

**Data Admin Service**

# **Getting Started**

<b>Issue</b>	01
<b>Date</b>	2023-12-01



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## Life Cycle of Product Documentation

Huawei released the Huawei Product Documentation Lifecycle Policy for after-sales customer documentation. For details about this policy, see the website of Huawei's official website:<https://support.huawei.com/enterprise/en/bulletins-website/ENEWS2000017761>

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# 1

## Step 1: Logging In to a DB Instance

This section describes how to log in to a DB instance.

### Precautions

The following DB instances are supported:

**Table 1-1** Supported DB instances

DB Instance Source	Supported DB Engine
Huawei Cloud DB Instance	<ul style="list-style-type: none"><li>• RDS for MySQL</li><li>• RDS for PostgreSQL</li><li>• RDS for SQL Server</li><li>• RDS for MariaDB</li><li>• DDS</li><li>• GaussDB(for MySQL)</li><li>• GaussDB</li><li>• GeminiDB Cassandra API</li></ul>
ECS-hosted DB Instance on Huawei Cloud	<ul style="list-style-type: none"><li>• The engine version of the managed MySQL instances can be 5.5, 5.6, 5.7, or 8.0. The instances are not deployed in HA clusters.</li><li>• Instances of PostgreSQL 9.4, 9.5, 9.6, 10, 11 and 12 are supported.</li><li>• Instances of SQL Server 2008, 2012, 2014, 2016, or 2017 are supported, but HA cluster instances are not.</li></ul>


- The account used to create the current DB instance and the login account belong to the same Huawei Cloud account.
- The created DB instance and DAS must be in the same region.

## Logging in to a DB Instance

This section describes how to log in to a Huawei Cloud DB instance. After a Huawei Cloud DB instance is created, DAS automatically creates a login information for the administrator account to log in to the DB instance using the password.

**Step 1** [Log in to the management console.](#)

**Step 2** Click  in the upper left corner and select a region and project.

**Step 3** Click  in the upper left corner, and under **Databases**, click **Data Admin Service**.

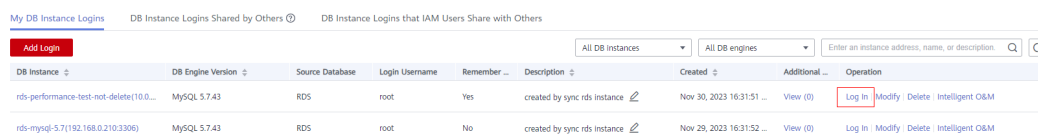
**Step 4** In the navigation pane on the left, choose **Development Tool**.

You can also click **Go to Development Tool** on the overview page.

**Step 5** Locate the target DB instance and click **Log In** in the **Operation** column.

You need to enter the password at the first login. If **Remember Password** is selected at the first login, you do not need to enter the password again at subsequent logins.

**Figure 1-1** DB instance login list



DB Instance Logins								
My DB Instance Logins			DB Instance Logins Shared by Others			DB Instance Logins that IAM Users Share with Others		
<a href="#">Add Login</a>			All DB Instances			All DB engines		
						Enter an instance address, name, or description.		
DB Instance	DB Engine Version	Source Database	Login Username	Remember	Description	Created	Additional	Operation
rds-performance-test-not-delete(10.0...	MySQL 5.7.43	RDS	root	Yes	created by sync rds instance	Nov 30, 2023 16:31:51 ...	View (0)	<a href="#">Log In</a> <a href="#">Modify</a> <a href="#">Delete</a> <a href="#">Intelligent O&amp;M</a>
rds-mysql-5.7(192.168.0.210/3306)	MySQL 5.7.43	RDS	root	No	created by sync rds instance	Nov 29, 2023 16:31:52 ...	View (0)	<a href="#">Log In</a> <a href="#">Modify</a> <a href="#">Delete</a> <a href="#">Intelligent O&amp;M</a>

### NOTE

- If the DB instance is not found, the login button is grayed out, and no operations can be performed.
- If the pop-up window is blocked when you click **Log In**, configure your browser to allow the [Huawei Cloud](#) website. After that, you can log in to the instance.
- The **DB Instance Logins that IAM Users Share with Others** tab page is displayed only when the Huawei ID account is used for login.

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## More Login Scenarios

- [Logging in to a DB Instance Shared by Others](#)
- [Logging in to an ECS-Hosted DB Instance](#)

# 2 Step 2: Developing or Maintaining Databases

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DAS provides Development Tool and intelligent O&M to help you perform routine DB instance O&M and management.

Development Tool works as an easy-to-use database client for developers. It provides diverse database development functions, including data and table structure synchronization, online editing, and intelligent prompts for SQL input.


Intelligent O&M is mainly designed for database administrators (DBAs) and provides the following database O&M functions: host and instance performance analysis, slow SQL and full SQL data analysis, real-time database performance analysis and diagnosis, and database history running data analysis, and more.

This section describes how to use DAS for RDS for MySQL instances.

## Managing Databases

**Step 1** [Log in to the management console.](#)

**Step 2** Click  in the upper left corner and select a region and project.

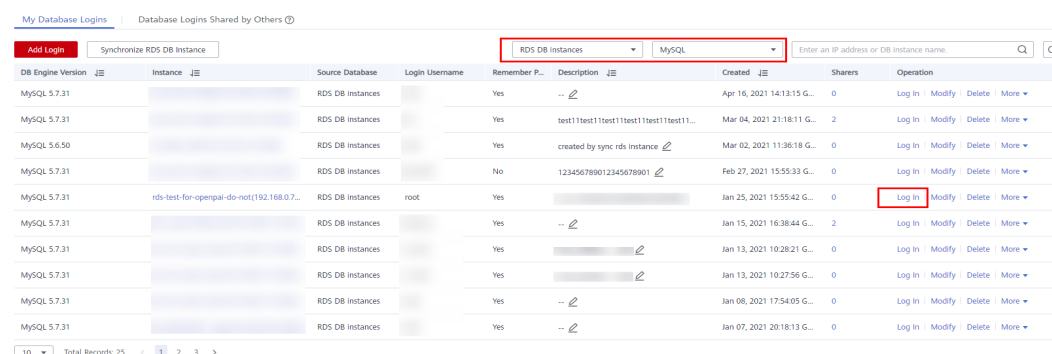
**Step 3** Click  in the upper left corner, and under **Databases**, click **Data Admin Service**.

**Step 4** In the navigation pane on the left, choose **Development Tool**.

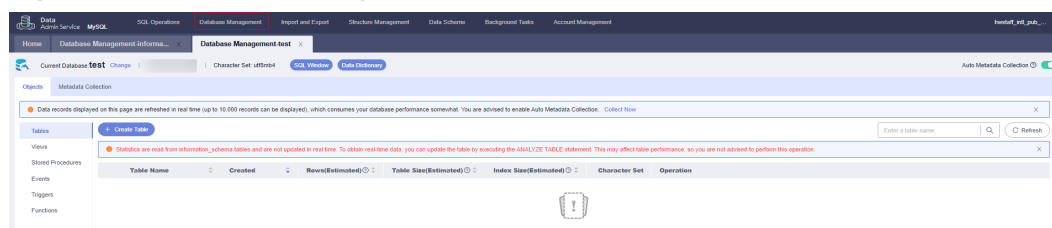
You can also click **Go to Development Tool** on the overview page.

**Step 5** Choose **RDS** and **MySQL** from the drop-down lists in the upper right corner.

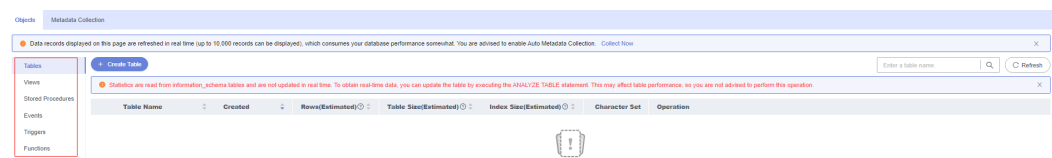
**Step 6** Locate the MySQL DB instance you want to log in to and click **Log In** in the **Operation** column.

**Figure 2-1** Logging in to a database

**Step 7** On the top menu bar, click **Database Management** and click **Change** to select a database you want to operate.

**Figure 2-2** Database management

**Step 8** Click the **Objects** tab to view objects such as tables, views, stored procedures, events, triggers, and functions.

**Figure 2-3** Objects

For more operations, see [Managing MySQL Databases](#).

----End


## Database O&M

Intelligent O&M is available for paid and free instances. Paid instances can enjoy more value-added functions. For details about how to set an instance as paid, see [Setting an Instance as Paid](#).

The following describes how to use Intelligent O&M to view performance trend of an RDS for MySQL instance. For details, see [Intelligent O&M](#)

**Step 1** [Log in to the management console](#).

**Step 2** Click  in the upper left corner and select a region and project.

**Step 3** Click  in the upper left corner, and under **Databases**, click **Data Admin Service**.

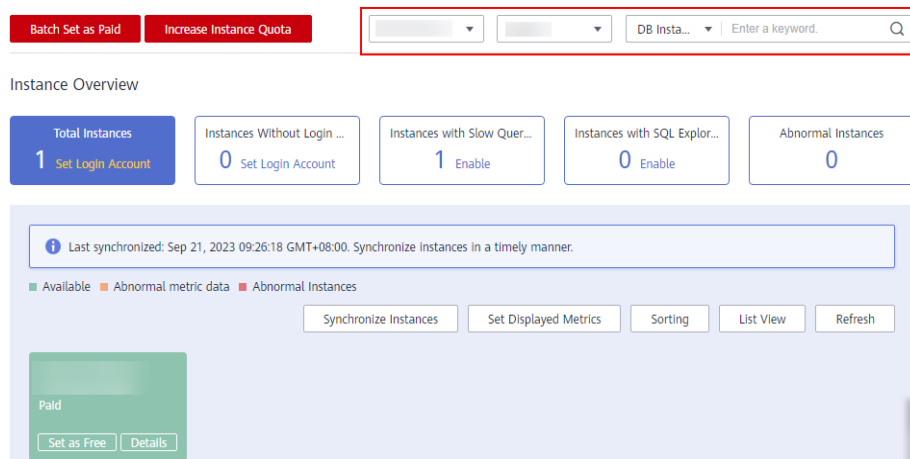


**Step 4** In the navigation pane, choose **Intelligent O&M** > **Instance List**.

Alternatively, on the **Overview** page, click **Go to Intelligent O&M**.

**Step 5** In the upper right corner of the **Instance List** page, search for instances by engine type, instance name, or instance IP.

**Figure 2-4** Searching for instances



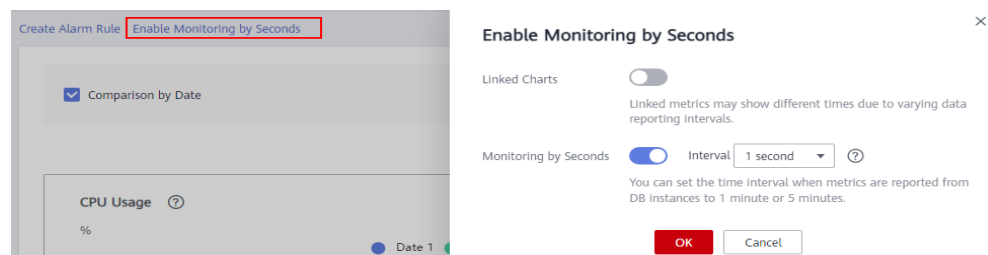
**Step 6** Locate the box containing your target instance and click **Details**.

**Step 7** On the **Performance** tab page, perform the following operations:

- Enable monitoring by seconds.

To improve the instantaneous accuracy of monitoring metrics, you can click **Enable Monitoring by Seconds**. In the displayed dialog box, toggle on **Monitoring by Seconds**, specify the interval, and click **OK**.

**Figure 2-5** Enabling monitoring by seconds

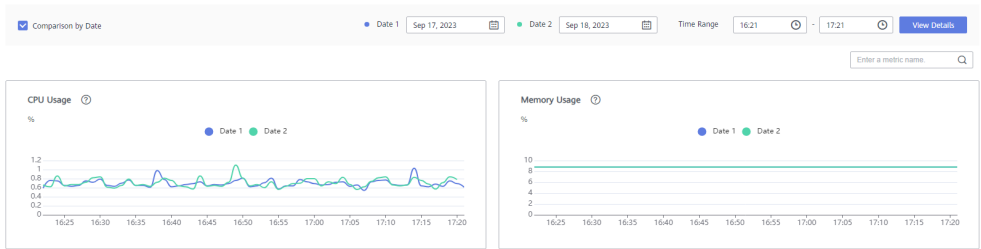


- View the trends in metrics in the same time range on different days.

Select **Compare by Date**, set the comparison dates and a time range and click **View Details** to view trends in the instance metrics in the same time range on different days.

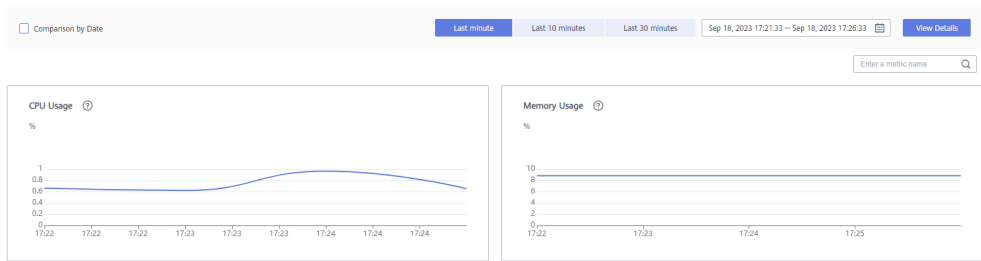
You can move the cursor to a point in time of the chart to view the metric at the time point on different days.

Figure 2-6 Performance comparison



- View real-time performance metrics of the instance.  
You can deselect **Compare by Date**, set a time range or select **Last 5 minutes**, **Last 10 minutes**, or **Last 30 minutes**, and click **View Details** to view real-time performance metrics of the instance.  
You can place the pointer over a time point in the trend chart to view the metric at this time point.

Figure 2-7 Viewing performance metrics



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# A Change History

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Released On	Description
2022-12-27	This issue is the third official release. Added top SQL template information in "Intelligent O&M."
2020-09-27	This issue is the second official release. Updated the constraints.
2018-08-30	This issue is the first official release.