

# The horde\_mysqltosqlite Script

## Overview

**Warning:**

Unless your system experiences an error with the Horde data conversion process, do **not** use this script.

The `/usr/local/cpanel/scripts/horde_mysqltosqlite` script transfers and converts Horde user data from a single shared MySQL® database to one-per-cPanel-user SQLite databases. The system executes this script when you upgrade from cPanel & WHM version 11.48 to cPanel & WHM version 11.50. For more information about how to troubleshoot problems with the migration process, read our [How to troubleshoot Horde Data Conversion from MySQL to SQLite](#) documentation.

**Note:**

If the system experiences an error with the conversion process, it sends a notification to the contact details that you added in WHM's *Basic WebHost Manager Setup* interface (*WHM >> Home >> Server Configuration >> Basic WebHost Manager Setup*).

## Script behavior

This script processes the Horde database conversion in following order:

1. Creates a backup of the Horde MySQL database.

**Notes:**

- Retain this backup until you verify that the script successfully converted your Horde data.
- The backup of the Horde MySQL database only occurs if a backup of the database does **not** exist.

2. Checks and repairs any Horde MySQL database schema problems.
3. Converts the Horde user data from a single shared MySQL database to one-per-cPanel-user SQLite databases.
4. Removes the Horde MySQL database.

## Run the `/usr/local/cpanel/scripts/horde_mysqltosqlite` script

**Warning:**

After the conversion process completes successfully, do **not** run this script. If you run this script after the data conversion process finishes, the script **overwrites** previously-converted data.

To run the `/usr/local/cpanel/scripts/horde_mysqltosqlite` script from the command line as the `root` user, use the following format:

Desired action	Command
Convert all users	<pre>/usr/local/cpanel/scripts/horde_mysqltosqlite</pre>
Convert a single user	<pre>/usr/local/cpanel/scripts/horde_mysqltosqlite --user [user]</pre>

Convert multiple users

```
/usr/local/cpanel/scripts/horde_mysqltosqlite --user [user1] [users2] [user3]
```

## Exhaustive argument list

Option	Description
<code>--user user1 [user2] [...]</code>	<p>Use this option to designate specific users to convert.</p> <p><b>Important:</b> If you do <b>not</b> use this option, the script attempts to convert all users.</p>
<code>--force-backup</code>	<p>Use this option to overwrite the MySQL database backup if a backup already exists.</p> <p><b>Important:</b> Do <b>not</b> use this option unless you wish to <b>overwrite</b> a corrupt MySQL Horde database backup.</p> <p><b>Note:</b> For more information about this option, read our <a href="#">How to Troubleshoot Horde Data Conversion from MySQL to SQLite</a> documentation.</p>
<code>--no-backup</code>	<p>Use this option to skip the MySQL database backup during the conversion process.</p> <p><b>Note:</b> For more information about this option, read our <a href="#">How to Troubleshoot Horde Data Conversion from MySQL to SQLite</a> documentation.</p>
<code>--no-convert</code>	<p>Use this option to run the script without the conversion process.</p> <p><b>Note:</b> You can use this option to perform the other functions of this script. For example, you can use this option to repair the Horde MySQL database.</p>
<code>--no-fix-schema</code>	<p>Use this option to skip the script's Horde MySQL database schema repair function.</p>
<code>--no-drop</code>	<p>Use this option skip the Horde MySQL database removal at the end of the conversion.</p>

<pre>--force-drop</pre>	<p>Use this option to force the script to remove the Horde MySQL database when the conversion finishes.</p> <p><b>Note:</b> This script <b>only</b> removes the Horde MySQL database after a successful conversion of all Horde user data.</p> <p><b>Warning:</b> <b>Only</b> use this flag after you have converted all Horde user data.</p>
<pre>--replace-dest-db</pre>	<p>Use this option to move the existing SQLite database and create a new one.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Use this option to reprocess a failed conversion for a single user.</li> <li>• You can use this option with the <code>--user</code> option to specify multiple users.</li> </ul>
<pre>--verbose</pre>	<p>Use this option to generate additional output details.</p>
<pre>--help</pre>	<p>Use this option to show all of the available options for this script.</p>

## Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)

- [How to Troubleshoot Horde Data Conversion from MySQL to SQLite](#)
- [The horde\\_mysqltosqlite Script](#)
- [How to Set Up Webmail Folders](#)
- [Guide to Horde Data Behavior](#)
- [SQL](#)
- [How to Troubleshoot Horde Data Conversion from MySQL to SQLite](#)
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- SQL
- Tutorial - Integrate Custom Webmail Applications
- cPanel API 1 Functions - Mysql::adduserdb
- UAPI Functions - Mysql::add\_host\_note
- cPanel API 2 Functions - MysqlFE::userdbprivs
- cPanel API 2 Modules - MysqlFE