Migrate Ezeelogin to the latest version from any previous release

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How to migrate Ezeelogin installation from the old server to the new server?

Contact **support@ezeelogin.com** to issue the temporary license for migration.

Overview: This article will help Ezeelogin super admin users to migrate Ezeelogin from an old server to a new server with the latest version, without affecting the settings and configurations ensuring you are running the most recent version of PHP supported.

Make sure to **synchronize the database** before proceeding with any of the methods if a cluster exists. If no cluster is being used, skip this step and proceed with the remaining steps.

Method 1: If the old server has MySQL connectivity to the new server, follow the steps below. Otherwise, proceed with **Method 2**.

Install dependency packages of the new OS. Refer **detailed article to install dependency packages**.

On the old server

Step 1. Log in to the old server and check if it has MySQL connectivity to the new server.

```
root@old_server:~# telnet new_server_ip 3306
```

Step 2. Execute the command below to fetch the database credentials from the old server.

```
root@old_server:~# php /usr/local/ezlogin/eztool.php -show_db_credentials
```

On the new server

Step 3. Download the latest Ezeelogin package to the new server. Check the **billing portal** to find the most recent version.

```
root@new_server:~# wget https://downloads.ezeelogin.com/ezlogin_7.xx.xx_php82.bin    #For PHP 8.2 and above

root@new_server:~# wget https://downloads.ezeelogin.com/ezlogin_7.xx.xx_php81.bin    #For PHP 8.1
```

Step 4. Install Ezeelogin on new server with correct parameters from old server.

root@new_server:~# sh **ezlogin_7.xx.xx_php82.bin** -- -migrate -old_dbhost **oldserver_ip** -old_dbport **3306** -old_dbuser **ezlogin_user** -old_dbpass '**password**' -old_dbname **ezlogin_dbname** -old_dbprefix **prefix_**

eg: sh ezlogin_7.38.0_php82.bin -- -migrate -old_dbhost 192.168.56.216 -old_dbport 3306 -old_dbuser ezlogin_hzi -old_dbpass 'Bb.UB2*wh7$)KtPRb9$X2ks' -old_dbname ezlogin_iyust -old_dbprefix jby_

On the old server

Step 5. After successful installation, make sure to copy the required files from old server.

```
root@old_server:~# rsync -art /usr/local/etc/ezlogin/build.dat root@new_server_ip:/usr/local/etc/ezlogin/
root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_clkey root@new_server_ip:/usr/local/etc/ezlogin/
root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_clkey.pub root@new_server_ip:/usr/local/etc/ezlogin/
root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_key root@new_server_ip:/usr/local/etc/ezlogin/
root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_key.pub root@new_server_ip:/usr/local/etc/ezlogin/

root@old_server:~# rsync -art /var/log/ezlogin/* root@new_server_ip:/var/log/ezlogin/
```

Log in to the Ezeelogin software GUI and shell (ezsh), and add a test server and test user to ensure everything is working correctly!

After completing the migration and log file transfer, ensure that all user logins and activities are conducted through the new server, and discontinue access to the old one to maintain consistency and prevent conflicts.

Method 2: If the old server has no MySQL connection to the new server, manually back up and restore the database to the new server, then install Ezeelogin.

Install dependency packages of the new OS. Refer **detailed article to install dependency packages**.

On the old server

Step 1. Backup full database from old server.

```
root@old_server:~# mysqldump -u root $(grep -oP 'db_name\s+\K\S+' /usr/local/etc/ezlogin/ez.conf) > $(grep -oP 'db_name\s+\K\S+' /usr/local/etc/ezlogin/ez.conf)_backup.sql
```

Step 2. Copy database dump file to new server.

```
root@old_server:~# scp $(grep -oP 'db_name\s+\K\S+' /usr/local/etc/ezlogin/ez.conf)_backup.sql root@new_server_ip:/root/
```

On the new server

Step 3. Create and restore the database on new server.

```
root@new_server:~# ls ezlogin_*                                    #to find the backup file

root@new_server:~# mysql -u root -p -e "create database database_name;"       #create database

eg: mysql -u root -p -e "create database ezlogin_iyust;"

root@new_server:~# mysql -u root -p database_name < /database_backup.sql      #restore database

eg: mysql -u root -p ezlogin_iyust < ezlogin_iyust_backup.sql
```

Step 4. Install Ezeelogin on new server with correct parameters.

```
root@new_server:~# sh ezlogin_7.xx.xx_php82.bin -- -migrate -old_dbhost localhost -old_dbport 3306 -old_dbuser root -old_dbpass 'root_password' -old_dbname ezlogin_dbname -old_dbprefix prefix_

eg: sh ezlogin_7.38.0_php82.bin -- -migrate -old_dbhost localhost -old_dbport 3306 -old_dbuser root -old_dbpass 'Bb.UB2*wh7$)KtPRb9$X2ks' -old_dbname ezlogin_iyust -old_dbprefix jby_
```

On the old server

Step 5. After successful installation, make sure to copy the required files from old server.

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root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_clkey root@new_server_ip:/usr/local/etc/ezlogin/
root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_clkey.pub root@new_server_ip:/usr/local/etc/ezlogin/
root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_key root@new_server_ip:/usr/local/etc/ezlogin/
root@old_server:~# rsync -art /usr/local/etc/ezlogin/id_key.pub root@new_server_ip:/usr/local/etc/ezlogin/

root@old_server:~# rsync -art /var/log/ezlogin/* root@new_server_ip:/var/log/ezlogin/
```

Log in to the Ezeelogin software GUI and shell (ezsh), and add a test server and test user to ensure everything is working correctly!

After completing the migration and log file transfer, ensure that all user logins and activities are conducted through the new server, and discontinue access to the old one to maintain consistency and prevent conflicts.

How to install slave for the newly migrated Ezeelogin?

Slave should be freshly installed for the newly migrated Ezeelogin. Refer **detailed article to install slave node**.

Online URL: https://www.ezeelogin.com/kb/article/migrate-ezeelogin-to-the-latest-version-from-any-previous-release-731.html