

[How-To] Show & Delete Databases and Users in MariaDB

Purpose

Show the commands that will show and delete databases and show and delete users in MariaDB.

Prerequisites

List of prerequisites:

- Root user or sudo user
- Server with MariaDB installed

Instructions

Step 1: Log in to MariaDB

Log in to MariaDB as a user with sufficient privileges (e.g., `root`):

```
mysql -u root -p
```

Enter the password when prompted.

Step 2: Show All Users or Databases

Run the following query to list of Databases:

```
SHOW DATABASES;
```

Run the following query to list all users:

```
SELECT User, Host FROM mysql.user;
```

Step 3: Delete a User or Database

To delete a database, use the DROP DATABASE command:

```
DROP DATABASE database_name;
```

To delete a user, use the `DROP USER` command:

```
DROP USER 'username'@'host';
```

Replace `username` with the user's name and `host` with the correct host value from the `mysql.user` table.

If the user is allowed to connect from any host (`%`), the command would be:

```
DROP USER 'admin'@'%';
```

Step 4: Verify User Deletion

Run the query again to confirm the user has been deleted:

```
SELECT User, Host FROM mysql.user;
```

Notes

- Permissions Required:** Ensure you have `CREATE USER` or `DROP USER` privileges to perform these actions.
- Clean-Up (Optional):** After deleting a user, you can remove their privileges explicitly (if any exist) with:

```
FLUSH PRIVILEGES;
```

This updates the in-memory privilege table to reflect changes immediately.

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