

# How to Restore Database Grants

## Overview

Use the `restoregrants` utility to restore the user's database access  
How to update the cPanel user's password to restore database access  
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## Overview

If a database user loses access to databases, you can restore the user's grants to the database with the `restoregrants` utility.

## Use the `restoregrants` utility to restore the user's database access

Execute either of the following commands from the command line:

```
/usr/local/cpanel/bin/restoregrants --cpuser=$cpuser --db={mysql, pg}  
--dbuser=$dbuser
```

```
/usr/local/cpanel/bin/restoregrants --cpuser=$cpuser --db={mysql, pg}  
--all
```

The following table describes the variables in the example above:

Variable	Description
<code>\$cpuser</code>	The cPanel username that has lost access to databases.
<code>{mysql, pg}</code>	The type of database: <code>mysql</code> for MySQL® or <code>pg</code> for PostgreSQL®.
<code>\$dbuser</code>	The database user whose privileges you wish to restore. If you use the <code>--dbuser</code> flag, the <code>\$dbuser</code> variable will consist of the database user's name. If you use the <code>--all</code> flag, the script will restore grants for all of the database users that the cPanel account owns.

## How to update the cPanel user's password to restore database access

In certain circumstances, the `restoregrants` script may fail to restore database access. If this occurs, either the cPanel user or the WHM user who owns the account can reset the cPanel account's password to restore grants.

- cPanel users can reset their account passwords in cPanel's [Password & Security](#) interface (*cPanel >> Home >> Preferences >> Password & Security*).
- WHM users can reset the password in WHM's [List Accounts](#) interface (*WHM >> Home >> Account Information >> List Accounts*).

## Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [How to Restore Database Grants](#)
- [The dbmptool Script](#)
- [The dbstoregrants Script](#)
- [The manage\\_mysql\\_profiles Script](#)

- [The rebuild\\_dbmap Script](#)
  
- [MySQL Databases](#)
- [PostgreSQL Database Wizard](#)
- [PostgreSQL Databases](#)
- [Remote MySQL](#)
- [MySQL Database Wizard](#)
  
- [How to Restore Database Grants](#)
- [Server Profiles Roadmap](#)
- [The dbmptool Script](#)
- [The dbstoregrants Script](#)
- [The manage\\_mysql\\_profiles Script](#)
  
- [cPanel API 1 Functions - Mysql::adduserdb](#)
- [UAPI Functions - Mysql::get\\_privileges\\_on\\_database](#)
- [cPanel API 1 Functions - Mysql::updateprivs](#)
- [UAPI Functions - Mysql::add\\_host\\_note](#)
- [cPanel API 2 Functions - MysqlFE::userdbprivs](#)