

The securemysql Script

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Overview

The `/usr/local/cpanel/scripts/securemysql` script secures a cPanel account's MySQL® configuration. To do this, the script performs the following actions:

- Confirms that MySQL's `root` password exists.
- Changes the `var/db/mysql` and `var/lib/mysql` directories' ownership to the `mysql` user.
- Removes the `anonymous` and `remote root` users.
- Removes the test database.
- Removes the database's `LOCK TABLES` and `TMP TABLES` privileges.

To undo any changes that this script performs, create the `/etc/securemysqldisable` touch file.


The /usr/local/cpanel/scripts/securemysql script

To use this script, run the following command as the `root` user:

```
/usr/local/cpanel/scripts/securemysql [arguments] [actions]
```

Arguments



The `/usr/local/cpanel/scripts/securemysql` script accepts the following arguments:

Argument	Description
<code>-a</code>	Specify additional actions in a comma-separated list. For example: <pre>-a removeanon, removeremoteroot</pre> <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;"><p> Note: To perform all actions on a MySQL database, pass the <code>-a</code> argument without any additional actions.</p></div> <p>For a list of additional actions, view the Options section below.</p>
<code>-F</code>	Execute the script and do not display the help text.
<code>-h</code>	Display the help message.
<code>-q</code>	Execute the script in silent mode.

Actions

You can specify any of the following options in a comma-separated list with the `-a` argument.

Action	Description
<code>removeanon</code>	Remove any anonymous MySQL users.
<code>removetestdb</code>	Remove test database.
<code>removelockntmp</code>	Remove global <code>LOCK TABLES</code> permissions and create <code>TMP TABLES</code> privileges.
<code>removeremoteroot</code>	Remove <code>remote root</code> user login privileges.

removehordeallhosts	<p>Remove insecure Horde login credentials and privileges.</p> <div style="border: 1px solid #f0e68c; padding: 10px;"><p> Note:</p><p>As of cPanel & WHM version 11.50, cPanel & WHM uses SQLite databases to store MySQL user data instead of Horde databases.</p></div>
removehordeblankpass	<p>Remove Horde database users that possess blank login passwords.</p> <div style="border: 1px solid #f0e68c; padding: 10px;"><p> Note:</p><p>As of cPanel & WHM version 11.50, cPanel & WHM uses SQLite databases to store MySQL user data instead of Horde databases.</p></div>

Additional documentation

- [The auto-adjust-mysql-limits Script](#)
- [The dbstoregrants Script](#)
- [The manage_mysql_profiles Script](#)
- [The securemysql Script](#)
- [Troubleshoot MySQL Profiles](#)