

WEB APPLICATION AND TECHNOLOGY

Import and Export Database

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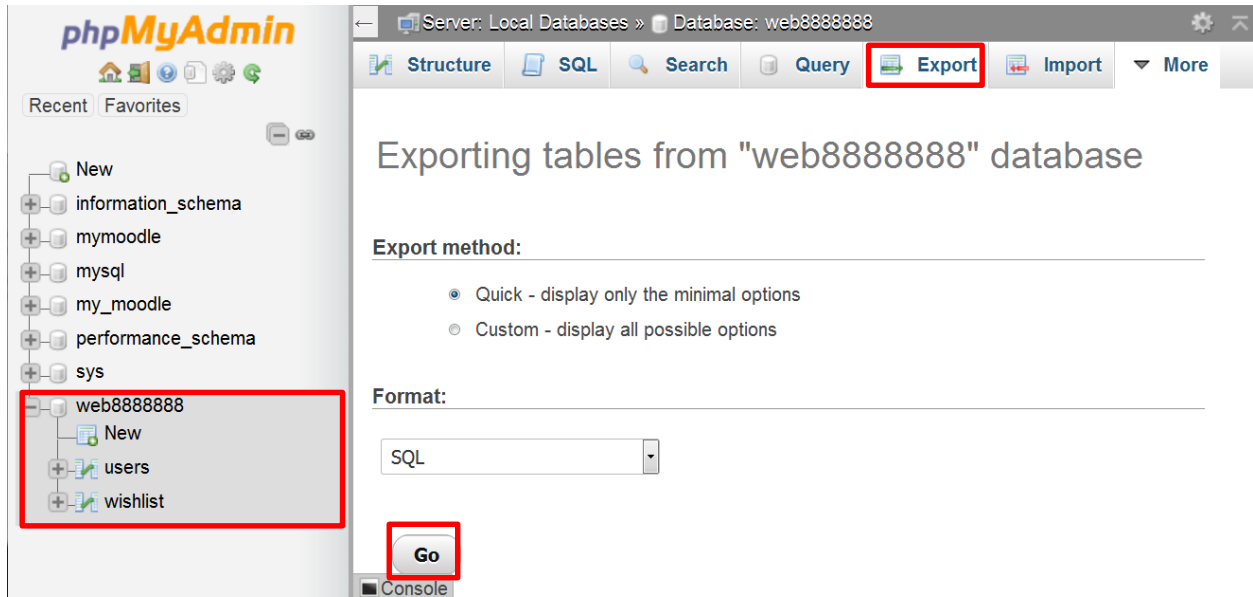
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Export Database

To export database from your local server, choose the target database -> open **Export** -> click **GO**



Sometimes you need to modify SQL file by notepad as follows:

- Change Unicode to UTF8
- Delete **DROP TABLE IF EXISTS xyz;** statement before **CREATE TABLE IF NOT EXIST XYZ;** statement.
- Add **USE YOUR_DB_NAME;** statement before create any table (YOUR_DB_NAME is the name of DB on the server)

Previous steps are shown in the following figure:

```
1 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
2 SET time_zone = "+00:00";
3 /*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
4 /*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
5 /*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
6 /*!40101 SET NAMES utf8mb4 */; UTF8
7 DROP TABLE IF EXISTS `users`; Delete
8 CREATE TABLE IF NOT EXISTS `users` ( USE web88888888 //(DB on server)
9   `userid` int(11) NOT NULL AUTO_INCREMENT,
10  `username` varchar(20) CHARACTER SET latin1 NOT NULL,
11  `password` varchar(20) CHARACTER SET latin1 NOT NULL,
12  `balance` double NOT NULL,
13  PRIMARY KEY (`userid`),
14  UNIQUE KEY `username` (`username`),
15  KEY `userid` (`userid`)
16 ) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8 COLLATE=utf8_bin;
17 INSERT INTO `users` (`userid`,`username`,`password`,`balance`) VALUES
18 (1, 'Mohammad', 'mohammad123', 100),
19 (2, 'Khalid', 'khalid123', 99.95),
20 (3, 'Ziad', 'ziad123', 75);
21 DROP TABLE IF EXISTS `wishlist`; Delete
22 CREATE TABLE IF NOT EXISTS `wishlist` (
23   `wishid` int(11) NOT NULL AUTO_INCREMENT,
24   `userid` int(11) NOT NULL,
25   `item` varchar(20) CHARACTER SET latin1 NOT NULL,
26   `price` double NOT NULL,
27   PRIMARY KEY (`wishid`),
28   KEY `userid` (`userid`)
29 ) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8 COLLATE=utf8_bin;
30 INSERT INTO `wishlist` (`wishid`,`userid`,`item`,`price`) VALUES
31 (1, 1, 'Barbeque', 58.95),
32 (2, 1, 'Tongs', 19.95),
33 (3, 2, 'Sofa', 275),
34 (4, 1, 'Charcoal', 8.95),
35 (5, 3, 'Frisbee', 6.95),
36 (6, 2, 'Pillow', 5.15);
37 ALTER TABLE `wishlist`
38   ADD CONSTRAINT `userid` FOREIGN KEY (`userid`) REFERENCES `users` (`userid`);
39 /*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
40 /*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
41 /*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

Create New Database and SQL User

To create new database on the server, you should follow these steps:

Open **Manage SQL** -> choose **Add SQL database** -> fill **Database name** (database name must be the same of the database name that is exported) -> click **Add** as the following figure:

The screenshot shows the 'ispCP Omega' interface. On the left sidebar, 'MANAGE SQL' is selected, and 'Add SQL database' is highlighted in red. The main content area is titled 'ADD SQL DATABASE'. A red box highlights the 'Database name' input field containing 'web8888888'. Below it, there are radio buttons for 'Before the name' (selected) and 'After the name'. The 'Add' button is also highlighted in red. A red error message 'SPECIFIED DATABASE NAME ALREADY EXISTS!' is displayed above the form. The bottom left corner shows version information: 'ispCP 1.0.7 OMEGA build: 20101124 Codename: Priamos'.

Create new SQL user through click **Add SQL user**

The screenshot shows the 'ispCP Omega' interface. On the left sidebar, 'MANAGE SQL' is selected, and 'Add SQL database' is highlighted in red. The main content area is titled 'MANAGE SQL'. It displays a table with two columns: 'Database Name and Users' and 'Action'. The table has one row with 'web8888888' in the first column and 'Add SQL user' and 'Delete' in the second column. The 'Add SQL user' button is highlighted in red. A red error message 'DATABASE USER LIST IS EMPTY!' is displayed below the table. The bottom left corner shows version information: 'ispCP 1.0.7 OMEGA build: 20101124 Codename: Priamos'.

Fill SQL user name and password Fields -> click Add

The screenshot shows the 'ADD SQL USER' interface in ispCP Omega. The left sidebar contains navigation options: 'MANAGE SQL', 'Overview', 'Add SQL database', 'PhpMyAdmin', and 'Logout'. The main content area has a top navigation bar with icons for 'GENERAL INFORMATION', 'EMAIL ACCOUNTS', 'FTP ACCOUNTS', 'MANAGE SQL', 'WEBTOOLS', 'DOMAIN STATISTICS', and 'SUPPORT SYSTEM'. The 'ADD SQL USER' form is the central focus, with the following elements:

- SQL user name:** A text input field containing 'web8888888'.
- Use numeric ID:** A checkbox that is currently unchecked.
- Positioning:** Two radio buttons: 'In front the name' (unchecked) and 'Behind the name' (checked).
- Password:** A password input field with masked characters (dots).
- Repeat password:** A second password input field with masked characters (dots).
- Buttons:** 'Add' and 'Cancel' buttons at the bottom.

At the bottom left of the sidebar, the version information is displayed: 'ispCP 1.0.7 OMEGA build: 20101124'.

Import Database

To import a database, click on **phpMyAdmin**

The screenshot shows the ispCP Omega dashboard. On the left is a sidebar with 'MANAGE SQL' selected. The main area has a navigation bar with icons for 'GENERAL INFORMATION', 'EMAIL ACCOUNTS', 'FTP ACCOUNTS', 'MANAGE SQL', 'WEBTOOLS', 'DOMAIN STATISTICS', and 'SUPPORT SYSTEM'. Below this is a 'MANAGE SQL' section with a red message: 'SQL USER SUCCESSFULLY ADDED!'. A table lists SQL users:

Database Name and Users	Action
web8888888	Add SQL user Delete
web8888888	PMA phpMyAdmin Change password Delete

At the bottom left, it says 'ispCP 1.0.7 OMEGA build: 20101124 Codename: Priamos'.

Click **Import** -> locate your SQL file from **Brows** button -> click **GO**

The screenshot shows the phpMyAdmin 'Import' screen for 'localhost:3306'. The 'Import' button in the top navigation bar is highlighted with a red box. The main form has a 'Location of the text file' field with a 'Browse...' button highlighted in red. Below it are options for 'web server upload directory', 'Character set of the file' (set to 'utf-8'), and 'Imported file compression'. There is a 'Partial import' section with a checked checkbox for 'Allow the interruption of an import...' and a 'Number of records (queries) to skip from start' field. At the bottom, the 'Format of imported file' section has 'SQL' selected. The 'Options' section shows 'SQL compatibility mode' set to 'NONE'.