# how to create a complete backup of ezeelogin installation?

70  admin  February 22, 2024  [Migration & Maintenance](#)  8161

### How do I create a complete backup of my Ezeelogin installation?

Execute the command  **/usr/local/sbin/backup_ezlogin.php**  and this would create a binary executable backup archive in  **/var/ezlogin_backup_xx_x.bin.**

The directory /var/log/ezlogin stores the user SSH sessions that are recorded. This dir could run into a huge size ( 1GB >) which would cause the backup script to take longer to complete ( The log dir has to be tarred and then gzip'ed compressed which is time-consuming and resource intensive).  In such, cases it's advisable to skip the log directory while running the backup script as follows.

[root@vectro ~]#  **/usr/local/sbin/backup_ezlogin.php -nologs**

```
[root@vectro ~]# /usr/local/sbin/backup_ezlogin.php


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 #     Ezeelogin Backup     #

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Checking environment... done (1797)

 Based on your command line parameters, you may be prompted to enter
the missing settings. The default value will be given in   bold   .
Simply pressing enter key will choose the default value.

 Creating directories... done (4914)
```

```
 Copying files... |

done (4986)

 Backup database... done (5236)

 Backup logs... done (5244)

 Creating executable archive...

 ####################################################

 Ezeelogin backup created:
/var/ezlogin_backup_v7.8.0_b381_Thu_Oct_04_2018_09_10_32_UTC.bin

 (Log:    /var/log/ezlogin_backup.log    )

 ####################################################

 For free assistance, please contact    support@ezeelogin.com



 Thank you for choosing Ezeelogin.

 www.ezeelogin.com
```

--> You may store this backup archive generated in /var/ezlogin_backup.x.x remotely, in case you need to restore it when your primary node is unrecoverable.
--> When your primary node goes down, all you need is to migrate the license to the new IP from the portal and execute the backup archive on the server and you are ready to go..

**To restore ezeelogin** , simply execute the archive created.

```
 [root@vectro ~]#
/var/ezlogin_backup_v7.8.0_b381_Thu_Oct_04_2018_09_10_32_UTC.bin

 Creating directory
ezlogin_backup_v7.8.0_b381_Thu_Oct_04_2018_09_10_32_UTC
```

```
 Verifying archive integrity... All good.

 Uncompressing Ezeelogin 7.8.0 backup (Thu_Oct_04_2018_09_10_32_UTC).
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 #     Ezeelogin Restore      #

 ##########################
done (1797)

 Required PHP extensions...

 mysqli    ->   Success
```

```
 openssl    ->   Success

 posix     ->   Success

 pcre    ->   Success

 json    ->   Success

 curl    ->   Success

 mcrypt    ->   Success

 Required PHP functions...

 exec    ->   Success

 proc_open    ->   Success

 proc_close    ->   Success

 fopen    ->   Success

 fsockopen    ->   Success

 file    ->   Success

 file_get_contents    ->   Success

 escapeshellarg    ->   Success

 preg_match    ->   Success

 ini_get    ->   Success

 Operating system:   Linux (x86_64)

 PHP version:   5.3.3

done (1863)
```

 Based on your command line parameters, you may be prompted to enter the missing settings. The default value will be given in   bold   . Simply pressing enter key will choose the default value.

Checking database connectivity.done (3107)

```
Checking database availability.done (3121)

Review settings:

 Install web panel files in        : /var/www/html/ezlogin/

 Install web panel system files in        : /var/www/ezlogin/

 URI path to access web panel        : /ezlogin/

 MySQL server        : localhost

 MySQL port/socket        : /var/lib/mysql/mysql.sock

 Force HTTPS for web panel?        : no

 Secure MySQL connection?        : no

 Accept the above settings? (    y    /n/x) : y


 Creating and setting up database... done

 Adding ezsh to shells... done

 Creating group and users... done

 Restoring logs... done

 Creating directories... done

 Copying files... |

 ERROR copying: setup/crontab -> ezadmin

 done

 Setting access...
done

 Setting file modes
done
```

```
 Setting file owners...

done

 Setting file groups...

ERROR chgrp: ezadmin -> root

 done

 Setting up config... done

 Setting up cron... done

 Downloading GeoLiteCity database from www.maxmind.com... /root/ezlog
in_backup_v7.8.0_b381_Thu_Oct_04_2018_09_10_32_UTC/setup/setup.php on
line

 done




 ######################################################

 Ezeelogin restored. (Log:   /var/log/ezlogin_restore.log   )

 ######################################################

 Please check the log file.

 For assistance, please contact support with the content of the log
file.



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 Web panel installed at:

     '   /var/www/html/ezlogin/   '

     (   http://yourdomain.com/ezlogin/   ).

 #############################################################
```

```
 Note:    Please check the log file to see if any error occurred.



 TODO NOTES:

 Enable web server, MySQL server and cron to startup at boot time.

 For free assistance, please contact    support@ezeelogin.com

 Thank you for choosing Ezeelogin.

 www.ezeelogin.com
```

**--> Following shows the help menu for restoring Ezeelogin**

```
root@gateway:#
/var/ezlogin_backup_v7.25.4_b381_Fri_Apr_16_2021_17_24_32_IST.bin --
-help
Creating directory
ezlogin_backup_v7.25.4_b381_Fri_Apr_16_2021_17_24_32_IST
Verifying archive integrity... All good.
Uncompressing Ezeelogin 7.25.4 backup (Fri_Apr_16_2021_17_24_32_IST).
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#########################
# Ezeelogin Restore #
#########################
```

```
Options:

-help : Show this help
 -www <path> : Path from where web server will serve the web panel
files
 -sys <path> : Path where web panel will search for its system files
 -uri <path> : Request URI path to access the web panel
 -dbhost <host> : Specify hostname or IP address of MySQL server
 -dbport <port> : Specify the port MySQL server is listening on
 -dbsuser <username> : Specify database super (root) user name
 -dbspass <password> : Specify database super (root) user password
 -force_https <yes/no> : Whether to force HTTPS for web panel
 -noauto : Prompt for options
 -usebin <absolute_path> : Use the provided binary package instead of
downloading
 -lic_timeout <seconds> : Timeout for connecting to Ezeelogin license
server. Default: 30
 -proxy_host <host> : Proxy host for connecting to Ezeelogin license
server
 -proxy_port <port> : Proxy port for connecting to Ezeelogin license
server
 -proxy_user <username> : Proxy user for connecting to Ezeelogin
license server
 -proxy_pass <password> : Proxy pass for connecting to Ezeelogin
license server
 -mysql_encrypt <yes/no> : Whether to enable secure mysql connection
 -mysql_ssl_key <absolute_path> : Path to the private key file for
secure MySQL connection
 -mysql_ssl_cert <absolute_path> : Path to the public key certificate
file for secure MySQL connection
 -mysql_ssl_ca <absolute_path> : Path to the certificate authority
file for secure MySQL connection
 -mysql_ssl_capath <absolute_path> : Path to a directory containing
trusted CA certificates for secure MySQL connection
 -mysql_ssl_cipher <ciphers> : List of *allowed* ciphers to be used
for the encryption, separated by colons (':')
 -mysql_ssl_verify <yes/no> : Whether to verify the server
certificate for secure MySQL connection
```

**If you want to restore the Ezeelogin database on a different database host you need to specify the**

**DB host, port, etc while restoring.**

**Following is an example of restoring Ezeelogin on the remote database.**

```
 sh ezlogin_backup_v7.25.4_b381_Fri_Apr_16_2021_17_24_32_IST.bin --
-dbhost 192.168.1.8 -dbport 3306 -dbsuser root -dbspasswd
```

**Follow the step below if you want to do the restore in one step with your existing settings and without being prompted.**

```
 sh ezlogin_ backup _v7.9.0_b381_Wed_Feb_13_2019_23_26_03_IST.bin      -- -skipgeolite -auto
-force -ACCEPT_SETTINGS -I_ACCEPT_EULA
```

Replace the backup filename with your backup file.

 How to change the default backup directory?

**You need to check the /var/log/ezlogin_backup.log and /var/log/ezlogin_restore.log to see if any errors occurred during the backup and restore process**