How to Restore a User's Database Access

Overview

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

The restoregrants script

To use the `restoregrants` script to restore the user's database access, run one of the following commands from the command line:

```
/usr/local/cpanel/bin/restoregrants --cpuser=$cpuser --db=$type --dbuser=$dbuser
/usr/local/cpanel/bin/restoregrants --cpuser=$cpuser --db=$type  --all
```

The following table lists the variables that the above examples use:

Variable	Represents	Example
`$cpuser`	The cPanel username who lost access to their databases.	`username`
`$type`	The type of database: • `mysql` for MySQL • `pg` for PostgreSQL®	`mysql`
`$dbuser`	The database user whose privileges you wish to restore. • If you use the `--dbuser` flag, `$dbuser` represents the database user. • If you use the `--all` flag, the script restores grants for all of the database users that belong to the cPanel account.	`dbusername`

Update the cPanel user's password

In certain circumstances, the `restoregrants` script may fail to restore access to the database.

If the script fails, either the cPanel user or the WHM user who owns the account (the reseller or system administrator) can reset the cPanel account's password to restore grants.

The cPanel user can restore grants with the following steps:

1. Navigate to cPanel's *Password & Security* interface *(cPanel >> Home >> Preferences >> Password & Security)*.
2. Select *Allow MySQL password change*.
3. Enter the old password in the *Old Password* text box.
4. Enter a new password in the *New Password* and *New Password (again)* text boxes.
5. Click *Change your password now*.

The server administrator or reseller can restore grants with the following steps:

1. Navigate to WHM's *List Accounts* interface *(WHM >> Home >> Account Information >> List Accounts)*.
2. Click the + link next to the appropriate account.
3. Select *Sync MySQL password with account password*.
4. Enter a new password in the *Change Password* text box.
5. Click *Change*.

Additional documentation

- How to Restore a User's Database Access
- Create an Amazon RDS Instance
- SQL
- Install or Update PostgreSQL on Your cPanel Server
- How to Resolve Password Authentication Failed Errors in PostgreSQL