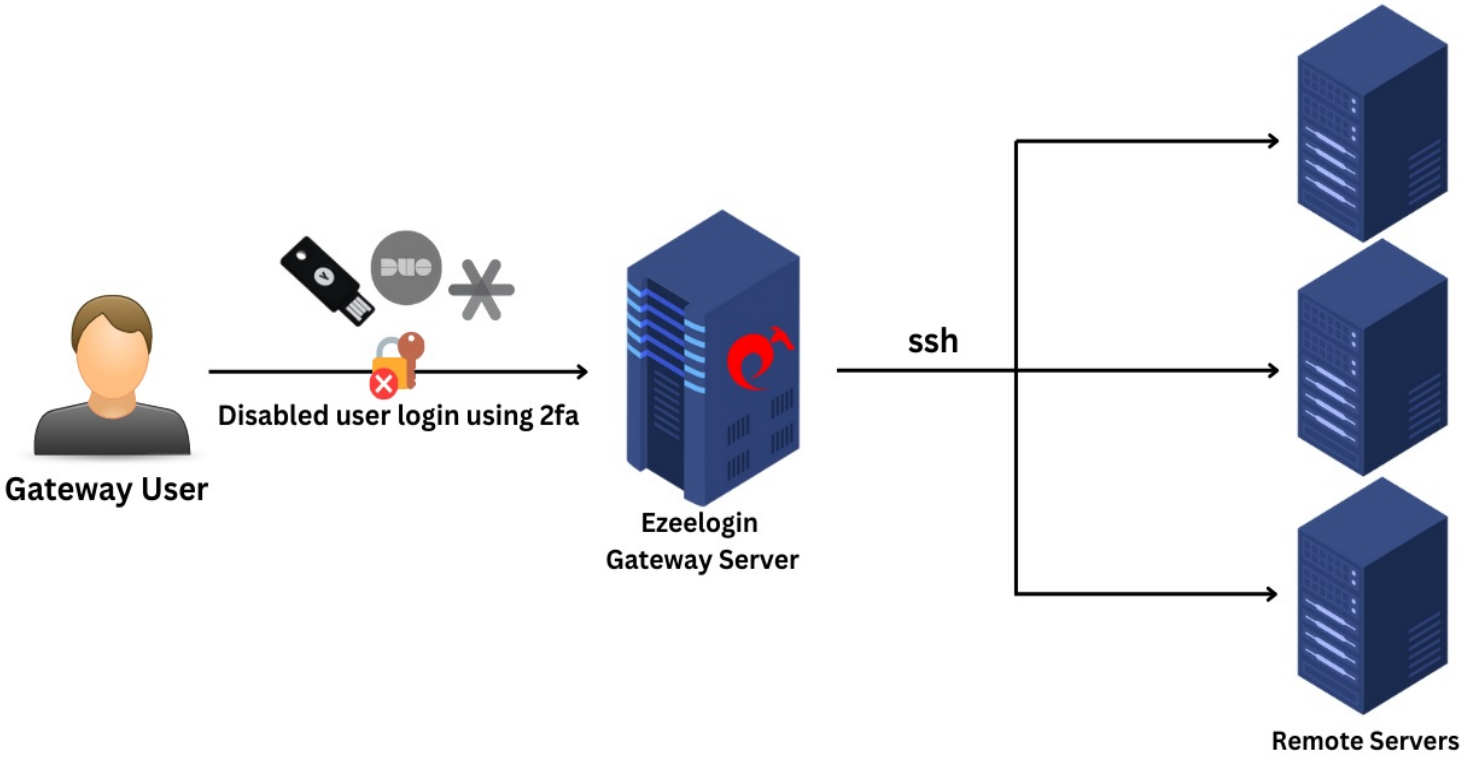
Disable two factor authentication from backend

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How do I disable Two Factor Authentication (Google, Yubikey, Access Keyword, DUO) for admin and other users?

Overview: This article describes how to disable Two Factor Authentication (Google, Yubikey, Access Keyword, DUO) for admin and other users in Ezeelogin Version 7 and above and Ezeelogin Version 6 and below, using specific commands through the terminal.



In Ezeelogin Version 7 and higher, managing two-factor authentication (2FA) settings for admin users involves executing specific commands through the terminal. This guide provides step-by-step instructions on how to disable 2FA for both the admin user and all enabled 2FA methods (Google Authenticator, Yubikey, Access Keyword, DUO).

For Ezeelogin Version 7 and above.

1. Disable force 2fa.

Step 1(A): To disable force two-factor authentication for the admin user, follow these commands:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings SET value = 0 WHERE name = 'two_factor_auth'"
```

2. Clearing enabled 2fa methods.

Step 2(A): If you need to disable enabled 2FA methods (Google Authenticator, Yubikey, Access Keyword, DUO), use the following command:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set egs=NULL,eak=NULL,eyk=NULL,set_duo=0 where id=1"
```

To clear specific 2fa, run the following command. (Based on which 2fa you need to disable use the abbreviation accordingly)

Note the Abbreviations :

egs= Google Authenticator

eyk= Yubikey

eak = Access Keyword

set_duo = DUO 2fa

Clearing specifically enabled 2fa's.

1. Clearing DUO.

To clear DUO alone for admin users run the following command :

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set set_duo=0 where id=1"
```

2. Clearing Google authenticator.

To clear Google auth alone for admin users run the following command :

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set egs=NULL where id=1"
```

3.Clearing Access Keyword.

To clear the access keyword alone for the admin users run the following command :

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set eak=NULL where id=1"
```

4. Clearing Yubikey.

To clear Yubikey alone for admin users run the following command :

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set eyk=NULL where id=1"
```

5. Clearing Fido2.

To clear Fido2 alone for admin users run the following command :

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "delete from prefix_user_fido2 WHERE user_id = '1'"
```

For Specific Users

3. Clearing 2fa for specific Users.

Step 3(A): To clear force two-factor authentication for the specific user, follow these commands:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings SET value = 0 WHERE name = 'two_factor_auth'"
```

4. Clearing enabled 2fa Methods for Specific User.

Step 4(A): If you need to clear all enabled 2FA methods (*Google Authenticator, Yubikey, Access Keyword, DUO*), use the following command:

Replace with a username with the user you want to disable.

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set egs=NULL,eak=NULL,eyk=NULL,set_duo=0 where username='tom'"
```

For All Users

5. Disabling 2fa methods for all users.

Step 5(A): To disable 2fa for all users, run the following command:

Run the below command to clear force 2fa:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings SET value = 0 WHERE name = 'two_factor_auth'"
```

Run the below command to disable 2fa for all gateway users:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings set value='N' where name='enable_access_keyword' OR name='enable_google_authenticator' OR name='enable_yubikey' OR name='enable_duo' OR name='enable_fido2' OR name='enable_radius_2fa'"
```

Step 5(B): To **clear 2fa for all users**, run the following command. (Based on which 2fa you need to disable use the abbreviation accordingly)

> **Note** that all gateway users need to ***reconfigure*** after any 2FA authentication has been disabled for all users.

Run the below command to clear force 2fa:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings SET value = 0 WHERE name = 'two_factor_auth'"
```

Run the below command to clear 2fa for all users:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set egs=NULL,eak=NULL,eyk=NULL,set_duo=0"
```

6. Disabling radius 2fa method for all users.

Step 6(A): To disable Radius two-factor authentication for all users, run the following command.

Run the below command to clear force 2fa:

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings SET value = 0 WHERE name = 'two_factor_auth'"
```

Run the below command to disable Radius 2fa method.

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_settings set value='N' where name='enable_radius_2fa'"
```

For all user group

7. Clearing force 2fa for all user groups.

Step 7(A): To clear Force two-factor authentication (2FA) for All user groups, run the following command.

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php  " update prefix_usergroups SET force_tfa = 'N'"
```

Individual user group

8. Clearing enabled 2fa methods for individual user group.

Step 8(A): To clear Force two-factor authentication (2FA) for Individual user group, run the following command. Replace the '**usergroup_name**' with your user group.

```
root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php  " update prefix_usergroups SET force_tfa = 'N' where name = '**usergroup_name**'"
```

For Ezeelogin Version 6 and below.

9. For Ezeelogin Version 6 and below:

Step 9(A): Find the **database name** and **database prefix** from **/usr/local/etc/ezlogin/ez.conf** in the Ezeelogin gateway server.

```
root@gateway:~# cat /usr/local/etc/ezlogin/ez.conf

system_folder /var/www/ezlogin/

force_https yes

uri_path /

db_host localhost

db_port /var/run/mysqld/mysqld.sock

db_name ezlogin_por

db_user ezlogin_cxy

db_pass ymhbtPaY)VzD2g]84

db_prefix casmbn_

cookie_encryption_key D8$Frp5fF_FF

cookie_name rlbup

cookie_path /

www_folder /var/www/html/ezlogin/

admin_user ezadmin

mysql_encrypt no
```

Step 9(B): Login to MySQL command prompt. Replace the placeholders "**db_user**" and "**db_name**" with the corresponding values found in the configuration file located at **/usr/local/etc/ezlogin/ez.conf** on your Ezeelogin jump server. You can locate the database password under the identifier "**db_pass**" within the same configuration file.

```
root@gateway:~# mysql -u  db_user -p  db_name
```

Step 9(C): Run the following command to disable two-factor authentication (2FA) for the admin user. Replace "**dbprefix_**" with the value of dbprefix_ in **/usr/local/etc/ezlogin/ez.conf** of your Ezeelogin jump server. For example " **dbprefix_settings** " is to be replaced with " **casmbn_settings** " here.

```
UPDATE dbprefix_settings SET value = 0 WHERE name = 'two_factor_auth' ;

UPDATE dbprefix_users SET egs=NULL,eak=NULL,eyk=NULL,set_duo=NULL where id=1;
```

Step 9(D): Run the following command to disable two-factor authentication (2FA) for all users.

```
UPDATE dbprefix_users SET egs=NULL,eak=NULL,eyk=NULL,set_duo=0;
```

> You have to use the **correct db_name** and **dbprefix** from **ez.conf** if you are running the MySQL commands manually.

Related Articles:

Enforce 2fa on user login.
Reset 2fa on Ezeelogin user.
Disable 2fa from GUI.

Online URL: https://www.ezeelogin.com/kb/article/disable-two-factor-authentication-from-backend-68.html