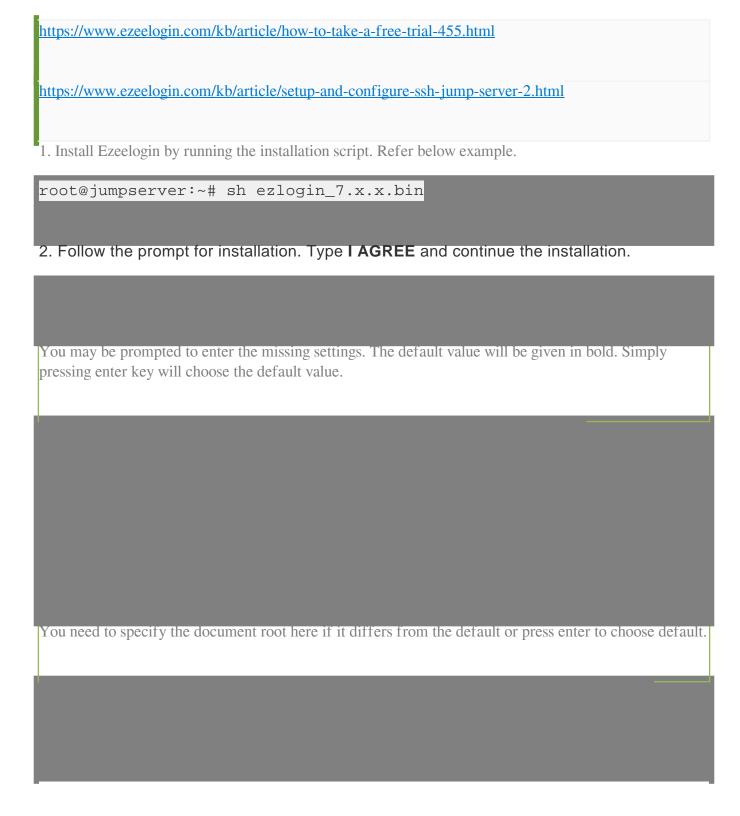
Install Master/Slave Ezeelogin with MySQL SSL

516 Nesvin KN July 16, 2022 Installation 2592

How to install master Ezeelogin with secure MySQL

Refer article to take a trial license and install dependencies according to the OS you are running.

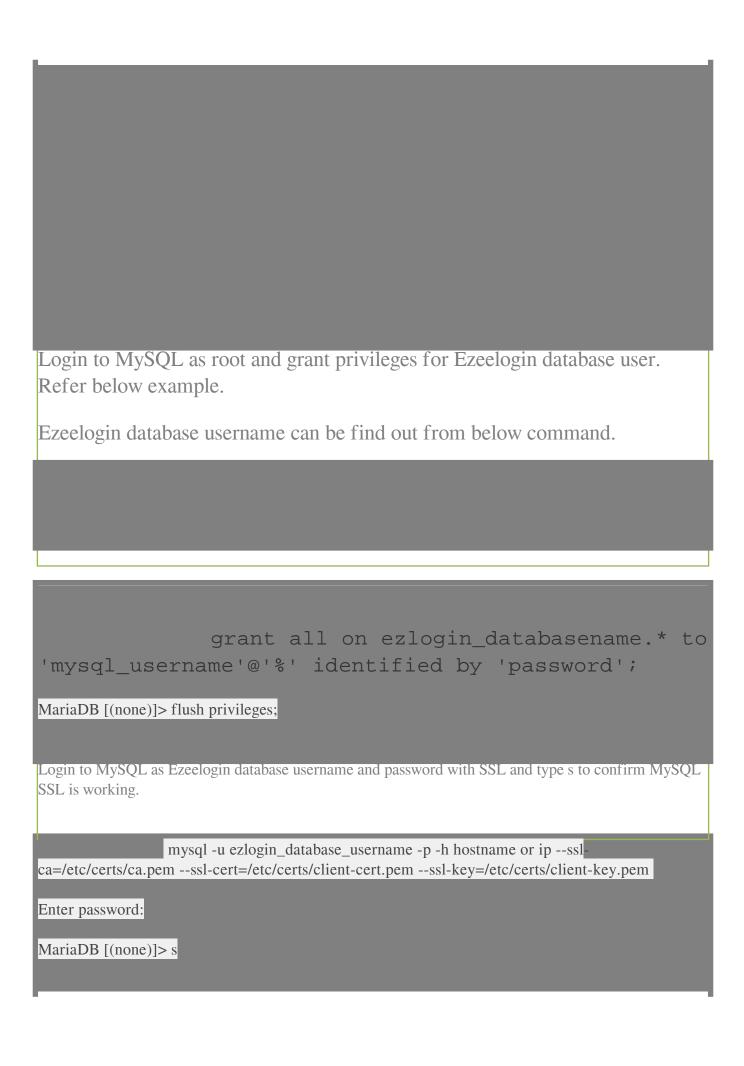


If you need to access the Ezeelogin jump server web panel as www.yourdomain.com choose "/" &
change your document root to {your existing document root}/ezlogin. For example, If your document
root is /var/www/html change to /var/www/html/ezlogin, else press enter to choose default
Using remote database server for Ezeelogin database
Enter the hostname/IP address of the remote database server or use localhost, if you are going to run the
database server on the current server.
How to configure Ezeelogin on AWS-RDS Remote Database?
· —

Grant connectivity to Ezeelogin server hostname/IP on the remote database server. This is not required if your MySQL server is running on localhost.
mysql> GRANT ALL PRIVILEGES ON *.* TO 'root'@'%' IDENTIFIED BY 'PASSWORD' WITH GRANT OPTION;
mysql> flush privileges;
Type yes and follow the below steps to install Ezeelogin with secure MySQL.
Enable this option to use MySQL SSL connectivity when using a
cluster so that mysql communication between the primary and
secondary gateways would be encrypted
Do you want to use secure MySQL connection (yes/no) ? (no): yes
Provide the path to the private key file in provided space and continue.
Frovide the path to the private key rife in provided space and continue.

Provide the path to the public key file in provided space and continue.
Provide the path to the CA file in provided space and continue.
Continue with the default settings.
Type in Ezeelogin super admin username and password in the specific field or enter to install with default username and password.
Enter the ezlogin Administrator username (less than 21 chars).

```
This user should not exist on this system. It will be created.
admin user ( ezadm118 ):
Enter the password for ezlogin Administrator.
admin password ( }AkJy.%R3TQaX(P ):
Enter the security code for ezlogin Administrator.
security code ( FlyW6x7Lbz ):
Continue with the default settings.
You can review the settings and continue to install Ezeelogin.
```



```
SSL: Cipher in use is DHE-RSA-AES256-SHA
Connection: 127.0.0.1 via TCP/IP
SSL cipher is displayed, indicating that SSL is being used to secure our connection.
```

How to install slave Ezeelogin with secure MySQL

Refer below article to install the secondary node.

https://www.ezeelogin.com/kb/article/install-slave-secondary-node-for-high-availability-in-jump-server-21.html

1. Install secondary Ezeelogin by running the installation script. Refer below example.

```
root@jumpserver:~# sh ezlogin_7.x.x.bin --
-secondary slave_ip -othernode master_ip
```

2. Follow the prompt for installation. Type I AGREE and continue the installation.

Type "I AGREE" and press enter to accept the license:

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.

Enter the path where web panel files should be installed.

This path should be accessible via a web browser.

The directory should not exist, but its parent directory should exist.

path to install web panel files (/var/www/html/ezlogin):

You need to specify the document root here if it differs from the default or press enter to choose default.

Enter the path where web panel system files should be installed.

This should be preferably outside the DocumentRoot (should not be accessible via web browser) for security reasons.

If safe_mode restriction is enabled, this path should be allowed for include with safe mode include dir

```
The directory should not exist, but its parent directory should exist.
```

```
path to install web panel system files ( /var/www/ezlogin ):
```

If you need to access the Ezeelogin jump server web panel as www.yourdomain.com choose " / " & change your document root to {your existing document root}/ezlogin. For example ,If your document root is /var/www/html change to /var/www/html/ezlogin , else press enter to choose default

```
For example, if the DocumentRoot of http://www.yourdomain.com/ is /usr/local/apache/htdocs/yourdomain and you specified /usr/local/apache/htdocs/yourdomain/ezlogin as path to install web panel, the web panel would be accessible as http://www.yourdomain.com/ezlogin/. In this case the REQUEST-URI would be '/ezlogin/'.

If you specified DocumentRoot itself as the path to install web panel files, it would be '/'
```

Using remote database server for Ezeelogin database

URI path to access the web panel (/ezlogin/):

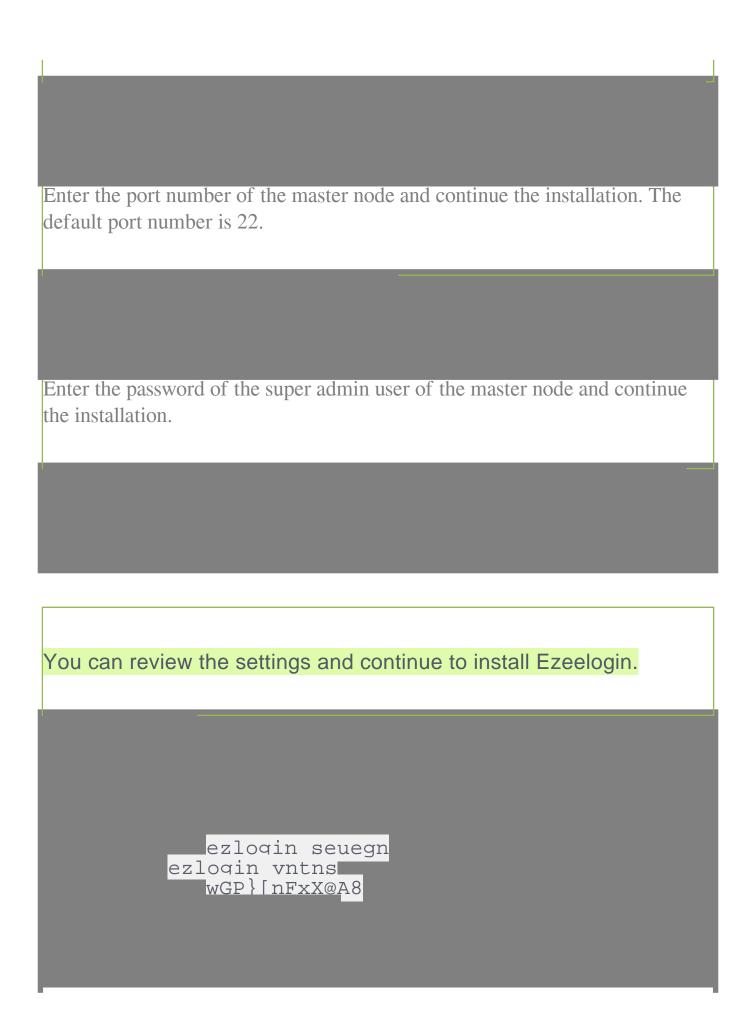
Enter the hostname/IP address of the remote database server or use localhost, if you are going to run the database server on the current server.

How to configure Ezeelogin on AWS-RDS Remote Database?

```
MySQL server ( localhost ):
MySQL port/socket ( 3306 ):
Entertenon required of Sour Wy SQL: server sname lifty on the atmost partabase server.
mysql> GRANT ALL PRIVILEGES ON *.* TO 'root'@'%' IDENTIFIED BY 'PASSWORD'
WITH GRANT OPTION:
mysql> flush privileges;
MySQL super user ( root ):
```

```
Type yes and follow the below steps to install Ezeelogin with secure MySQL.
Enable this option to use MySQL SSL connectivity when using a
cluster so that mysql communication between the primary and
secondary gateways would be encrypted
Do you want to use secure MySQL connection (yes/no) ? ( no ): yes
Provide the path to the private key file in provided space and continue.
: /etc/certs/client-key.pem
Provide the path to the public key file in provided space and continue.
Path to the public key certificate file: /etc/certs/client-cert.pem
```

Provide the path to the CA file in provided space and continue. Path to the certificate authority file: /etc/certs/ca.pem Path to a directory containing trusted CA certificates: /etc/certs/ Continue with the default settings. List of *allowed* ciphers to be used for the encryption, separated Enter the super username of the master node and continue the installation.



Login to MySQL as root and grant privileges for Ezeelogin database user. Refer below example.

Ezeelogin database username can be find out from below command.

```
root@secondary ~]# php /usr/local/ezlogin/eztool.php
-show_db_credentials
```

```
MariaDB [(none)]> grant all on ezlogin_databasename.*
to 'mysql_username'@'%' identified by 'password';
```

MariaDB [(none)]> flush privileges;

Refer article to troubleshoot and verify MySQL SSL in secondary node

https://www.ezeelogin.com/kb/article/troubleshooting-mysql-ssl-in-secondary-node-517.html

Refer articles to configure Ezeelogin to use SSL for MySQL

How to configure Ezeelogin to use SSL for MySQL version 5.7?

How to configure Ezeelogin to use SSL for MySQL version 5.5?

Online URL:

https://www.ezeelogin.com/kb/article/install-master-slave-ezeelogin-with-mysql-ssl-516.html