Databases

Create MySQL databases, manage users, and access phpMyAdmin from cPanel.

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Creating and Managing MySQL Databases

Create MySQL databases and users, then connect your applications to them in cPanel.

Most PHP applications such as WordPress require a MySQL or MariaDB database. cPanel lets you create and manage these from the control panel.

Create a database

1. Go to **Databases → MySQL Databases**.
2. Under **Create New Database**, enter a name and click **Create Database**.
3. Scroll to **MySQL Users**, create a user with a strong password.
4. Under **Add User To Database**, select the user and database, then grant **ALL PRIVILEGES**.
5. Click **Make Changes** and note the full database name, username, and password for your application config.

Manage existing databases

Use **phpMyAdmin** to import SQL dumps, run queries, or repair tables. To remove a database, delete it from MySQL Databases — this permanently removes all data, so back up first.

Naming note

cPanel prefixes database and user names with your account username. Use the full names shown in the panel when configuring applications.

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Using phpMyAdmin

Browse, edit, import, and export MySQL databases through phpMyAdmin in cPanel.

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phpMyAdmin is a web-based tool for managing MySQL and MariaDB databases without writing SQL on the command line.

Open phpMyAdmin

1. Go to **Databases → phpMyAdmin** in cPanel.
2. phpMyAdmin opens in a new tab showing databases you have access to.
3. Click a database name in the left sidebar to view its tables.

Common tasks

- **Import** — select a database, click Import, choose an SQL file, and run the import.
- **Export** — select a database, click Export, choose Quick or Custom format, and download the backup.
- **Browse/Edit** — click a table to view rows and edit individual records.
- **Run SQL** — use the SQL tab to execute custom queries.

Safety tips

Always export a backup before running imports or bulk SQL changes. Avoid dropping tables unless you are certain they are unused.

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Remote MySQL Access

Allow external applications or developers to connect to your MySQL databases remotely.

By default, MySQL on DanumHost servers only accepts connections from localhost. Remote MySQL access lets external tools or applications connect using your server's hostname and IP.

Enable remote access

1. Go to **Databases → Remote MySQL**.
2. Enter the IP address or hostname of the computer that needs access (use `%` only if you understand the security risk of allowing any host).
3. Click **Add Host**.

Connect remotely

- **Host:** your server hostname or IP (shown in cPanel)
- **Port:** 3306
- **Database/User:** the full prefixed names from MySQL Databases
- **Password:** the database user password

Security note

Only whitelist specific trusted IP addresses. Remove remote access entries when they are no longer needed. Prefer SSH tunneling for developer access when possible.

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