

TaurusDB CLI Reference

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1 Using KooCLI

Huawei Cloud Koo Command Line Interface (KooCLI), previously named "HCloud CLI", is designed to manage Huawei Cloud service APIs released on [API Explorer](#). You can use this tool to call the APIs of TaurusDB in API Explorer to manage and use your TaurusDB 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 TaurusDB API for querying version information about a DB engine 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 TaurusDB, 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 API for querying version information about a DB engine.

```
hcloud GaussDB ShowGaussMySqlEngineVersion --cli-region="af-north-1" --  
database_name="gaussdb-mysql"
```

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 API for querying version information about a DB engine.

```
{  
  "datastores": [  
    {  
      "id": "64fce5ee-f59a-3c01-b99a-38c634a1ef45",  
      "name": "8.0",  
      "kernel_version": "2.0.72.251200",  
      "version": "8.0.22"  
    }  
  ]  
}
```

2 CLI Command Reference

DB Engine Version Queries

API Name	Command	Description	Operation
Querying Version Information About a DB Engine	hcloud GaussDB ShowGaussMySql EngineVersion	This API is used to query the version of a specified DB engine.	Go debug

DB Specifications Queries

API Name	Command	Description	Operation
Querying Database Specifications	hcloud GaussDB ShowGaussMySql Flavors	This API is used to query the specifications of a specified DB engine version.	Go debug

Instance Management

API Name	Command	Description	Operation
Configuring a Recycling Policy	hcloud GaussDB SetRecyclePolicy	This API is used to configure a recycling policy.	Go debug
Querying a Recycling Policy	hcloud GaussDB ShowRecyclePolicy	This API is used to query a recycling policy.	Go debug
Querying Instances in the Recycle Bin	hcloud GaussDB ListRecycleInstances	This API is used to query instances in the recycle bin.	Go debug

API Name	Command	Description	Operation
Changing Node Names in Batches	hcloud GaussDB RenameInstanceNode	This API is used to change node names in batches.	Go debug
Querying Historical Records of Auto Scaling	hcloud GaussDB ShowAutoScalingHistory	This API is used to query historical records of auto scaling.	Go debug
Setting a Policy for a Serverless DB Instance	hcloud GaussDB UpdateServerlessPolicy	This API is used to set a policy for a serverless instance.	Go debug
Querying a Serverless Compute Policy	hcloud GaussDB ShowServerlessComputeAbilityPolicy	This API is used to query a serverless compute policy.	Go debug
Querying a Dynamic Serverless Compute Policy	hcloud GaussDB ShowDynamicServerlessPolicy	This API is used to query the dynamic serverless compute policy of an instance.	Go debug
Configuring a Dynamic Serverless Compute Policy	hcloud GaussDB UpdateDynamicServerlessPolicy	This API is used to configure a dynamic serverless compute policy for an instance.	Go debug
Deleting a Dynamic Serverless Compute Policy	hcloud GaussDB DeleteDynamicServerlessPolicy	This API is used to delete the dynamic serverless compute policy of an instance to disable dynamic serverless.	Go debug
Changing the Failover Priority of a Read Replica	hcloud GaussDB ModifyNodePriority	This API is used to change the failover priority of a read replica.	Go debug
Querying an EIP	hcloud GaussDB ShowInstanceEip	This API is used to query an EIP.	Go debug
Creating an Instance	hcloud GaussDB CreateGaussMySQLInstance	This API is used to create a TaurusDB instance.	Go debug
Querying All Instances	hcloud GaussDB ListGaussMySQLInstances	This API is used to query a DB instance list according to search criteria.	Go debug

API Name	Command	Description	Operation
Batch Changing Instance Specifications	hcloud GaussDB BatchChangeInstanceSpecification	This API is used to change instance specifications in batches.	Go debug
Rebooting a DB instance	hcloud GaussDB RestartGaussMySQLInstance	This API is used to reboot a DB instance.	Go debug
Deleting or Unsubscribing from a DB Instance	hcloud GaussDB DeleteGaussMySQLInstance	This API is used to delete or unsubscribe from a DB instance.	Go debug
Querying Instance Details	hcloud GaussDB ShowGaussMySQLInstanceInfo	This API is used to query instance details.	Go debug
Querying Instance Details in Batches	hcloud GaussDB ListGaussMySQLInstanceDetailInfo	This API is used to query details of instances in batches.	Go debug
Creating a Read Replica	hcloud GaussDB CreateGaussMySQLReadOnlyNode	This API is used to create a read replica.	Go debug
Deleting or Unsubscribing from a Read Replica	hcloud GaussDB DeleteGaussMySQLReadOnlyNode	This API is used to delete or unsubscribe from a read replica. For multi-AZ deployment, the primary node and remaining read replicas must be located in different AZs after read replicas are deleted or unsubscribed from.	Go debug
Scaling Up Storage of a Yearly/Monthly Instance	hcloud GaussDB ExpandGaussMySQLInstanceVolume	This API is used to scale up storage of a yearly/monthly instance.	Go debug
Changing a DB Instance Name	hcloud GaussDB UpdateGaussMySQLInstanceName	This API is used to change a DB instance name.	Go debug
Resetting a Database Password	hcloud GaussDB ResetGaussMySQLPassword	This API is used to reset a database password.	Go debug

API Name	Command	Description	Operation
Changing Instance Specifications	hcloud GaussDB ChangeGaussMySQLInstanceSpecification	This API is used to change DB instance specifications.	Go debug
Querying Dedicated Resource Pools	hcloud GaussDB ListGaussMySQLDedicatedResources	This API is used to obtain the dedicated resource pool list, which includes information about all dedicated resource pools you create.	Go debug
Querying Dedicated Resources	hcloud GaussDB ShowDedicatedResourceInfo	This API is used to query dedicated resources.	Go debug
Setting Second-Level Monitoring for an Instance	hcloud GaussDB UpdateInstanceMonitor	Set second-level monitoring for instances, including 1-second monitoring and 5-second monitoring.	Go debug
Querying Second-Level Monitoring of an Instance	hcloud GaussDB ShowInstanceMonitorExtend	This API is used to query second-level monitoring information about an instance.	Go debug
Rebooting a Node	hcloud GaussDB RestartGaussMySQLNode	This API is used to reboot a node.	Go debug
Upgrading the Kernel Version of a DB Instance	hcloud GaussDB UpgradeGaussMySQLInstanceDatabase	This API is used to upgrade the kernel version of a DB instance.	Go debug
Enabling or Disabling SSL	hcloud GaussDB SwitchGaussMySQLInstanceSsl	This API is used to configure SSL to encrypt connections.	Go debug
Binding an EIP	hcloud GaussDB UpdateGaussMySQLInstanceEip	This API is used to bind an EIP to a DB instance.	Go debug
Unbinding an EIP	hcloud GaussDB CancelGaussMySQLInstanceEip	This API is used to unbind an EIP from a DB Instance.	Go debug

API Name	Command	Description	Operation
Promoting a Read Replica to Primary	hcloud GaussDB InvokeGaussMySqlInstanceSwitch-Over	This API is used to promote a read replica to the primary node.	Go debug
Configuring the Maintenance Window	hcloud GaussDB UpdateGaussMySqlInstanceOpsWindow	This API is used to configure the maintenance window. To prevent service interruption, you are advised to set the maintenance window to off-peak hours.	Go debug
Querying Whether an Instance Has Scheduled Tasks of the Same Type	hcloud GaussDB CheckScheduleTaskExist	This API is used to check whether an instance has any scheduled tasks of the same type in the task center.	Go debug
Modifying a Security Group	hcloud GaussDB UpdateGaussMySqlInstanceSecurityGroup	This API is used to modify the security group of a specified DB instance.	Go debug
Changing a Private IP Address	hcloud GaussDB UpdateGaussMySqlInstanceInternalIp	This API is used to change the private IP address of a DB instance.	Go debug
Changing a Database Port	hcloud GaussDB UpdateGaussMySqlInstancePort	This API is used to change the database port of a DB instance.	Go debug
Changing the Description of a DB Instance	hcloud GaussDB UpdateGaussMySqlInstanceAlias	This API is used to change instance description.	Go debug
Apply for a Private Domain Name	hcloud GaussDB CreateGaussMysqlDns	This API is used to apply for a private domain name.	Go debug
Changing a Private Domain Name	hcloud GaussDB ModifyGaussMysqlDns	This API is used to change a private domain name.	Go debug
Querying the Kernel Version	hcloud GaussDB ShowInstanceDatabaseVersion	This API is used to query the kernel version of an instance.	Go debug

API Name	Command	Description	Operation
Configuring an Auto Scaling Policy	hcloud GaussDB UpdateAutoScalingPolicy	This API is used to configure an auto scaling policy.	Go debug
Querying an Auto Scaling Policy	hcloud GaussDB ShowAutoScalingPolicy	This API is used to query an auto scaling policy.	Go debug
Pre-checking Resources	hcloud GaussDB CheckResource	This API is used to pre-check resources.	Go debug
Querying Instances	hcloud GaussDB ListGaussMySQLInstancesUnifyStatus	This API is used to query instances based on specified criteria.	Go debug
Querying Details of an Instance	hcloud GaussDB ShowGaussMySQLInstanceInfoUnifyStatus	This API is used to query details of an instance.	Go debug
Querying Details of Instances in Batches	hcloud GaussDB ListGaussMySQLInstanceDetailInfoUnifyStatus	This API is used to query details of instances in batches.	Go debug
Querying a Storage Autoscaling Policy	hcloud GaussDB ShowAutoExpandPolicy	This API is used to query a storage autoscaling policy.	Go debug
Modifying a Storage Autoscaling Policy	hcloud GaussDB ModifyAutoExpandPolicy	This API is used to modify a storage autoscaling policy.	Go debug
Querying Proxy Instance Specifications by AZ Code	hcloud GaussDB ShowProxyFlavorsByAzCode	This API is used to query proxy instance specifications by AZ code.	Go debug
Querying Table Information of an Instance	hcloud GaussDB ShowTableMetaInfo	This API is used to query table information of an instance.	Go debug
Upgrading Minor Versions of Instances in Batches	hcloud GaussDB BatchUpgradeDatabases	This API is used to upgrade minor versions of instances in batches.	Go debug
Applying for a Private Domain Name for a Proxy Instance	hcloud GaussDB CreateProxyDnsName	This API is used to apply for a private domain name for a proxy instance.	Go debug

API Name	Command	Description	Operation
Configuring a Serverless Compute Policy	hcloud GaussDB UpdateServerlessComputeAbilityPolicy	This API is used to configure a serverless compute policy.	Go debug
Querying Custom Scale-Up Policies of a Serverless Instance	hcloud GaussDB ShowServerlessScalingPolicy	This API is used to query custom scale-up policies of a serverless instance.	Go debug
Configuring Custom Scale-Up Policies for a Serverless Instance	hcloud GaussDB UpdateServerlessScalingPolicy	This API is used to configure custom scale-up policies for a serverless instance.	Go debug
Performing an Instance Upgrade Pre-check	hcloud GaussDB CheckKernelUpgrade	This API is used to perform an instance upgrade pre-check.	Go debug
Setting/Canceling the Read-only Status of an Instance	hcloud GaussDB SetInstanceReadOnlyStatus	This API is used to set an instance to read-only or cancel the read-only status of an instance.	Go debug
Querying the Instance Upgrade Pre-check Result	hcloud GaussDB ShowKernelUpgradeCheckResult	This API is used to query the instance upgrade pre-check result.	Go debug

Backup Management

API Name	Command	Description	Operation
Configuring a Backup Policy	hcloud GaussDB UpdateGaussMySQLBackupPolicy	This API is used to configure an automated backup policy.	Go debug
Creating a Manual Backup	hcloud GaussDB CreateGaussMySQLBackup	This API is used to create a manual backup.	Go debug
Querying Full Backups	hcloud GaussDB ShowGaussMySQLBackupList	This API is used to query full backups.	Go debug
Deleting Manual Backups in Batches	hcloud GaussDB BatchDeleteBackup	This API is used to delete manual backups in batches.	Go debug

API Name	Command	Description	Operation
Querying an Automated Backup Policy	hcloud GaussDB ShowGaussMySql BackupPolicy	This API is used to query an automated backup policy.	Go debug
Deleting a Manual Backup	hcloud GaussDB DeleteGaussMySql Backup	This API is used to delete a manual backup.	Go debug
Creating a Backup Resource Package	hcloud GaussDB CreateBackupResourcePackage	This API is used to purchase a yearly/monthly backup resource package.	Go debug
Querying Backup Resource Package Specifications	hcloud GaussDB ShowBackupResourcePackageFlavors	The API is used to query available specifications for a yearly/monthly backup resource package.	Go debug
Restoring a Backup to the Original or Existing DB Instance	hcloud GaussDB RestoreOldInstance	This API is used to restore a backup to the original DB instance or an existing DB instance.	Go debug
Querying the Restoration Time Range	hcloud GaussDB ShowBackupRestoreTime	This API is used to query the recovery time period of a DB instance.	Go debug
Querying Backup Compliance Lock Configurations	hcloud GaussDB ShowBackupVault Lock	This API is used to query backup compliance lock configurations.	Go debug
Enabling or Extending the Backup Compliance Lock	hcloud GaussDB ModifyBackupVaultLock	This API is used to enable or extend the backup compliance lock for an instance.	Go debug
Enabling or Disabling Encrypted Backup	hcloud GaussDB ModifyBackupEncryptStatus	This API is used to enable or disable encrypted backup.	Go debug
Checking Whether Encrypted Backup Is Enabled	hcloud GaussDB DescribeBackupEncryptStatus	This API is used to check whether encrypted backup is enabled.	Go debug

API Name	Command	Description	Operation
Querying Incremental Backups	hcloud GaussDB ShowGaussMySqlIncrementalBackupList	This API is used to query incremental backups.	Go debug
Configuring a Cross-region Backup Policy	hcloud GaussDB UpdateBackupOffsitePolicy	This API is used to configure a cross-region backup policy.	Go debug
Restoring Tables to a Specified Point in Time	hcloud GaussDB CreateRestoreTables	This API is used to restore tables to a specified point in time.	Go debug
Querying Available Tables for Table-level PITR	hcloud GaussDB ShowRestoreTables	This API is used to query available tables for table-level PITR.	Go debug
Querying Available Tables for Table-level PITR	hcloud GaussDB ShowRestoreAvailableTables	This API is used to query available tables for table-level PITR.	Go debug
Querying the Full Backups of a Specified Instance	hcloud GaussDB ShowInstanceBackups	This API is used to query the full backups of a specified instance.	Go debug
Querying an Automated Backup Policy	hcloud GaussDB ShowTaurusDbAdvancedBackupPolicy	This API is used to query automated backup policies of an instance, including the basic backup policy and sparse backup policy.	Go debug
Configuring a Same-Region Backup Policy	hcloud GaussDB UpdateTaurusDbAdvancedBackupPolicy	This API is used to modify same-region backup policies. You can customize basic backup policies and sparse backup policies.	Go debug
Configuring Same-Region Backup Policies in Batches	hcloud GaussDB BatchUpdateBackupPolicy	This API is used to configure same-region backup policies in batches. Standard and sparse backup policies are supported.	Go debug

Parameter Template Management

API Name	Command	Description	Operation
Querying Application Records of a Parameter Template	hcloud GaussDB ListParamsTemplateApplyHistory	This API is used to query application records of a parameter template.	Go debug
Querying a Parameter Template	hcloud GaussDB ListGaussMySQLConfigurations	This API is used to obtain parameter templates, including all of the default and custom parameter templates.	Go debug
Creating a Parameter Template	hcloud GaussDB CreateGaussMySQLConfiguration	This API is used to create a parameter template. The following information needs to be configured: template name, description, DB engine version, and parameter values.	Go debug
Deleting a Parameter Template	hcloud GaussDB DeleteGaussMySQLConfiguration	This API is used to delete a specified parameter template.	Go debug
Obtaining Parameter Template Details	hcloud GaussDB ShowGaussMySQLConfiguration	This API is used to obtain parameter details of a specified parameter template.	Go debug
Modifying a Parameter Template	hcloud GaussDB UpdateGaussMySQLConfiguration	This API is used to modify parameters in a specified parameter template, including the parameter names, descriptions, and values.	Go debug
Applying a Parameter Template	hcloud GaussDB SwitchGaussMySQLConfiguration	This API is used to modify a parameter template for a specified DB instance.	Go debug
Replicating a Parameter Template	hcloud GaussDB CopyConfigurations	This API is used to replicate a parameter template.	Go debug

API Name	Command	Description	Operation
Comparing Parameter Templates	hcloud GaussDB ListConfigurations Differences	This API is used to compare two parameter templates.	Go debug
Querying Instances that a Parameter Template Can Be Applied To	hcloud GaussDB ListConfiguration-Instances	This API is used to query instances that a parameter template can be applied to.	Go debug
Viewing Parameter Change History	hcloud GaussDB ListModifyHistory	This API is used to view parameter change history.	Go debug
Obtaining Parameter Information of a Specified Instance	hcloud GaussDB ListInstanceConfigurations	This API is used to obtain parameter information of a specified instance.	Go debug
Modifying Parameters of a Specified Instance	hcloud GaussDB UpdateInstanceConfigurations	This API is used to modify parameters of a specified instance.	Go debug
Replicating a Parameter Template	hcloud GaussDB CopyInstanceConfigurations	This API is used to replicate the parameter template of an instance.	Go debug
Updating a Custom Parameter Template	hcloud GaussDB UpgradeConfiguration	This API is used to update a custom parameter template by synchronizing the parameter values from the default parameter template, including the specification parameter values.	Go debug

Quota Management

API Name	Command	Description	Operation
Querying the Instance Quota of a Tenant	hcloud GaussDB ShowGaussMySQL ProjectQuotas	This API is used to obtain the resource quota of a specified tenant.	Go debug

API Name	Command	Description	Operation
Querying Enterprise Project Resource Quotas of a Tenant	hcloud GaussDB ShowGaussMySqlQuotas	This API is used to obtain the resource quota of a specified enterprise project.	Go debug
Configuring Enterprise Project Resource Quotas for a Tenant	hcloud GaussDB SetGaussMySqlQuotas	This API is used to set resource quotas for a specified enterprise project.	Go debug
Changing Enterprise Project Resource Quotas for a Tenant	hcloud GaussDB UpdateGaussMySqlQuotas	This API is used to modify the resource quota of a specified enterprise project.	Go debug
Querying Enterprise Projects	hcloud GaussDB ListEnterpriseProjects	This API is used to query enterprise projects.	Go debug

Database Proxy

API Name	Command	Description	Operation
Rebooting a Proxy Instance	hcloud GaussDB RestartProxyInstance	This API is used to reboot a proxy instance	Go debug
Enabling or Disabling ALT for a Proxy Instance	hcloud GaussDB SwitchGaussMySqlProxyAlt	This API is used to enable or disable ALT for a proxy instance.	Go debug
Upgrading the Kernel Version of a Proxy Instance	hcloud GaussDB UpgradeProxyVersion	This API is used to upgrade the kernel version of a proxy instance.	Go debug
Changing the Name of a Proxy Instance	hcloud GaussDB UpdateProxyName	This API is used to change the name of a proxy instance.	Go debug
Querying Access Control Settings of a Proxy Instance	hcloud GaussDB ShowProxyIpgroup	This API is used to query access control settings of a proxy instance.	Go debug
Querying the Minor Version of a Proxy Instance	hcloud GaussDB ShowProxyVersion	This API is used to query the minor version of a proxy instance.	Go debug

API Name	Command	Description	Operation
Enabling Database Proxy	hcloud GaussDB CreateGaussMySqlProxy	This API is used to enable database proxy in ELB mode.	Go debug
Disabling Database Proxy	hcloud GaussDB DeleteGaussMySqlProxy	This API is used to disable database proxy.	Go debug
Querying Database Proxy Information	hcloud GaussDB ShowGaussMySqlProxyList	This API is used to query the database proxy information.	Go debug
Querying Database Proxy Specifications	hcloud GaussDB ShowGaussMySqlProxyFlavors	This API is used to query database proxy specifications.	Go debug
Adding Database Proxy Nodes	hcloud GaussDB ExpandGaussMySqlProxy	This API is used to add database proxy nodes.	Go debug
Deleting Proxy Nodes	hcloud GaussDB ShrinkGaussMySqlProxy	This API is used to delete proxy nodes.	Go debug
Changing Proxy Instance Specifications	hcloud GaussDB ChangeGaussMySqlProxySpecification	This API is used to change proxy instance specifications.	Go debug
Assigning Read Weights	hcloud GaussDB SetGaussMySqlProxyWeight	This API is used to assign read weights.	Go debug
Changing the Routing Policy of a Proxy Instance	hcloud GaussDB ModifyGaussMySqlProxyRouteMode	This API is used to change the routing policy of a proxy instance.	Go debug
Enabling or Disabling Transaction Splitting	hcloud GaussDB UpdateTransactionSplitStatus	This API is used to enable or disable transaction splitting for a proxy instance.	Go debug
Enabling or Disabling Automatic Association of New Nodes with Proxy Instances	hcloud GaussDB UpdateNewNodeAutoAddSwitch	This API is used to enable or disable automatic association of new nodes with proxy instances.	Go debug
Binding an EIP to or Unbinding an EIP from a Proxy Instance	hcloud GaussDB SwitchGaussMySqlProxyEip	This API is used to bind an EIP to or unbind an EIP from a proxy instance.	Go debug

API Name	Command	Description	Operation
Changing Proxy Session Consistency	hcloud GaussDB UpdateProxySessionConsistence	This API is used to change the proxy session consistency.	Go debug
Changing the Connection Pool Type of a Proxy Instance	hcloud GaussDB UpdateProxyConnectionPoolType	This API is used to change the connection pool type of a proxy instance.	Go debug
Changing the Port of a Proxy Instance	hcloud GaussDB UpdateProxyPort	This API is used to change the port of a proxy instance.	Go debug
Modifying Parameters of a Proxy Instance	hcloud GaussDB UpdateProxyNewConfigurations	This API is used to modify parameters of a proxy instance.	Go debug
Querying Kernel Parameters of a Proxy Instance	hcloud GaussDB ShowProxyConfigurations	This API is used to query kernel parameters of a proxy instance.	Go debug
Enabling or Disabling Access Control	hcloud GaussDB SwitchAccessControl	This API is used to enable or disable access control.	Go debug
Configuring Access Control Rules	hcloud GaussDB CreateAccessControl	This API is used to configure access control rules.	Go debug
Enabling or Disabling SSL for a Proxy Instance	hcloud GaussDB SwitchGaussMySQLProxySsl	This API is used to enable or disable SSL for a proxy instance.	Go debug
Modifying the Private Domain Name of a Proxy Instance	hcloud GaussDB UpdateProxyPrivateDnsName	This API is used to modify the private domain name of a proxy instance.	Go debug
Deleting the Private Domain Name of a Proxy Instance	hcloud GaussDB DeleteProxyPrivateDnsName	This API is used to delete the private domain name of a proxy instance.	Go debug

Log Management

API Name	Command	Description	Operation
Querying LTS Configurations of an Instance	hcloud GaussDB ShowLtsConfigs	This API is used to query LTS configurations of an instance.	Go debug
Deleting LTS Configurations in Batches	hcloud GaussDB DeleteLtsConfigs	This API is used to delete LTS configurations in batches.	Go debug
Creating LTS Configurations in Batches	hcloud GaussDB CreateLtsConfigs	This API is used to create LTS configurations in batches.	Go debug
Querying Whether Show Original Log Is Enabled	hcloud GaussDB ShowSlowlogSensitiveStatus	This API is used to query whether Show Original Log is enabled.	Go debug
Enabling or Disabling Show Original Log	hcloud GaussDB UpdateSlowlogSensitiveSwitch	This API is used to enable or disable Show Original Log.	Go debug
Enabling or Disabling the Audit Log Function	hcloud GaussDB UpdateAuditLog	This API is used to enable or disable SQL Explorer.	Go debug
Querying the Status of the Audit Log Function	hcloud GaussDB ShowAuditLog	This API is used to query whether SQL Explorer is enabled.	Go debug
Obtaining the List of Slow Query Log Details	hcloud GaussDB ListLtsSlowlogDetails	This API is used to obtain the slow query log details list of a specified DB instance.	Go debug
Obtaining the Error Log Details List	hcloud GaussDB ListLtsErrorLogDetails	This API is used to obtain the error log details list of a specified DB instance.	Go debug
Obtaining the Temporary Link for Downloading Full SQL	hcloud GaussDB ListAuditLogDownloadLink	This API is used to obtain the temporary link for downloading full SQL.	Go debug

API Name	Command	Description	Operation
Querying DDL Logs That Can Be Downloaded	hcloud GaussDB ListDdlLogs	This API is used to query the DDL logs that can be downloaded of a specified instance.	Go debug
Configuring a DDL Log Download Policy	hcloud GaussDB SetDdlLogPolicy	This API is used to configure a DDL log download policy for a specified instance.	Go debug
Obtaining Links for Downloading DDL Logs	hcloud GaussDB DownloadDdlLogs	This API is used to obtain links for downloading DDL logs of a specified instance.	Go debug
Querying Slow Query Log Statistics	hcloud GaussDB ShowSlowLogStatistics	This API is used to query slow query log statistics.	Go debug
Obtaining Links for Downloading Slow Query Logs	hcloud GaussDB DownloadSlowLogFile	This API is used to obtain links for downloading slow query logs.	Go debug
Downloading Error Logs	hcloud GaussDB ShowErrorLogDownloadLink	This API is used to download error logs.	Go debug
Obtaining Audit Logs	hcloud GaussDB ListAuditLogs	This API is used to obtain audit logs.	Go debug
Setting SQL Audit	hcloud GaussDB SetAuditLogPolicy	This API is used to set a policy for audit logs.	Go debug
Querying the Policy for Audit Logs	hcloud GaussDB ShowAuditLogPolicy	This API is used to query the policy for audit logs.	Go debug
Obtaining Links for Downloading Audit Logs	hcloud GaussDB ShowAuditLogDownloadLink	This API is used to obtain links for downloading audit logs.	Go debug
Querying Kernel Slow Query Logs of a StarRocks Instance	hcloud GaussDB ShowSlowLogDetail	This API is used to query kernel slow query logs of a StarRocks instance.	Go debug

API Name	Command	Description	Operation
Querying Whether Show Original Log Is Enabled for a StarRocks Instance	hcloud GaussDB ShowStarRocksSlowlogSensitiveStatus	This API is used to query whether Show Original Log is enabled for a StarRocks instance.	Go debug
Enabling or Disabling Show Original Log for a StarRocks Instance	hcloud GaussDB UpdateSlowlogSensitiveStatus	This API is used to enable or disable Show Original Log for a StarRocks instance.	Go debug

Tag Management

API Name	Command	Description	Operation
Querying Resource Tags	hcloud GaussDB ListInstanceTags	This API is used to query tags of a specified resource.	Go debug
Querying Project Tags	hcloud GaussDB ListProjectTags	This API is used to query all tags of a DB instance in a specified project ID.	Go debug
Batch Adding or Deleting Tags	hcloud GaussDB BatchTagAction	This API is used to add or delete tags of a specified DB instance in batches.	Go debug

Database User Management

API Name	Command	Description	Operation
Creating Database Users	hcloud GaussDB CreateGaussMySQLDatabaseUser	This API is used to create a database account for a TaurusDB instance.	Go debug
Querying Database Users	hcloud GaussDB ListGaussMySQLDatabaseUser	This API is used to query database users of a TaurusDB instance.	Go debug
Deleting Database Users	hcloud GaussDB DeleteGaussMySQLDatabaseUser	This API is used to delete database users.	Go debug

API Name	Command	Description	Operation
Modifying the Remarks of a Database User	hcloud GaussDB UpdateGaussMySQLDatabaseUserComment	This API is used to modify the description of a database user.	Go debug
Changing Passwords of Database Users	hcloud GaussDB ResetGaussMySQLDatabasePassword	This API is used to change the password of a database user.	Go debug
Authorizing Database Permissions to Database Users	hcloud GaussDB AddDatabasePermission	This API is used to grant permissions to a database user.	Go debug
Deleting Database Permissions of Database Users	hcloud GaussDB DeleteDatabasePermission	This API is used to delete permissions of a database user.	Go debug

Database Management

API Name	Command	Description	Operation
Querying Available Database Character Sets	hcloud GaussDB ListGaussMySQLDatabaseCharsets	This API is used to query available database character sets of a TaurusDB instance.	Go debug
Creating Databases	hcloud GaussDB CreateGaussMySQLDatabase	This API is used to create a database for a TaurusDB instance.	Go debug
Querying Databases	hcloud GaussDB ListGaussMySQLDatabase	This API is used to query databases of a TaurusDB instance.	Go debug
Deleting Databases	hcloud GaussDB DeleteGaussMySQLDatabase	This API is used to delete databases from a TaurusDB instance.	Go debug
Modifying Database Remarks	hcloud GaussDB UpdateGaussMySQLDatabaseComment	This API is used to modify the description of a database.	Go debug

Traffic Management

API Name	Command	Description	Operation
Enabling or Disabling SQL Statement Concurrency Control	hcloud GaussDB UpdateSqlFilterControl	This API is used to enable or disable SQL Statement Concurrency Control.	Go debug
Querying Whether SQL Statement Concurrency Control Is Enabled	hcloud GaussDB ShowSqlFilterControl	This API is used to query whether SQL Statement Concurrency Control is enabled.	Go debug
Configuring Concurrency Control Rules of SQL Statements.	hcloud GaussDB SetSqlFilterRule	This API is used to configure concurrency control rules of SQL statements.	Go debug
Querying Concurrency Control Rules of SQL Statements	hcloud GaussDB ShowSqlFilterRule	This API is used to query concurrency control rules of SQL statements.	Go debug
Deleting Concurrency Control Rules of SQL Statements	hcloud GaussDB DeleteSqlFilterRule	This API is used to delete concurrency control rules of SQL statements.	Go debug
Querying Lock Wait Sessions	hcloud GaussDB ShowLockWaitSession	This API is used to query lock wait sessions by node ID and session ID.	Go debug
Querying User Session Threads on a Node	hcloud GaussDB ListTaurusDbNodeProcesses	This API is used to query user session threads on a TaurusDB node by page, similar to the show processlist command. Internal session threads are not returned.	Go debug
Terminating User Session Threads on a Node	hcloud GaussDB DeleteTaurusDbNodeProcesses	This API is used to terminate specified user session threads on a TaurusDB node, excluding any internal session threads passed in.	Go debug

API Name	Command	Description	Operation
Querying Historical SQL Throttling Rules	hcloud GaussDB ShowHistoricalSqlFilterRule	This API is used to query historical SQL throttling rules.	Go debug
Querying Auto Throttling Rules	hcloud GaussDB ShowSqlAutoSqlLimiting	This API is used to query auto throttling rules.	Go debug
Enabling Auto Throttling	hcloud GaussDB SetAutoSqlLimiting	This API is used to enable auto throttling.	Go debug
Disabling Auto Throttling	hcloud GaussDB DeleteAutoSqlLimiting	This API is used to disable auto throttling.	Go debug
Querying Auto Throttling Records	hcloud GaussDB ShowAutoSqlLimitingLog	This API is used to query auto throttling records.	Go debug
Querying the Execution Progress of a Large Transaction	hcloud GaussDB ShowTaurusDbTxnProgress	This API is used to query the execution progress of transactions based on the transaction ID list. Currently, only the execution progress of rollback transactions can be queried.	Go debug

Task Center

API Name	Command	Description	Operation
Obtaining Information About a Task with a Specified ID	hcloud GaussDB ShowGaussMySqlJobInfo	This API is used to obtain information about a task with a specified ID in the TaurusDB task center.	Go debug
Obtaining Instant Tasks	hcloud GaussDB ListImmediateJobs	This API is used to obtain the instant tasks.	Go debug
Obtaining Scheduled Tasks	hcloud GaussDB ListScheduleJobs	This API is used to obtain the scheduled tasks.	Go debug
Canceling a Scheduled Task	hcloud GaussDB CancelScheduleTask	This API is used to cancel a scheduled task.	Go debug

API Name	Command	Description	Operation
Deleting the Record of a Specific Task	hcloud GaussDB DeleteTaskRecord	This API is used to delete the record of a specific task.	Go debug
Deleting a Scheduled Task Record	hcloud GaussDB DeleteScheduleTask	This API is used to delete a scheduled task record.	Go debug
Querying Details About a TaurusDB Asynchronous Task	hcloud GaussDB ShowTaskDetails	This API is used to query details about a TaurusDB asynchronous task.	Go debug

Intelligent Diagnosis

API Name	Command	Description	Operation
Collecting All Real-Time Session Information	hcloud GaussDB CollectRealtimeSession	This API is used to collect all real-time session information of an instance up to the current time.	Go debug
Checking the Status of the Task for Collecting All Real-Time Session Information	hcloud GaussDB ShowRealtimeSessionTaskStatus	This API is used to check the status of the task for collecting all real-time session information of an instance up to the current time.	Go debug
Downloading All Real-Time Session Information	hcloud GaussDB DownloadRealtimeSession	This API is used to download all real-time session information of an instance up to the current time.	Go debug
Querying Abnormal Instances by Each Metric	hcloud GaussDB ShowIntelligent-DiagnosisAbnormalCountOfInstances	This API is used to query abnormal instances by each metric.	Go debug
Querying Abnormal Instance Information by a Specific Metric	hcloud GaussDB ShowIntelligent-DiagnosisInstanceInfosPerMetric	This API is used to abnormal instance information by a specific metric.	Go debug

API Name	Command	Description	Operation
Intelligently Killing Sessions	hcloud GaussDB ExecuteIntelligentKillSession	This API is used to intelligently kill sessions. The database automatically selects the top 3 session groups based on the maximum session execution time, number of sessions, and average session execution duration, and kills the sessions in these groups.	Go debug
Querying Intelligently Killed Sessions	hcloud GaussDB ListIntelligentKillSessionHistory	This API is used to query intelligently killed sessions.	Go debug
Showing Intelligently Killed Sessions	hcloud GaussDB ShowIntelligentKillSessionStatistic	This API is used to show intelligently killed sessions.	Go debug

HTAP (Standard Edition)

API Name	Command	Description	Operation
Changing the Specifications of a StarRocks Instance	hcloud GaussDB ResizeStarRocksFlavor	This API is used to change the specifications of a StarRocks instance.	Go debug
Upgrading the Kernel Version of a StarRocks Instance	hcloud GaussDB UpgradeSrKernelVersion	This API is used to upgrade the kernel version of a StarRocks instance.	Go debug
Creating a StarRocks Instance	hcloud GaussDB CreateStarrocksInstance	This API is used to create a StarRocks instance.	Go debug
Querying a StarRocks Instance	hcloud GaussDB ListStarrocksInstanceInfo	This API is used to query a StarRocks instance.	Go debug
Deleting a StarRocks Instance	hcloud GaussDB DeleteStarrocksInstance	This API is used to delete a StarRocks instance.	Go debug
Rebooting a StarRocks Instance	hcloud GaussDB RestartStarrockInstance	This API is used to reboot a StarRocks instance.	Go debug

API Name	Command	Description	Operation
Rebooting a StarRocks Node	hcloud GaussDB RestartStarrocks-Node	This API is used to reboot a StarRocks node.	Go debug
Checking StarRocks Resources	hcloud GaussDB CheckStarRocksResource	This API is used to check StarRocks resources.	Go debug
Querying HTAP Engine Resources	hcloud GaussDB ListHtapDataStore	This API is used to query HTAP engine resources.	Go debug
Obtaining the Storage Type of an HTAP Instance	hcloud GaussDB ListHtapStorage-Type	This API is used to obtain the storage type of an HTAP instance.	Go debug
Querying Specifications of an HTAP Instance	hcloud GaussDB ListHtapFlavor	This API is used to query specifications of an HTAP instance.	Go debug
Querying HTAP Instances	hcloud GaussDB ListHtapInstancelnfo	This API is used to query HTAP instances.	Go debug
Querying Database Accounts	hcloud GaussDB ShowStarRocksDatabaseUser	This API is used to query database accounts of a StarRocks instance.	Go debug
Creating a Database Account	hcloud GaussDB CreateStarRocks-DatabaseUser	This API is used to create a database account for a StarRocks instance.	Go debug
Deleting a Database Account	hcloud GaussDB DeleteStarRocks-DatabaseUser	This API is used to delete a database account of a StarRocks instance.	Go debug
Changing the Password of a Database Account	hcloud GaussDB UpdateStarRocks-DatabaseUserPassword	This API is used to change the password of a database account for a StarRocks instance.	Go debug
Changing Permissions of a Database Account	hcloud GaussDB UpdateStarRocks-DatabaseUserPermission	This API is used to change permissions of a database account for a StarRocks instance.	Go debug

API Name	Command	Description	Operation
Creating a Data Synchronization Task for a StarRocks Instance	hcloud GaussDB CreateStarRocks-DataReplication	This API is used to create a data synchronization task for a StarRocks instance.	Go debug
Deleting a Data Synchronization Task for a StarRocks Instance	hcloud GaussDB DeleteStarRocks-DataReplication	This API is used to delete a data synchronization task for a StarRocks instance.	Go debug
Querying Data Synchronization Tasks of a StarRocks Instance	hcloud GaussDB ListStarRocksDa-taReplications	This API is used to query data synchronization tasks of a StarRocks instance.	Go debug
Modifying StarRocks Data Synchronization Configurations	hcloud GaussDB ModifyDataSync	This API is used to modify StarRocks data synchronization configurations.	Go debug
Checking Database Configurations for HTAP Data Synchronization	hcloud GaussDB CheckDataBaseCo nfig	This API is used to check database configurations for HTAP data synchronization.	Go debug
Checking Table Configurations for HTAP Data Synchronization	hcloud GaussDB CheckTableConfig	This API is used to check table configurations for HTAP data synchronization.	Go debug
Querying Configurations of a StarRocks Data Synchronization Task	hcloud GaussDB ListStarRocksDa-taReplicationCon-fig	This API is used to query configurations of a StarRocks data synchronization task.	Go debug
Querying Database Parameter Settings for StarRocks Data Synchronization	hcloud GaussDB ListStarRocksDb-Parameters	This API is used to query database parameter settings for StarRocks data synchronization.	Go debug
Querying Databases of a StarRocks Instance	hcloud GaussDB ListStarRocksDa-taBases	This API is used to query databases of a StarRocks instance.	Go debug

API Name	Command	Description	Operation
Restoring a Data Synchronization Task for a StarRocks Instance	hcloud GaussDB ResumeStarRocks-DataReplication	This API is used to restore a data synchronization task for a StarRocks instance.	Go debug
Stopping a Data Synchronization Task for a StarRocks Instance	hcloud GaussDB PauseStarRocksDataReplication	This API is used to stop a data synchronization task for a StarRocks instance.	Go debug
Querying StarRocks Data Synchronization Configurations by Destination Database	hcloud GaussDB ListStarRocksDataReplicationConfigByDataBase	This API is used to query StarRocks data synchronization configurations by destination database.	Go debug
Querying Parameters	hcloud GaussDB ShowStarrocksParams	This API is used to query parameters by node type.	Go debug
Modifying Parameters	hcloud GaussDB UpdateStarrocksParams	This API is used to modify parameters by node type.	Go debug
Enabling Assign Requests to Row and Column Store Nodes for a StarRocks Instance	hcloud GaussDB SyncStarRocksUsers	This API is used to enable Assign Requests to Row and Column Store Nodes for a StarRocks instance.	Go debug
Comparing Parameters	hcloud GaussDB CheckStarrocksParams	This API is used to compare instance parameters with those in the default template.	Go debug
Querying Databases of a Primary HTAP Instance	hcloud GaussDB ShowInstanceDatabasesForHtap	This API is used to query databases of a primary HTAP instance.	Go debug
Querying Error Logs	hcloud GaussDB ShowHtapErrorLogDetail	This API is used to query error logs of the kernel.	Go debug
Changing the Security Group of a StarRocks Instance	hcloud GaussDB ModifyStarRocks-SecurityGroup	This API is used to change the security group of a StarRocks instance.	Go debug

API Name	Command	Description	Operation
Querying LTS Configurations of an Instance	hcloud GaussDB ShowHtapLtsConfig	This API is used to query LTS configurations of an instance.	Go debug
Creating LTS Configurations in Batches	hcloud GaussDB UpdateStarRockLtsConfig	This API is used to create LTS configurations in batches.	Go debug
Deleting LTS Configurations in Batches	hcloud GaussDB DeleteStarRockLtsConfig	This API is used to delete LTS configurations in batches.	Go debug
Querying Node Information	hcloud GaussDB ListInstanceNode	This API is used to query node information.	Go debug
Querying Tables of a Primary HTAP Instance	hcloud GaussDB ShowInstanceTablesForHtap	This API is used to query tables of a primary HTAP instance.	Go debug
Enabling or Disabling the Query Queue Function	hcloud GaussDB UpdateHtapQueryQueuesControl	This API is used to enable or disable the query queue function.	Go debug
Querying the Switch Status and Thresholds of the Current Query Queue	hcloud GaussDB ShowHtapQueryQueuesRule	This API is used to query the switch status and thresholds of the current query queue.	Go debug
Setting Thresholds for the Current Query Queue	hcloud GaussDB SetHtapQueryQueuesRule	This API is used to set thresholds for the current query queue.	Go debug
Downloading an HTAP Data Synchronization Template	hcloud GaussDB DownloadImportExcelTemplate	This API is used to download an HTAP data synchronization template.	Go debug
Importing and Verifying HTAP Databases and Tables	hcloud GaussDB UploadImportExcelTemplate	This API is used to import and verify an Excel file for data synchronization.	Go debug
Querying the Current Sessions of an HTAP Instance	hcloud GaussDB ShowHtapProcessList	This API is used to query the current sessions of an HTAP instance.	Go debug

API Name	Command	Description	Operation
Deleting Sessions of an HTAP Instance	hcloud GaussDB DeleteHtapProcessList	This API is used to delete sessions of an HTAP instance.	Go debug

Multi-tenancy

API Name	Command	Description	Operation
Enabling or Disabling Multi-tenancy	hcloud GaussDB UpdateMultiTenant	This API is used to enable or disable multi-tenancy.	Go debug
Querying the Status of Multi-tenancy	hcloud GaussDB ShowMultiTenant	This API is used to query the status of multi-tenancy.	Go debug

Cold and Hot Data Separation

API Name	Command	Description	Operation
Querying Cold Table Metadata	hcloud GaussDB ListColdTableMetadata	This API is used to query cold table metadata.	Go debug

Event Management

API Name	Command	Description	Operation
Performing Operations on Events	hcloud GaussDB SetInstanceScheduleEvents	This API is used to perform operations on events, such as authorizing immediate execution, canceling execution, or authorizing scheduled execution.	Go debug
Obtaining the Event List	hcloud GaussDB ShowInstanceScheduleEvents	This API is used to obtain the event list.	Go debug

Lock-Free Change

API Name	Command	Description	Operation
Cleaning up Temporary Tables of Lock-Free Change Tasks of an Instance	hcloud GaussDB ClearOnlineDdlTaskTempTable	This API is used to clean up temporary tables generated by lock-free change tasks of an instance.	Go debug
Deleting a Lock-Free Change Task Record of an Instance	hcloud GaussDB DeleteOnlineDdlTaskRecord	This API is used to delete a lock-free change record of an instance.	Go debug
Enabling a Lock-Free Change Task for an Instance	hcloud GaussDB StartOnlineDdlTask	This API is used to enable a lock-free change task for an instance.	Go debug
Obtaining the Download Link of the Log Records of a Lock-Free Change Task	hcloud GaussDB DownloadOnlineDdlTaskLog	This API is used to obtain the download link of the log records of a lock-free change task.	Go debug
Querying Lock-Free Change Task Records	hcloud GaussDB ListOnlineDdlTaskRecords	This API is used to query lock-free change task records.	Go debug
Stopping a Lock-Free Change Task of an Instance	hcloud GaussDB StopOnlineDdlTask	This API is used to stop a lock-free change task of an instance.	Go debug