

# Database Management Center

## DMC Management

### Product Documentation



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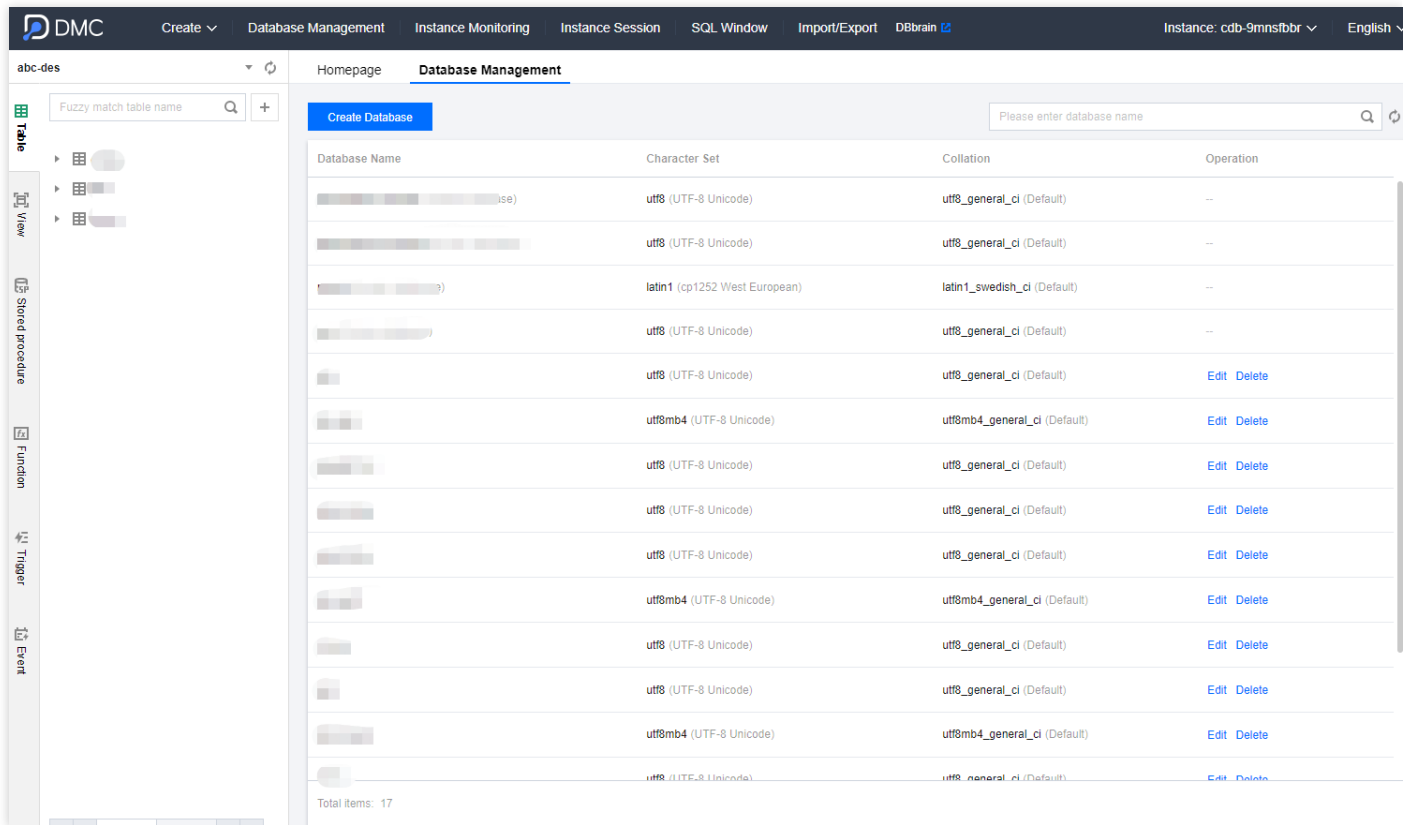
# DMC Management

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This document describes the features of DMC, such as database/table creation, database management, instance monitoring, instance session management, and visualized table data editing.

## Database/Table Creation

1. Log in to the [DMC console](#) and select **Create > Create Database > Create Database** or **Create > Create Table** on the navigation bar at the top.



2. In the pop-up dialog box, configure the new database or table and click **OK** or **Submit**.

Note :

For more information on the character set and collation, please see [MySQL's official documentation](#).

- Database creation dialog box:

### Create Database ✕

Database Name \*

Character Set \*

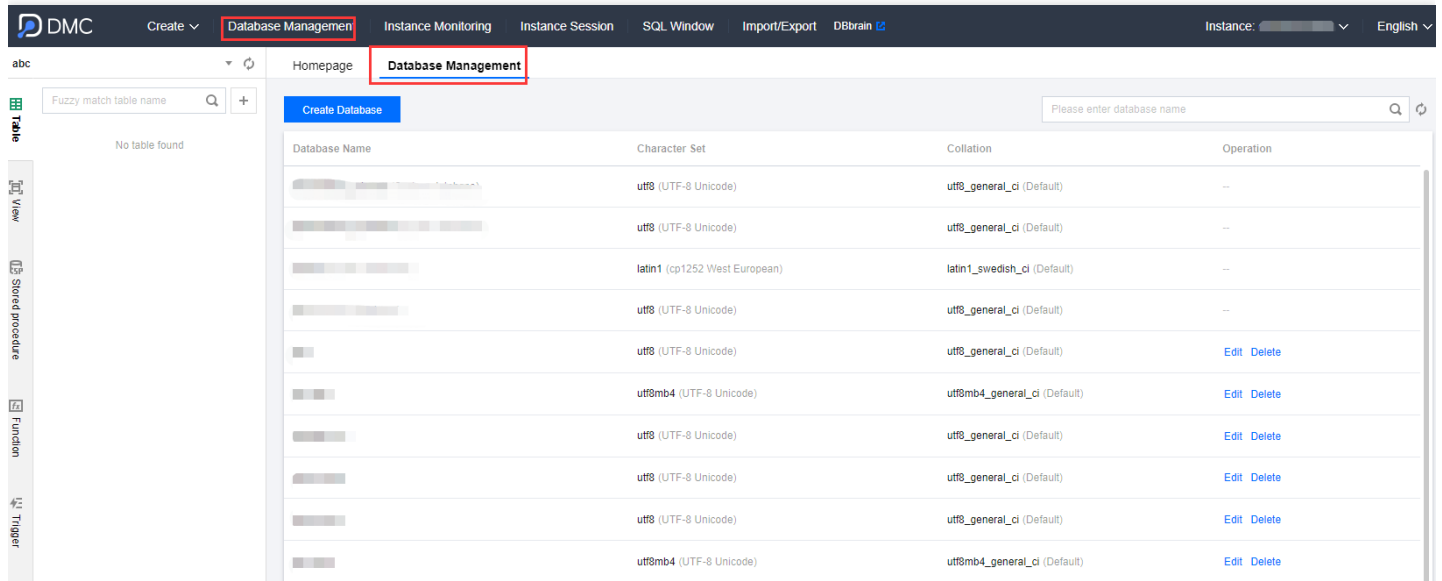
Collation \*

- Table creation dialog box:

The screenshot shows the 'Create Table' dialog box within the Tencent Cloud Database Management Center. The interface includes a top navigation bar with options like 'Create', 'Database Management', 'Instance Monitoring', 'Instance Session', 'SQL Window', 'Import/Export', and 'DBBrain'. The main content area is titled 'Create Table' and is divided into 'Basic Info', 'Column Info', 'Index', 'Foreign Key', and 'Partition' tabs. The 'Basic Info' tab is active, showing fields for 'Table name', 'Remarks', 'Storage engine' (set to InnoDB), 'Character Set', and 'Check Rules'. Below these are 'More Options' including 'Row Format', 'Average Row Length', 'Min Rows', and 'Max Rows'. A 'Submit' button is located at the bottom of the form.

## Database Management

Log in to the [DMC console](#), select **Database Management** on the navigation bar at the top, and create, edit, or delete databases on the displayed page.



The screenshot shows the DMC console interface. The navigation bar at the top includes 'Create', 'Database Management', 'Instance Monitoring', 'Instance Session', 'SQL Window', 'Import/Export', and 'DBbrain'. The 'Database Management' tab is selected. The main content area displays a table of databases with columns for Database Name, Character Set, Collation, and Operation. The table lists several databases with their respective character sets and collations, and provides 'Edit' and 'Delete' links for each.

| Database Name | Character Set                 | Collation                    | Operation                                   |
|---------------|-------------------------------|------------------------------|---|
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | --  |
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | --  |
| [Redacted]    | latin1 (cp1252 West European) | latin1_swedish_ci (Default)  | --  |
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | --  |
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | <a href="#">Edit</a> <a href="#">Delete</a> |
| [Redacted]    | utf8mb4 (UTF-8 Unicode)       | utf8mb4_general_ci (Default) | <a href="#">Edit</a> <a href="#">Delete</a> |
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | <a href="#">Edit</a> <a href="#">Delete</a> |
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | <a href="#">Edit</a> <a href="#">Delete</a> |
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | <a href="#">Edit</a> <a href="#">Delete</a> |
| [Redacted]    | utf8 (UTF-8 Unicode)          | utf8_general_ci (Default)    | <a href="#">Edit</a> <a href="#">Delete</a> |
| [Redacted]    | utf8mb4 (UTF-8 Unicode)       | utf8mb4_general_ci (Default) | <a href="#">Edit</a> <a href="#">Delete</a> |

## Instance Session Management

Log in to [DMC](#), select **Instance Session** on the navigation bar at the top, and enter the instance session management page. You can view the details of all database sessions in the instance from four dimensions: session overview, users, access sources, and databases.

DMC allows you to kill sessions, facilitating your session management.

The screenshot shows the DMC console interface for managing database sessions. The top navigation bar includes 'Create', 'Database Management', 'Instance Monitoring', 'Instance Session', 'SQL Window', 'Import/Export', and 'DBBrain'. The current page is 'Instance Session' under 'Database Management'. The left sidebar contains a search bar and a list of database instances. The main content area displays a table of sessions with columns for Session ID, Duration, User, Source, Database, CMD, SQL, and Status. Below the table are four summary panels: 'Session Overview', 'By User(1)', 'By Access Source(1)', and 'By Database(1)'. The 'Session Overview' panel shows a total of 1 session, 1 active session, and 0 maximum time length. The 'By User(1)' panel shows 1 active session for the 'root' user. The 'By Access Source(1)' and 'By Database(1)' panels show 1 active session for the respective source and database.

| Session ID | Duration | User | Source | Database | CMD   | SQL             | Status    |
|------------|----------|------|--------|----------|-------|-----------------|-----------|
|            | 0        | root |        |          | Query | select ID.US... | executing |

| No. | Item                   | Value |
|-----|------------------------|-------|
| 1   | Total Sessions         | 1     |
| 2   | Active Sessions        | 1     |
| 3   | The max time length... | 0     |
| 4   | DMC System Sessions    | 1     |

| User | Active | Total |
|------|--------|-------|
| root | 1      | 1     |

| Source | Active | Total |
|--------|--------|-------|
|        | 1      | 1     |

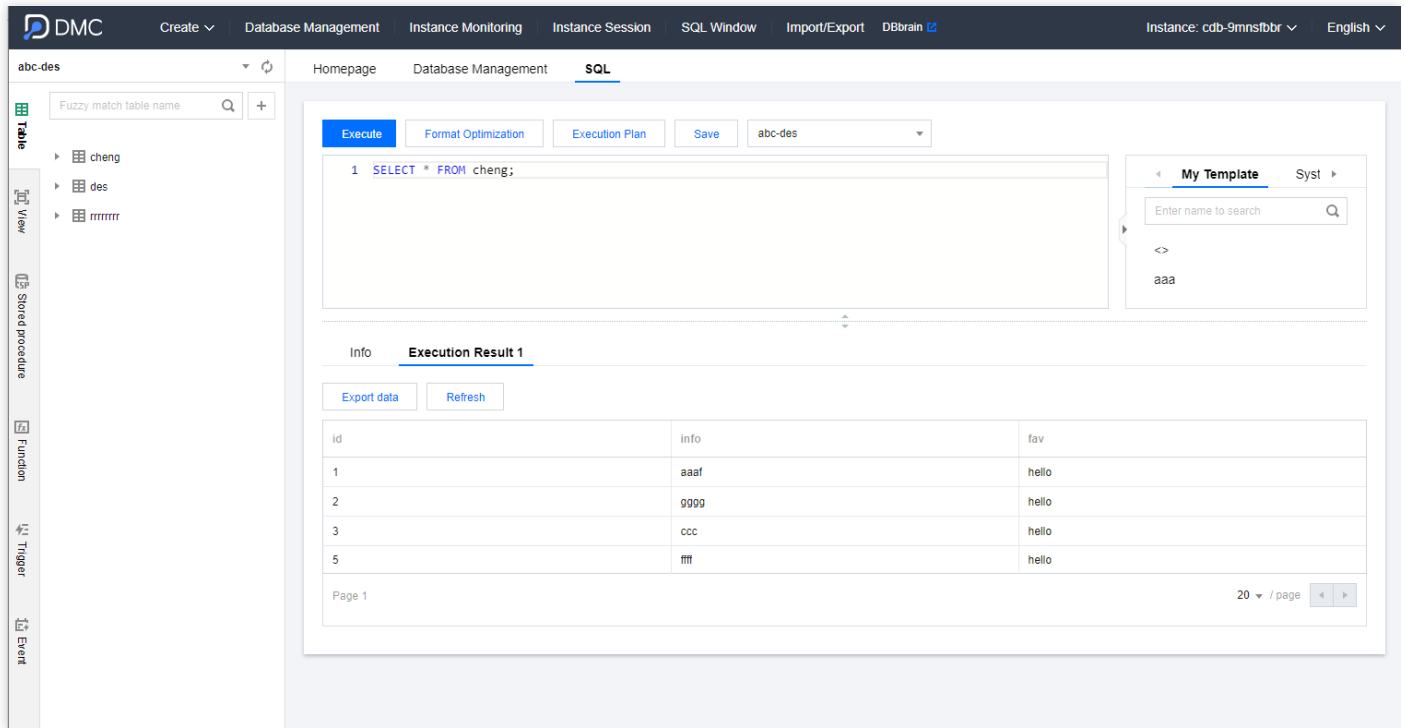
| Database Name | Active | Total |
|---------------|--------|-------|
|               | 1      | 1     |

## SQL Window

Log in to the [DMC console](#), select **SQL Window** on the navigation bar at the top, or click **SQL Operation** on the **Operation** menu on the left sidebar to access the SQL window, which supports the following features:

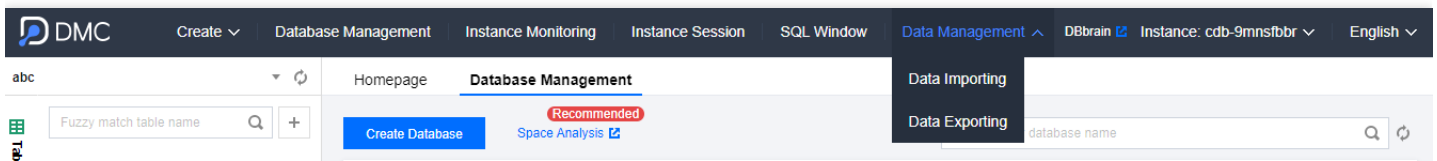
- Run SQL commands and view results
- Optimize SQL statement formats
- View SQL command execution plans
- Save commonly used SQL statements
- Use SQL templates

- Export SQL statement execution results



## Data Management

Log in to the [DMC console](#), select **Data Management > Data Importing** or **Data Exporting** on the navigation bar at the top, and you can import data into or export data from a database.



## Visualized Table Data Editing

DMC for MySQL supports inserting, deleting, and updating data. You can click a table in the left **Table** list to insert, delete, and update its data in batches in the right pane, and then click **OK** in the **Quick Operation** pane to preview

the SQL statements and implement the modification.

The screenshot displays the Tencent Cloud Database Management Center interface. The main area shows a table named 'aa' with columns 'id', 'info', and 'num'. The table contains 23 rows of data. A 'Quick Operation' dialog is open on the right, showing a list of columns to be displayed in a query: 'id', 'info', 'num', 'a.b', and 'desc'. The dialog also includes a 'Set Displayed Columns' section, a 'Filter' section, and a 'Sort' section. The SQL query shown in the dialog is 'SELECT \* FROM 'aa' LIMIT 50 OFFSET 0'. The 'OK' button is visible at the bottom of the dialog.

| id | info       | num |
|----|------------|-----|
| 2  | affecttest | 3   |
| 3  | sss        | 20  |
| 4  | aaaaa      | 3   |
| 5  | cccc       | 20  |
| 6  | ggggg      | 20  |
| 8  | ooooooo    | 20  |
| 9  | tencent    | 20  |
| 10 | new import | 3   |
| 12 | new import | 20  |
| 22 | old import | 3   |
| 23 | old import | 20  |