Permissions



HUAWEI and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base
Bantian, Longgang
Shenzhen 518129
People's Republic of China

Website: <https://www.huawei.com>

Email: support@huawei.com

Security Declaration

Vulnerability

Huawei's regulations on product vulnerability management are subject to the *Vul. Response Process*. For details about this process, visit the following web page:

<https://www.huawei.com/en/psirt/vul-response-process>

For vulnerability information, enterprise customers can visit the following web page:

<https://securitybulletin.huawei.com/enterprise/en/security-advisory>

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 BSS in API Explorer to manage and use your BSS 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 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 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 metric query API of BSS 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. In [API Explorer](#), select **Customer Operation Capabilities** from the cloud service drop-down list, and then choose **Managing Products (Public) > ListServiceTypes** from the API list.
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 metric query API.

```
hcloud BSSINTL ListServiceTypes --cli-region="ap-southeast-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 metric query API.

```
{
  "total_count": 890,
  "service_types": [
    {
      "service_type_name": "5G**",
      "service_type_code": "hws.service.type.**",
      "abbreviation": "Message**"
    }
  ]
}
```

2 CLI Command Reference

Product Management

API Name	Command	Description	Operation
Querying Cloud Service Types	hcloud BSS ListServiceTypes	This API is used to query cloud service types on the partner sales platform.	Debug
Querying Resource Types	hcloud BSS ListResourceTypes	This API is used to query the resource types on the partner sales platform.	Debug
Querying Resources by Cloud Service Type	hcloud BSS ListServiceResources	This API is used to query the resource type code and name by associated cloud service on the partner sales platform and to query the price of a pay-per-use or yearly/monthly product.	Debug
Querying Usage Types	hcloud BSS ListUsageTypes	This API is used to query resource usage types on the partner sales platform.	Debug
Querying Measurement Units	hcloud BSS ListMeasureUnits	This API is used to query the resource usage, measurement unit for the duration and amount of a yearly/monthly resource, as well as the measurement unit type on the partner sales platform.	Debug
Querying the Measurement Unit Number System	hcloud BSS ListConversions	This API is used to query the measurement unit number system on the partner sales platform.	Debug

API Name	Command	Description	Operation
Querying Resource Specifications of a Cloud Service Type	hcloud BSS ListResourceSpecs	This API is used to query resource specifications of a cloud service type on the partner sales platform.	Debug
Querying the Price of a Pay-per-Use Product	hcloud BSS ListOnDemandResourceRatings	This API is used to query the price of a pay-per-use product by criteria on the partner sales platform.	Debug
Querying Prices of Yearly/Monthly Products	hcloud BSS ListRateOnPeriod-Detail	This API is used to query prices of yearly/monthly products for new subscriptions on the partner sales platform.	Debug
Querying the Renewal Price of a Yearly/Monthly Resource	hcloud BSS ListRenewRateOn-Period	This API is used to query the renewal price of a yearly/monthly resource by criteria on the partner sales platform.	Debug

Customer Management

API Name	Command	Description	Operation
Verifying Customer Registration Information	hcloud BSS CheckUserIdentity	This API is used to check whether the account name and mobile number or email address entered by the customer can be used for registration.	Debug
Sending a Verification Code	hcloud BSS SendVerification-MessageCode	This API is used to send a verification code to the email address entered during registration.	Debug

API Name	Command	Description	Operation
Creating a Customer	hcloud BSS CreateSubCustomer	This API is used to create a Huawei Cloud account for a customer when the customer creates an account on the partner sales platform, and bind the customer account to the Huawei Cloud account. In addition, the Huawei Cloud account is bound to the partner account.	Debug
Requesting an Individual Real-Name Authentication	hcloud BSS CreatePersonalRealnameAuth	This API is used to submit an individual real-name authentication application.	Debug
Requesting an Enterprise Real-Name Authentication	hcloud BSS CreateEnterpriseRealnameAuthentication	This API is used to submit an enterprise real-name authentication application.	Debug
Requesting a Real-Name Authentication Change	hcloud BSS ChangeEnterpriseRealnameAuthentication	This API is used to submit a real-name authentication change application.	Debug
Querying the Real-Name Authentication Review Result	hcloud BSS ShowRealnameAuthenticationReviewResult	If the response to a real-name authentication application or real-name authentication change application indicates that manual review is required, this API can be used to query the review result.	Debug
Querying Customers	hcloud BSS ListSubCustomers	This API is used to query your customers.	Debug
Freezing a Customer Account	hcloud BSS FreezeSubCustomers	This API is used to freeze an account of a customer associated in the Reseller model.	Debug

API Name	Command	Description	Operation
Unfreezing a Customer Account	hcloud BSS UnfreezeSubCustomers	This API is used to unfreeze an account of a customer associated in the Reseller model.	Debug

Reseller Management

API Name	Command	Description	Operation
Querying Resellers	hcloud BSS ListIndirectPartners	A Huawei Cloud distributor can query the list of its associated Huawei Cloud resellers.	Debug

Credit Management

API Name	Command	Description	Operation
Querying Consumption Quota	hcloud BSS ShowPartnerConsumptionQuota	This API is used to query the consumption quota.	Debug

Transaction Management

API Name	Command	Description	Operation
Querying the Budget of a Customer	hcloud BSS ShowSubCustomerBudget	This API is used to query the budget of a customer to determine whether to adjust the budget.	Debug
Batch Querying Customer Budgets	hcloud BSS ListSubCustomer-Budget	This API is used to batch query budgets of multiple customers to decide whether to adjust budgets for customers based on the query results.	Debug
Setting a Customer Budget	hcloud BSS UpdateSubCustomerBudget	This API is used to set or adjust a customer's budget.	Debug

API Name	Command	Description	Operation
Querying Customer Budget Adjustment Records	hcloud BSS ListSubCustomer-BudgetRecords	This API is used to query customer budget adjustment records.	Debug
Querying Coupons	hcloud BSS ListSubCustomer-Coupons	This API is used to query partners' coupon information.	Debug
Querying Orders	hcloud BSS ListCustomerOrders	After a customer purchases yearly/monthly resources, it can query the orders in different statuses, such as in the pending approval, processing, canceled, completed, and pending payment statuses.	Debug
Querying Order Details	hcloud BSS ShowCustomerOrderDetails	This API is used to view order details on the partner sales platform.	Debug
Paying Yearly/Monthly Product Orders	hcloud BSS PayOrders	This API is used to pay yearly/monthly product orders in the pending payment status.	Debug
Canceling Orders in the Pending Payment Status	hcloud BSS CancelCustomerOrder	This API is used to cancel orders in the pending payment status.	Debug
Querying Refunds for Orders	hcloud BSS ShowRefundOrderDetails	A partner can query the resource type and order of the refund amount of an unsubscription or specification downgrade order on the partner sales platform.	Debug
Querying Yearly/Monthly Resources	hcloud BSS ListPayPerUseCustomerResources	This API is used to query one or all yearly/monthly resources on the partner sales platform.	Debug

API Name	Command	Description	Operation
Renewing Subscription to Yearly/Monthly Resources	hcloud BSS RenewalResources	This API is used to renew subscription to yearly/monthly resources on the self-built platform. This API is used to renew subscription to yearly/monthly resources on the partner sales platform.	Debug
Unsubscribing from Yearly/Monthly Resources	hcloud BSS CancelResources-Subscription	If a customer has subscribed to a yearly/monthly resource, the customer can use this API to unsubscribe from the resource, including the renewed part and currently used part. The customer cannot use the resources after unsubscription.	Debug
Enabling Automatic Renewal for Yearly/Monthly Resources	hcloud BSS AutoRenewalResources	This API is used to enable automatic renewal for long-term yearly/monthly resources to prevent the resources from being deleted when they are expired.	Debug
Disabling Automatic Renewal for Yearly/Monthly Resources	hcloud BSS CancelAutoRenewalResources	A customer can disable automatic subscription renewal when needed. After disabling this function, the customer needs to manually renew the subscription to the resources before they expire.	Debug

API Name	Command	Description	Operation
Enabling/ Canceling the Change from Yearly/Monthly to Pay-per-Use upon Expiration	hcloud BSS UpdatePeriodToOnDemand	A customer can change the billing mode of resources from yearly/monthly to pay-per-use after the resources expire. The pay-per-use mode takes effect upon a yearly/monthly expiration.	Debug
Querying Resource Packages	hcloud BSS ListFreeResourceInfos	This API is used to query resource packages on the partner sales platform.	Debug
Querying Resource Package Usage	hcloud BSS ListFreeResourceUsages	This API is used to query the resource package usage by resource on the partner sales platform.	Debug
Querying Details of Resource Usage	hcloud BSS ListFreeResourceUsageRecords	This API is used to query the resource package usage details on the partner sales platform.	Debug
Querying Customer's Pay- Per-Use Resources	hcloud BSS ListCustomerOnDemandResources	A partner can query the pay-per-use resources that have been provisioned for customers associated with the partner in the Reseller model.	Debug

Bill Management

API Name	Command	Description	Operation
Querying Monthly Bills	hcloud BSS ListPostpaidBillSum	This API is used to query monthly bills that cover amount due, expenditures, refunds, and adjustments.	Debug

Invoice Management

API Name	Command	Description	Operation
Querying Invoices	hcloud BSS ListInvoices	This API is used to query the invoice list.	Debug