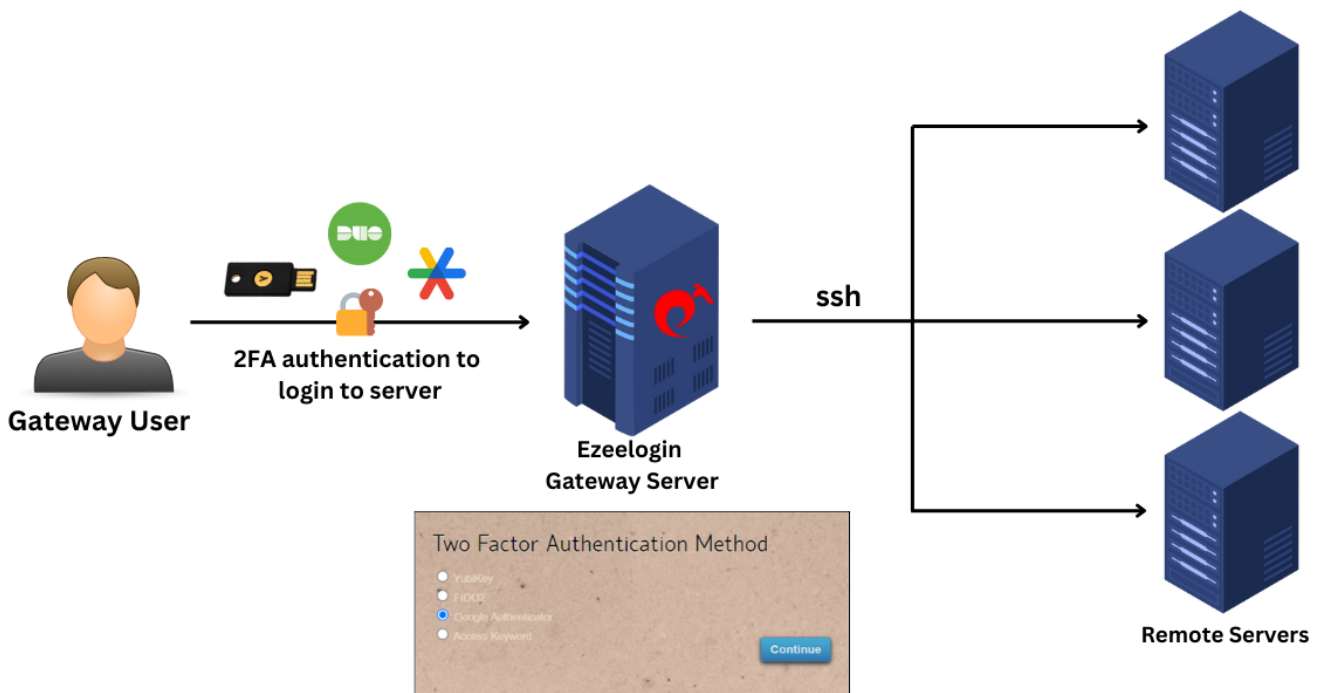


Clear two factor authentication

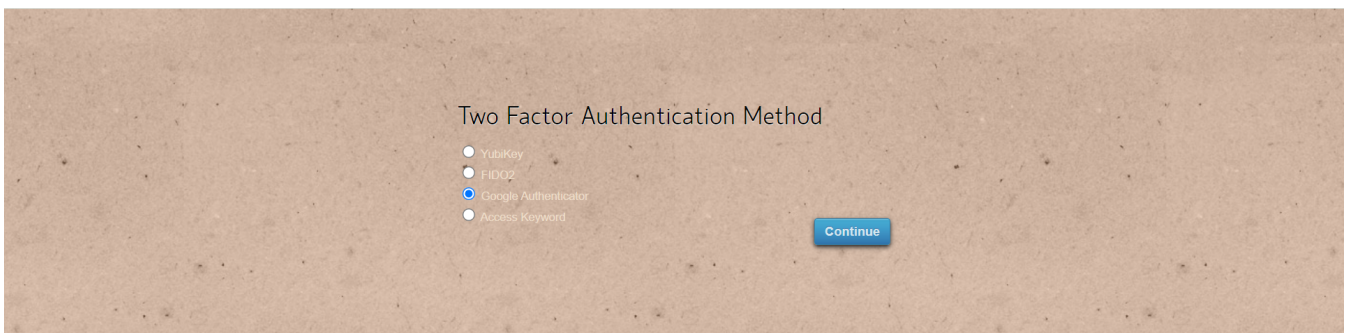
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How to reset Google authenticator, DUO, Yubikey, Access keyword, Radius, and FIDO2 two-factor authentication (2FA) secrets for the gateway user?

Overview: This article will help Ezeelogin admin users reset Google authenticator, DUO, Yubikey, Access keyword, Radius, and FIDO2 two-factor authentication (2FA) secrets for the gateway user when the user is locked out or has forgotten their 2FA.



Prompt for 2FA when a user tries to log in to the GUI:



- If the gateway user has admin privileges, they can click on the **reset password** icon, enable

"Clear Two-Factor Authentication Secret," and then save the changes.

The screenshot shows the Ezeelogin interface. The main content area is titled "Change password and/or security code - tom". It contains several input fields: "New Password", "Confirm Password", "New Security Code", "Confirm Security Code", and "Authorization Password". There are "Generate" buttons for the password and security code fields. A checkbox labeled "Clear Two-Factor Authentication Secret" is checked, with a green arrow pointing to it. Below this is a "Force Password Change" checkbox. At the bottom, there is a "Users" table with columns: Username, First Name, Last Name, Email, Status, Expiry, User Group, and Actions. The user 'tom' is selected, indicated by a green arrow.

Username	First Name	Last Name	Email	Status	Expiry	User Group	Actions
alex	alex		alex@gmail.com	Active		Admins	[Icons]
ezadmin	Administrator		ezadmin@gmail.com	Active		Admins	[Icons]
tom	tom		tom@gmail.com	Active		Admins	[Icons]

Note: The gateway user can now log in without being asked for 2FA if 2FA is not enforced; otherwise, the user will be prompted to set up 2FA again.

How to reset the Google Authenticator code individually?

- Individual users can log into the GUI, and navigate to **Account -> Google Authenticator -> Reset** to reset the Google Authenticator code.

The screenshot shows the Ezeelogin interface with the "Account" menu item selected in the sidebar. The main content area is titled "Set/Reset Google Authenticator secret" and contains a single "Reset" button, which is highlighted with a green arrow.

Emergency CLI Method:

For Ezeelogin Version 7 and above:

1. To disable two-factor authentication (2FA) for the admin user, run the following commands.

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

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

2. To disable two-factor authentication (2FA) for **all users**, run the following command.

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

Abbreviations:

eak = Access Keyword
eyk = Yubikey
egs = Google Authenticator
set_duo = DUO 2FA

Emergency CLI Method:

For Ezeelogin Version 6 and below:

Users need to provide the correct db_name and dbprefix from ez.conf to run the MySQL commands manually.

1. Find the database name and database prefix from /usr/local/etc/ezlogin/ez.conf from the Ezeelogin gateway server.

```
root@gateway:~# cat /usr/local/etc/ezlogin/ez.conf | grep -i
"db_name|db_user|db_pass|db_prefix"

db_name ezlogin_por

db_user ezlogin_cxy

db_pass ymhbtPaY)VzD2g]84

db_prefix casmbn_
```

2. Log in to MySQL command prompt

Replace the "db_user", "db_name" and "db_pass" with values in /usr/local/etc/ezlogin/ez.conf from the Ezeelogin jump server.

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

3. Run the following command to **clear the two-factor authentication (2FA) for the admin user.**

Replace "dbprefix_" with the value of dbprefix_ from /usr/local/etc/ezlogin/ez.conf from the Ezeelogin jump server.

Example: "dbprefix_settings" is to be replaced with "casmbn_settings".

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

```
mysql> UPDATE dbprefix_users SET egs=NULL,eak=NULL,eyk=NULL,set_duo=0  
where id=1;
```

4. Run the following command to **clear the two-factor authentication (2FA) for all users.**

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

Related Articles:

[Enable/Disable 2FA \[Two Factor Authentication\] on Ezeelogin.](#)

[How to enforce 2 Factor Authentication on user login?](#)

[How to disable 2FA from Ezeelogin GUI?](#)

[Disable two-factor authentication from the backend.](#)

Online URL: <https://www.ezeelogin.com/kb/article/clear-two-factor-authentication-36.html>