# **TaurusDB**

# **Getting Started**

Issue 02

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# Buying a DB Instance and Connecting to It Using the mysql Client

After buying a DB instance, you can connect to it using a Linux ECS with the mysql client installed over a private network. This section describes how to access a DB instance from an ECS using the mysql client.

# **Operation Process**

Process	Description
Step 1: Buy a TaurusDB Instance	Select required basic settings and additional options and buy a TaurusDB instance.
Step 2: Buy an ECS	If you want to use the mysql client to connect to a DB instance, you need to prepare a server, install the mysql client on the server, and run the connection command.
	Purchase a Linux ECS that is in the same region and VPC as your DB instance.
	If you have purchased a Windows ECS, you can connect to the DB instance using MySQL-Front. For details, see Buying a DB Instance and Connecting to It Using MySQL-Front.
Step 3: Test Connectivity and Install the mysql Client	Test the network connectivity between the ECS and the private IP address and port of the DB instance, and install the mysql client on the ECS.
Step 4: Connect to the DB Instance Using the mysql Client	Use the mysql client to connect to the DB instance through the private IP address and port.

# **Step 1: Buy a TaurusDB Instance**

- **Step 1** Go to the **Buy DB Instance** page.
- **Step 2** On the displayed page, configure required information and click **Next**.

Table 1-1 Basic information

Parameter	Description
Billing Mode	Select <b>Pay-per-use</b> .
Region	Region where an instance is deployed.
DB Instance Name	The name must start with a letter and consist of 4 to 64 characters. Only letters (case-sensitive), digits, hyphens (-), and underscores (_) are allowed.
	• If you create multiple instances at a time, a hyphen (-) followed by a number with four digits will be appended to the instance name, starting with -0001. For example, if you enter <b>instance</b> , the first instance will be named instance-0001, the second instance-0002, and so on.
	<ul> <li>Each name of the instances created in batches can contain 4 to 59 characters. Only letters, digits, hyphens (-), and underscores (_) are allowed.</li> </ul>
DB Engine Version	Select TaurusDB V2.0.
DB Instance	Select <b>Cluster</b> or <b>Single</b> .
Туре	Cluster: A cluster instance can contain one primary node and 1 to 15 read replicas. The primary node processes read and write requests, and the read replicas process only read requests. If the primary node becomes unavailable, TaurusDB automatically fails over to a read replica. Cluster instances apply to medium- and large-sized enterprises in the Internet, taxation, banking, and insurance sectors.
	Single: A single-node instance contains only one primary node and there are no read replicas. Single-node instances do not involve data synchronization between nodes and can easily ensure atomicity, consistency, isolation, and durability of transactions. They are only recommended for development and testing of microsites, and small and medium enterprises, or for learning about TaurusDB.
AZ Type	An AZ is a physical region where resources have their own independent power supply and networks. AZs are physically isolated but interconnected through an internal network.
	• <b>Single-AZ</b> : The primary node and read replicas are deployed in the same AZ.
	Multi-AZ: The primary node and read replicas are deployed in different AZs to ensure high reliability.

Parameter	Description
Time Zone	You need to select a time zone for your instance based on the region hosting your instance. The time zone is selected during instance creation and cannot be changed after the instance is created.

**Table 1-2** Instance specifications

Parameter	Description
Instance Specifications	Different instance specifications support different numbers of database connections and maximum IOPS.
CPU Architecture	Select x86 or Kunpeng.
Nodes	Total number of one primary node and read replicas you created for the instance. You can create up to 9 read replicas at a time.
Storage	It contains the system overhead required for inodes, reserved blocks, and database operations.
	Storage will be scaled up dynamically based on the amount of data that needs to be stored, and is billed hourly on a pay-peruse basis.
TDE	Transparent Data Encryption (TDE) encrypts data files and backup files using certificates to implement real-time I/O encryption and decryption. This function effectively protects your databases and data files.
	After TDE is enabled, you need to select a cryptographic algorithm <b>AES256</b> or <b>SM4</b> as needed.

Table 1-3 Network

Parameter	Description
VPC	A dedicated virtual network where your instance is located. It isolates networks for different workloads to enhance security.
	You need to select a VPC and subnet. If no VPC is available, TaurusDB will allocate a default VPC ( <b>default_vpc</b> ) for your instance. You can also use an existing or new VPC and subnet.
	NOTICE  After a TaurusDB instance is created, the VPC cannot be changed.

Parameter	Description
Security Group	A security group enhances security by controlling access to TaurusDB from other services. When you select a security group, you must ensure that it allows the client to access instances.
	If no security group is available or has been created, TaurusDB allocates a security group to your instance by default.
IPv6	Before enabling IPv6, ensure that IPv6 has been enabled for the VPC and subnet where the DB instance is located. For details about how to configure IPv6 for the VPC and subnet, see "IPv4/IPv6 Dual-Stack Management" in <i>Virtual Private</i> <i>Cloud Operation Guide</i> .
	After IPv6 is enabled, the DB instance can run in dual-stack mode. It means that the DB instance can use both IPv4 and IPv6 addresses. The DB instance can be accessed through either an IPv4 or IPv6 address, and the communications are independent of each other.

**Table 1-4** Database configuration

Parameter	Description
Administrator	The default login name for the database is <b>root</b> .
Administrator Password	The password must consist of 8 to 32 characters and contain at least three of the following: uppercase letters, lowercase letters, digits, and special characters (~!@#%^*=+?,()&\$ .). Enter a strong password and periodically change it to improve security and defend against threats such as brute force cracking attempts.
	Keep this password secure. If lost, the system cannot retrieve it.
Confirm Password	Enter the administrator password again.

Table 1-5 Parameter Template

Parameter	Description
Parameter Template	Contains engine configuration values that can be applied to one or more instances. You can modify the instance parameters as required after the instance is created.  NOTICE
	If you use a custom parameter template when creating a DB instance, the following specification-related parameters in the custom template are not applied. Instead, the default values are used.
	innodb_buffer_pool_size
	innodb_log_buffer_size
	max_connections
	innodb_buffer_pool_instances
	innodb_page_cleaners
	innodb_parallel_read_threads
	innodb_read_io_threads
	innodb_write_io_threads
	<ul> <li>threadpool_size</li> <li>The value of innodb_parallel_select_count is determined by your instance specifications, instead of the parameter value you configured in the parameter template. The default value is OFF for instance with 16 vCPUs or less and ON for instances with more than 16 vCPUs.</li> </ul>
Table Name	Specifies whether table names are case sensitive. This option cannot be changed later.
	Case sensitive: Table names are case sensitive.
	Case insensitive: Table names are case insensitive and are stored in lowercase letters by default.
Enterprise Project	Only available for enterprise users. If you want to use this function, contact customer service.
	An enterprise project provides a way to manage cloud resources and enterprise members on a project-by-project basis.
	Select an enterprise project from the drop-down list. The default project is <b>default</b> .

Table 1-6 Tag

Parameter	Description
Tag	Tags a DB instance. This configuration is optional. Adding tags helps you better identify and manage your DB instances. Each DB instance can have up to 20 tags.

**Table 1-7** Batch creation

Parameter	Description
Quantity	You can create instances in batches. The default value is <b>1</b> . The value ranges from 1 to 10.

- **Step 3** Confirm the settings for the pay-per-use DB instance.
  - If you need to modify your settings, click **Previous**.
  - If you do not need to modify your settings, click Submit.
- **Step 4** To view and manage DB instances, go to the **Instances** page.
  - During the creation process, the instance status is **Creating**. After the status of the instance is **Available**, you can use the instance.
  - Automated backup is enabled by default during instance creation. After your instance is created, the backup policy cannot be disabled and a full backup will be automatically created.
  - After the instance is created, you can confirm the DB instance type on the **Instances** page.
  - After the instance is created, you can add a description.
  - After the instance is created, you can click the instance name to go to the **Basic Information** page. In the **Network Information** area, obtain the private IP address and database port.
  - The default database port is **3306**, but you can change it after instance creation is complete.

#### 

To ensure data and instance security, change the database port immediately after the instance is created.

#### ----End

#### Step 2: Buy an ECS

- **Step 1** Log in to the management console and check whether there is an ECS available.
  - If there is a Linux ECS, go to Step 3.
  - If there is a Windows ECS, see Buying a DB Instance and Connecting to It Using MySQL-Front.
  - If no ECS is available, go to Step 2.
- **Step 2** Buy an ECS and select Linux (for example, CentOS) as its OS.

To download a MySQL client to the ECS, bind an EIP to the ECS. The ECS must be in the same region, VPC, and security group as the DB instance for mutual communications.

For details about how to create a Linux ECS, see section "Creating an ECS" in *Elastic Cloud Server User Guide*.

**Step 3** On the **ECS Information** page, view the region and VPC of the ECS.

- **Step 4** On the **Basic Information** page of the DB instance, view the region and VPC of the DB instance.
- **Step 5** Check whether the ECS and DB instance are in the same region and VPC.
  - If they are in the same region and VPC, go to Step 3: Test Connectivity and Install the mysql Client.
  - If they are in different regions, create another ECS or DB instance. The ECS
    and DB instance in different regions cannot communicate with each other. To
    reduce network latency, deploy your DB instance in the region nearest to your
    workloads.
  - If they are in different VPCs, change the VPC of the ECS to that of the DB instance. For details, see section "Changing a VPC" in *Elastic Cloud Server User Guide*.

----End

### Step 3: Test Connectivity and Install the mysql Client

- **Step 1** Log in to the ECS. For details, see section "Logging In to a Linux ECS Using VNC" in *Elastic Cloud Server User Guide*.
- **Step 2** On the ECS, check whether it can connect to the DB instance using the private IP address and port obtained in **Step 4**.

telnet private IP address port

#### 

If the message "command not found" is displayed, install the Telnet tool based on the OS used by the ECS.

- If yes, network connectivity is normal.
- If no, check the security group rules.
  - If in the security group of the ECS, there is no outbound rule with Destination set to 0.0.0.0/0 and Protocol & Port set to All, add an outbound rule for the private IP address and port of the DB instance.
  - If in the security group of the DB instance, there is no inbound rule allowing the access from the private IP address and port of the ECS, add an inbound rule for the private IP address and port of the ECS.
- **Step 3** Download the mysql client installation package for Linux locally. A mysql client running a version later than that of the DB instance is recommended.

Find the **link** to the required version on the download page. The mysql-community-client-8.0.21-1.el6.x86\_64 is used as an example.

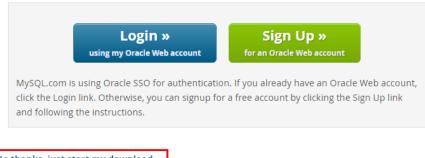
Figure 1-1 Downloading a mysql client

### MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- · Post messages in the MySQL Discussion Forums
- · Report and track bugs in the MySQL bug system



No thanks, just start my download.

- **Step 4** Upload the installation package to the ECS.
- Step 5 Use any terminal connection tool, such as WinSCP and PuTTY, to upload the installation package to the ECS.
- **Step 6** Run the following command to install the mysql client:

rpm -ivh mysql-community-client-8.0.21-1.el6.x86\_64.rpm

#### 

• If any conflicts occur during the installation, add the replacefiles parameter to the command and install the client again.

rpm -ivh --replacefiles mysql-community-client-8.0.21-1.el6.x86\_64.rpm

• If a message is displayed prompting you to install a dependency package during the installation, add the nodeps parameter to the command and install the client again.

rpm -ivh --nodeps mysql-community-client-8.0.21-1.el6.x86\_64.rpm

----End

## Step 4: Connect to the DB Instance Using the mysql Client

Run the following command on the ECS to connect to the DB instance:

mysql -h 192.\*.\*.\* -P 3306 -u root -p

Table 1-8 Parameter description

Parameter	Description
<host></host>	Private IP address obtained in <b>Step 4</b> .
<port></port>	Database port obtained in <b>Step 4</b> . The default value is <b>3306</b> .
<username></username>	Administrator account <b>root</b> .

2. Enter the password of the database account if the following information is displayed:

Enter password:

Figure 1-2 Connection succeeded

3. Create a database, for example, **db\_test**.

create database db\_test;

Figure 1-3 Creating a database

```
mysql> show databases;
 Database
 information_schema
 mysql
 performance_schema
  sys
 rows in set (0.01 sec)
mysql> create database db_test;
Query OK, 1 row affected (0.00 sec)
mysql> show databases;
 Database
 db test
 information schema
 mysql
 performance_schema
  sys
 rows in set (0.00 sec)
mysql>
```

4. Create a table, for example, **t\_test**.

create table t\_test(id int(4), name char(20), age int(4));

Figure 1-4 Creating a table

```
mysql> use db_test;
Database changed
mysql> show tables;
Empty set (0.00 sec)
mysql> create table t_test(id int(4),name char(20),age int(4));
Query OK, 0 rows affected, 2 warnings (0.03 sec)
mysql> desc t_test;
                          | Null | Key | Default | Extra
  Field | Type
  id
              int
                             YES
                             YES
                                               NULL
             char(20)
  name
  age
             int
                             YES
                                               NULL
  rows in set (0.00 sec)
mysql>
```

5. Insert a data record into the table.

insert into t\_test(id, name, age) values(1, 'zhangsan', 30);

Figure 1-5 Inserting data

```
mysql> insert into t_test(id, name, age) values(1, 'zhangsan', 30);
Query OK, 1 row affected (0.01 sec)
```

6. Query table data.

select \* from t\_test;

Figure 1-6 Querying data

Update the value of age for the data record whose id is 1 in the table.
 update t\_test set age=31 where id=1;

Figure 1-7 Updating data

```
mysql> update t_test set age=31 where id=1;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

8. Query the updated table data.

select \* from t\_test where id=1;

Figure 1-8 Querying the updated data

9. Delete the data record whose id is 1 from the table.

delete from t\_test where id=1;

Figure 1-9 Deleting table data

```
mysql> delete from t_test where id=1;
Query OK, 1 row affected (0.01 sec)
mysql> select * from t_test;
Empty set (0.00 sec)
mysql> |
```

10. Drop the table structure.

drop table t\_test;

Figure 1-10 Dropping a table structure

```
mysql> drop table t_test;
Query OK, 0 rows affected (0.01 sec)
mysql> show tables;
Empty set (0.00 sec)
mysql> ■
```

11. Drop the database.

drop database db\_test;

Figure 1-11 Dropping a database

# Buying a DB Instance and Connecting to It Using MySQL-Front

After buying a DB instance, you can log in to a Windows ECS, install MySQL-Front on the ECS, and use a private IP address to connect to the DB instance through MySQL-Front.

MySQL-Front is a Windows front end for MySQL databases. It allows you to interact with MySQL databases through a GUI, including connecting to a database, running SQL commands, and managing tables and records.

#### **Operation Process**

Process	Description
Step 1: Buy a TaurusDB Instance	Select required basic settings and additional options and buy a TaurusDB instance.
Step 2: Buy an ECS	Purchase a Windows ECS that is in the same region and VPC as your DB instance.
Step 3: Test Connectivity and Install MySQL-Front	Test the network connectivity between the ECS and the private IP address and port of the DB instance, and install MySQL-Front on the ECS.
Step 4: Use MySQL- Front to Connect to the DB Instance	Use MySQL-Front to connect to the DB instance through the private IP address and port.

#### Step 1: Buy a TaurusDB Instance

- Step 1 Go to the Buy DB Instance page.
- **Step 2** On the displayed page, configure required information and click **Next**.

Table 2-1 Basic information

Parameter	Description
Billing Mode	Select <b>Pay-per-use</b> .
Region	Region where an instance is deployed.
DB Instance Name	The name must start with a letter and consist of 4 to 64 characters. Only letters (case-sensitive), digits, hyphens (-), and underscores (_) are allowed.
	• If you create multiple instances at a time, a hyphen (-) followed by a number with four digits will be appended to the instance name, starting with -0001. For example, if you enter <b>instance</b> , the first instance will be named instance-0001, the second instance-0002, and so on.
	<ul> <li>Each name of the instances created in batches can contain 4 to 59 characters. Only letters, digits, hyphens (-), and underscores (_) are allowed.</li> </ul>
DB Engine Version	Select TaurusDB V2.0.
DB Instance	Select <b>Cluster</b> or <b>Single</b> .
Туре	Cluster: A cluster instance can contain one primary node and 1 to 15 read replicas. The primary node processes read and write requests, and the read replicas process only read requests. If the primary node becomes unavailable, TaurusDB automatically fails over to a read replica. Cluster instances apply to medium- and large-sized enterprises in the Internet, taxation, banking, and insurance sectors.
	Single: A single-node instance contains only one primary node and there are no read replicas. Single-node instances do not involve data synchronization between nodes and can easily ensure atomicity, consistency, isolation, and durability of transactions. They are only recommended for development and testing of microsites, and small and medium enterprises, or for learning about TaurusDB.
AZ Type	<ul> <li>An AZ is a physical region where resources have their own independent power supply and networks. AZs are physically isolated but interconnected through an internal network.</li> <li>Single-AZ: The primary node and read replicas are deployed in the same AZ.</li> </ul>
	Multi-AZ: The primary node and read replicas are deployed in different AZs to ensure high reliability.
Time Zone	You need to select a time zone for your instance based on the region hosting your instance. The time zone is selected during instance creation and cannot be changed after the instance is created.

**Table 2-2** Instance specifications

Parameter	Description
Instance Specifications	Different instance specifications support different numbers of database connections and maximum IOPS.
CPU Architecture	Select <b>x86</b> or <b>Kunpeng</b> .
Nodes	Total number of one primary node and read replicas you created for the instance. You can create up to 9 read replicas at a time.
Storage	It contains the system overhead required for inodes, reserved blocks, and database operations.
	Storage will be scaled up dynamically based on the amount of data that needs to be stored, and is billed hourly on a pay-peruse basis.
TDE	Transparent Data Encryption (TDE) encrypts data files and backup files using certificates to implement real-time I/O encryption and decryption. This function effectively protects your databases and data files.
	After TDE is enabled, you need to select a cryptographic algorithm <b>AES256</b> or <b>SM4</b> as needed.

Table 2-3 Network

Parameter	Description
VPC	A dedicated virtual network where your instance is located. It isolates networks for different workloads to enhance security.
	You need to select a VPC and subnet. If no VPC is available, TaurusDB will allocate a default VPC ( <b>default_vpc</b> ) for your instance. You can also use an existing or new VPC and subnet.
	NOTICE After a TaurusDB instance is created, the VPC cannot be changed.
Security Group	A security group enhances security by controlling access to TaurusDB from other services. When you select a security group, you must ensure that it allows the client to access instances.
	If no security group is available or has been created, TaurusDB allocates a security group to your instance by default.

Parameter	Description
IPv6	Before enabling IPv6, ensure that IPv6 has been enabled for the VPC and subnet where the DB instance is located. For details about how to configure IPv6 for the VPC and subnet, see "IPv4/IPv6 Dual-Stack Management" in <i>Virtual Private Cloud Operation Guide</i> .
	After IPv6 is enabled, the DB instance can run in dual-stack mode. It means that the DB instance can use both IPv4 and IPv6 addresses. The DB instance can be accessed through either an IPv4 or IPv6 address, and the communications are independent of each other.

Table 2-4 Database configuration

Parameter	Description
Administrator	The default login name for the database is <b>root</b> .
Administrator Password	The password must consist of 8 to 32 characters and contain at least three of the following: uppercase letters, lowercase letters, digits, and special characters (~!@#%^*=+?,()&\$ .). Enter a strong password and periodically change it to improve security and defend against threats such as brute force cracking attempts.
	Keep this password secure. If lost, the system cannot retrieve it.
Confirm Password	Enter the administrator password again.

Table 2-5 Parameter Template

Parameter	Description
Parameter Template	Contains engine configuration values that can be applied to one or more instances. You can modify the instance parameters as required after the instance is created.  NOTICE
	If you use a custom parameter template when creating a DB instance, the following specification-related parameters in the custom template are not applied. Instead, the default values are used.
	innodb_buffer_pool_size
	innodb_log_buffer_size
	max_connections
	innodb_buffer_pool_instances
	innodb_page_cleaners
	innodb_parallel_read_threads
	innodb_read_io_threads
	innodb_write_io_threads
	<ul> <li>threadpool_size</li> <li>The value of innodb_parallel_select_count is determined by your instance specifications, instead of the parameter value you configured in the parameter template. The default value is OFF for instance with 16 vCPUs or less and ON for instances with more than 16 vCPUs.</li> </ul>
Table Name	Specifies whether table names are case sensitive. This option cannot be changed later.
	Case sensitive: Table names are case sensitive.
	Case insensitive: Table names are case insensitive and are stored in lowercase letters by default.
Enterprise Project	Only available for enterprise users. If you want to use this function, contact customer service.
	An enterprise project provides a way to manage cloud resources and enterprise members on a project-by-project basis.
	Select an enterprise project from the drop-down list. The default project is <b>default</b> .

Table 2-6 Tag

Parameter	Description
Tag	Tags a DB instance. This configuration is optional. Adding tags helps you better identify and manage your DB instances. Each DB instance can have up to 20 tags.

Table 2-7 Batch creation

Parameter	Description
Quantity	You can create instances in batches. The default value is <b>1</b> . The value ranges from 1 to 10.

- **Step 3** Confirm the settings for the pay-per-use DB instance.
  - If you need to modify your settings, click **Previous**.
  - If you do not need to modify your settings, click Submit.
- **Step 4** To view and manage DB instances, go to the **Instances** page.
  - During the creation process, the instance status is **Creating**. After the status of the instance is **Available**, you can use the instance.
  - Automated backup is enabled by default during instance creation. After your instance is created, the backup policy cannot be disabled and a full backup will be automatically created.
  - After the instance is created, you can confirm the DB instance type on the **Instances** page.
  - After the instance is created, you can add a description.
  - After the instance is created, you can click the instance name to go to the **Basic Information** page. In the **Network Information** area, obtain the private IP address and database port.
  - The default database port is **3306**, but you can change it after instance creation is complete.

#### 

To ensure data and instance security, change the database port immediately after the instance is created.

#### ----End

#### Step 2: Buy an ECS

- **Step 1** Log in to the management console and check whether there is an ECS available.
  - If there is a Linux ECS, see Buying a DB Instance and Connecting to It Using the mysql Client.
  - If there is a Windows ECS, go to Step 3.
  - If no ECS is available, go to Step 2.
- **Step 2** Buy an ECS and select Windows as its OS.

To download a MySQL client to the ECS, bind an EIP to the ECS. The ECS must be in the same region, VPC, and security group as the DB instance for mutual communications.

For details about how to create a Windows ECS, see section "Creating an ECS" in *Elastic Cloud Server User Guide*.

**Step 3** On the **ECS Information** page, view the region and VPC of the ECS.

- **Step 4** On the **Basic Information** page of the DB instance, view the region and VPC of the DB instance.
- **Step 5** Check whether the ECS and DB instance are in the same region and VPC.
  - If they are in the same region and VPC, go to Step 3: Test Connectivity and Install MySQL-Front.
  - If they are in different regions, create another ECS or DB instance. The ECS and DB instance in different regions cannot communicate with each other. To reduce network latency, deploy your DB instance in the region nearest to your workloads.
  - If they are in different VPCs, change the VPC of the ECS to that of the DB instance. For details, see section "Changing a VPC" in *Elastic Cloud Server User Guide*.

----End

## Step 3: Test Connectivity and Install MySQL-Front

- **Step 1** Log in to the ECS. For details, see section "Logging In to a Windows ECS Using VNC" in *Elastic Cloud Server User Guide*.
- **Step 2** On the ECS, check whether it can connect to the DB instance using the private IP address and port obtained in **Step 4**.

telnet private\_IP\_address port

□ NOTE

If the message "command not found" is displayed, install the Telnet tool based on the OS used by the ECS.

- If yes, network connectivity is normal.
- If no, check the security group rules.
  - If in the security group of the ECS, there is no outbound rule with Destination set to 0.0.0.0/0 and Protocol & Port set to All, add an outbound rule for the private IP address and port of the DB instance.
  - If in the security group of the DB instance, there is no inbound rule allowing the access from the private IP address and port of the ECS, add an inbound rule for the private IP address and port of the ECS.
- **Step 3** Open a browser, and download and install the MySQL-Front tool on the ECS.

----End

## Step 4: Use MySQL-Front to Connect to the DB Instance

- **Step 1** Start MySQL-Front.
- **Step 2** In the displayed dialog box, click **New**.

Open Session

Sessions

Name
Last Login
????

New...

New...

Properties...

Open
Cancel

Figure 2-1 Connection management

**Step 3** Enter the information of the DB instance to be connected and click **Ok**.

Figure 2-2 Adding an account

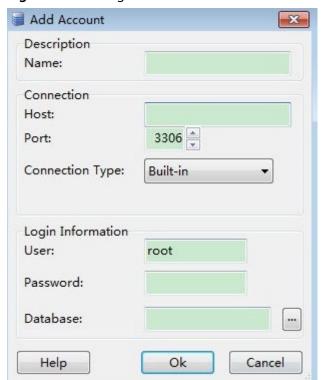
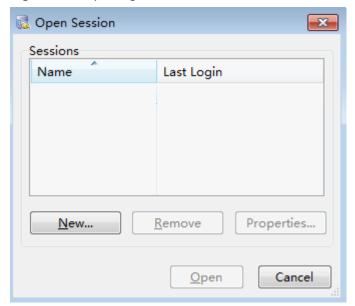


Table 2-8 Parameter description

Parameter	Description
Name	Database connection task name. If you do not specify this parameter, it will be the same as that configured for <b>Host</b> by default.
Host	Private IP address.
Port	Database port. The default value is <b>3306</b> .
User	Account name of the DB instance. The default value is <b>root</b> .
Password	Password of the account for accessing the DB instance.

**Step 4** In the displayed window, select the connection that you have created in **Step 3** and click **Open**. If the connection information is correct, the DB instance is successfully connected.

Figure 2-3 Opening a session



----End