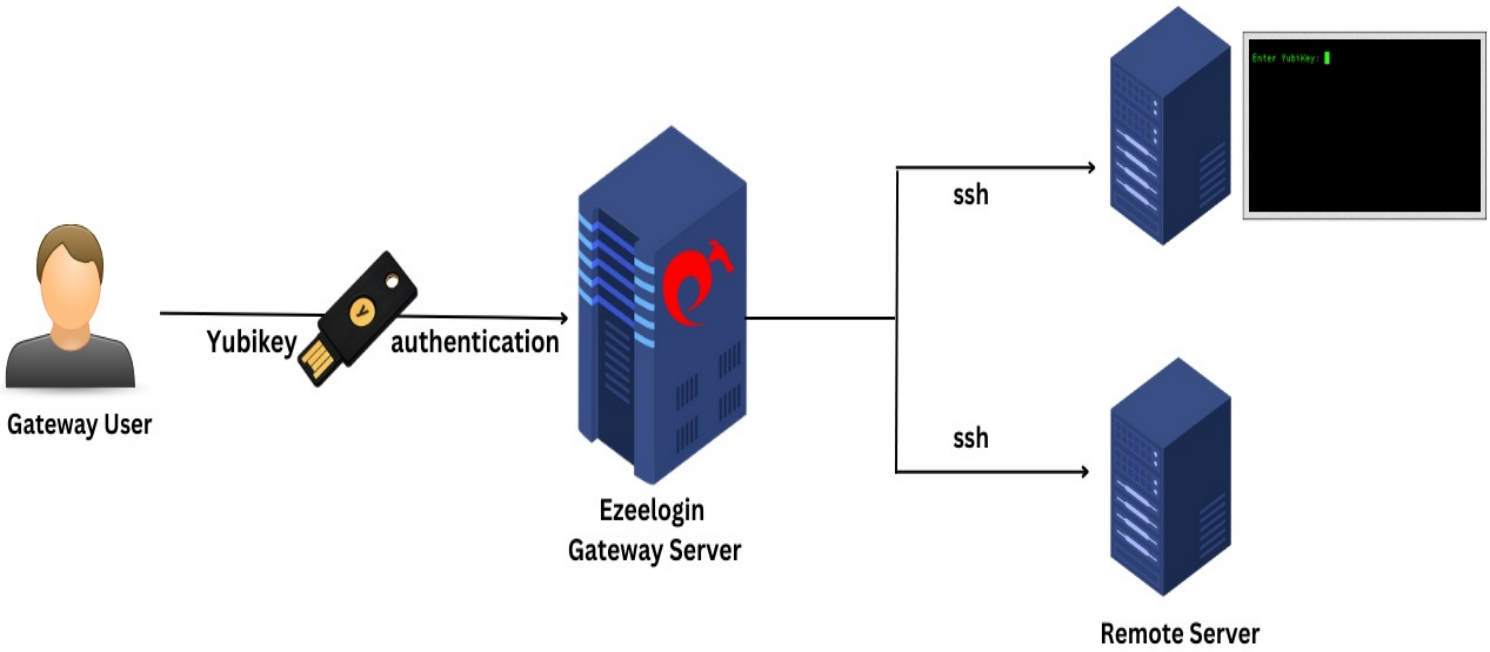
How to configure Yubikey two factor authentication in ssh ?

75 admin July 8, 2026 Features & Functionalities, Tweaks & Configuration 26671

How to enable/disable Yubikey 2FA (Two-factor Authentication) in Ezeelogin?

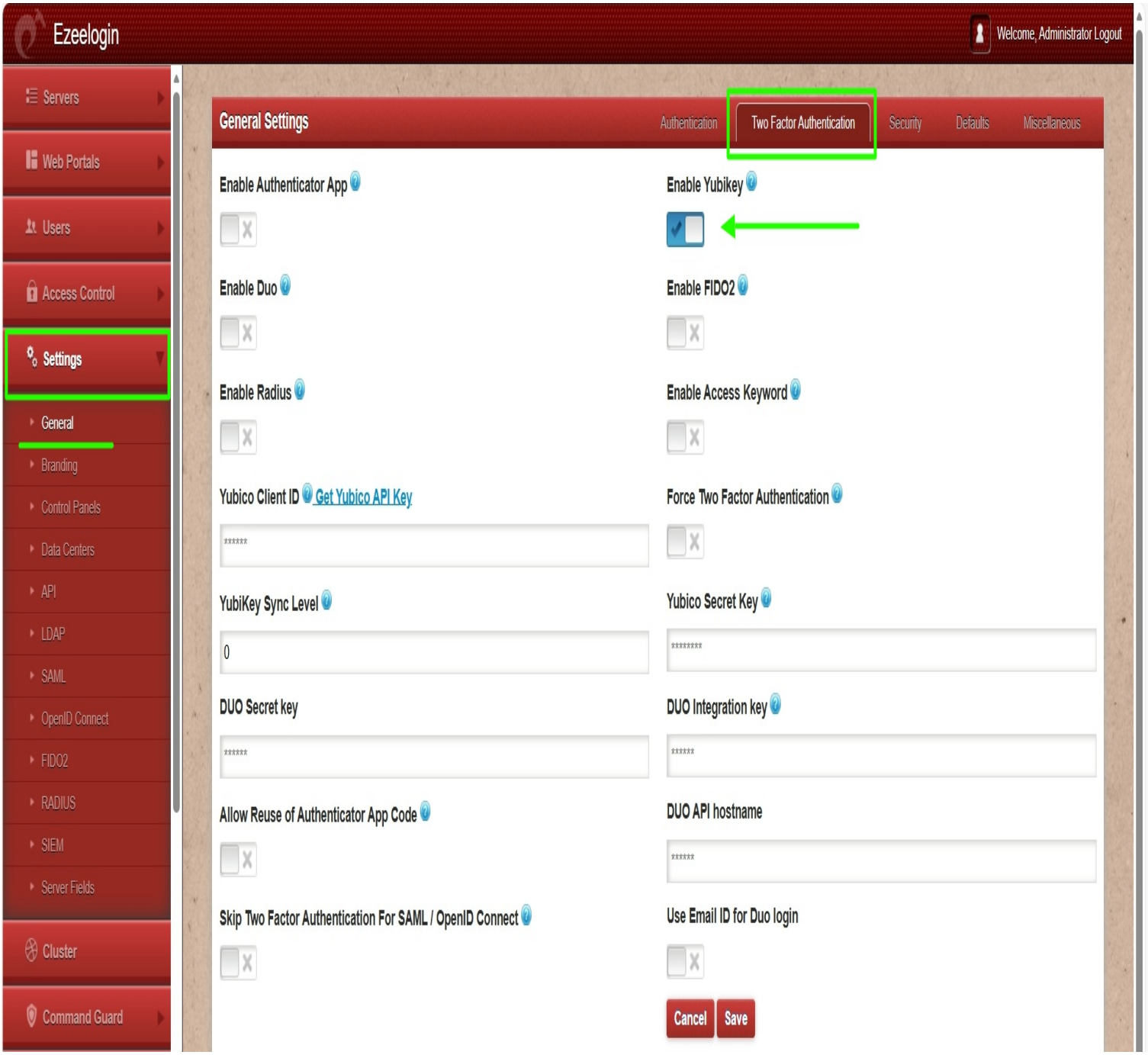
Overview: This article provides a comprehensive guide on configuring and managing Yubikey two-factor authentication (2FA) for SSH jump host.



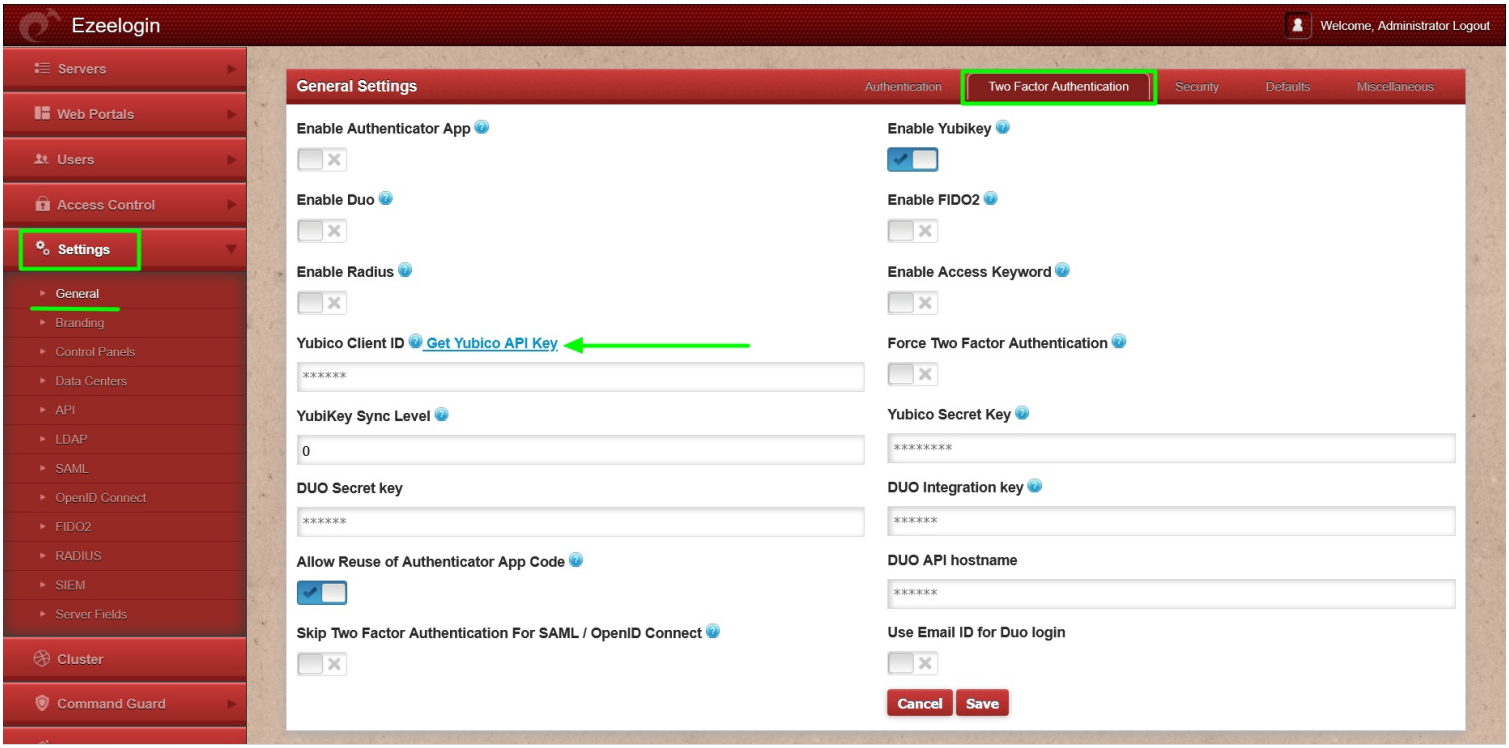
> Refer to the YouTube video to Configure Yubikey's two-factor authentication in ssh jump host.

1. How to enable Yubikey?

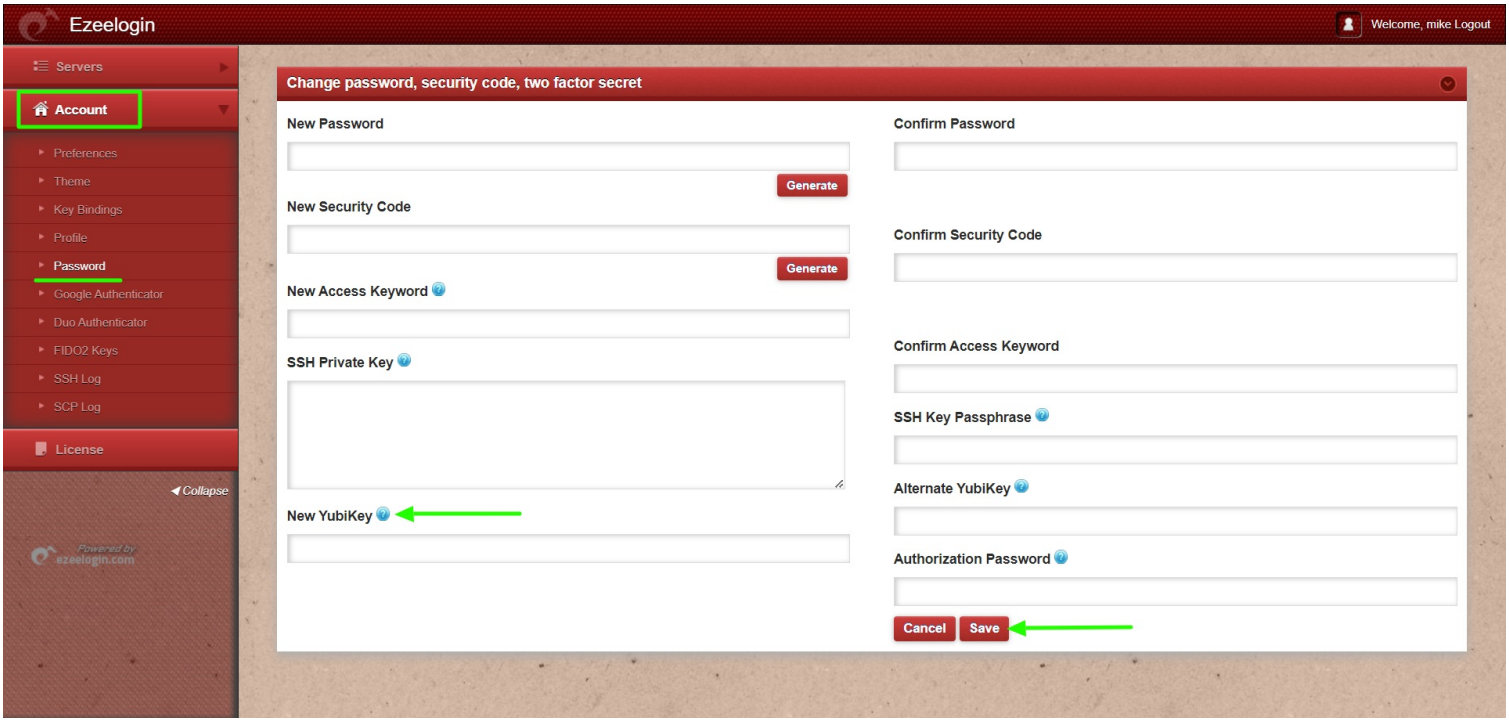
Step 1(A): Log in to the Ezeelogin GUI as an admin privileged user, navigate to **Settings** -> **General** -> **Two Factor Authentication,** and enable Yubikey.



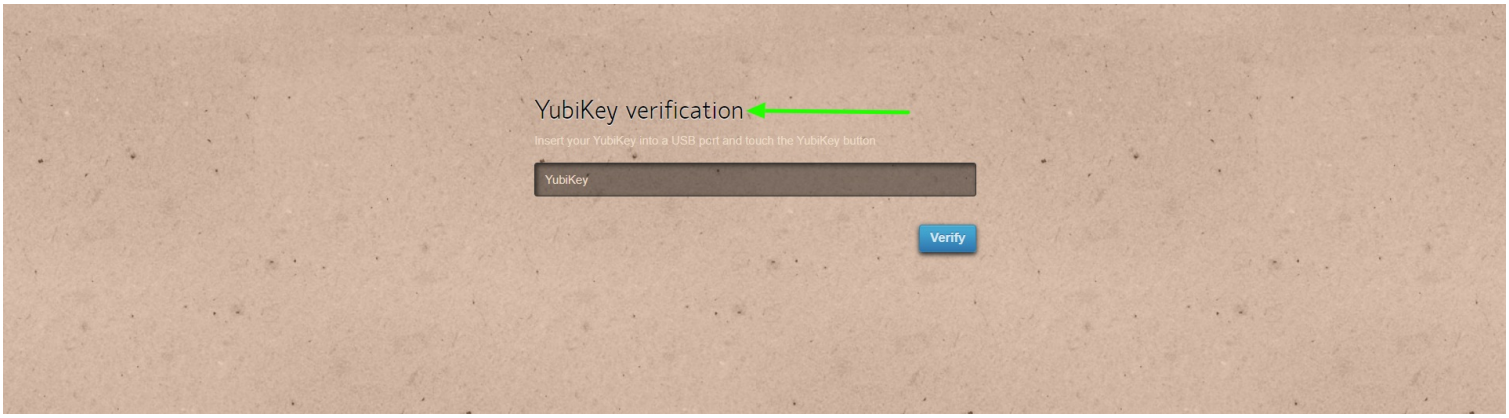
Step 1(B): Click on "**Get Yubico API Key**" to obtain the Yubico Client ID and secret key.



Step 1(C): To set up Yubikey for user authentication, navigate to **Account** -> **Password** -> **New Yubikey** and click on **save** after providing the authorization password(password of the currently logged in user).



Step 1(D): Log in to the Ezeelogin GUI using the Yubikey 2FA method.



Step 1(E): The backend 2fa method will also be now using Yubikey.

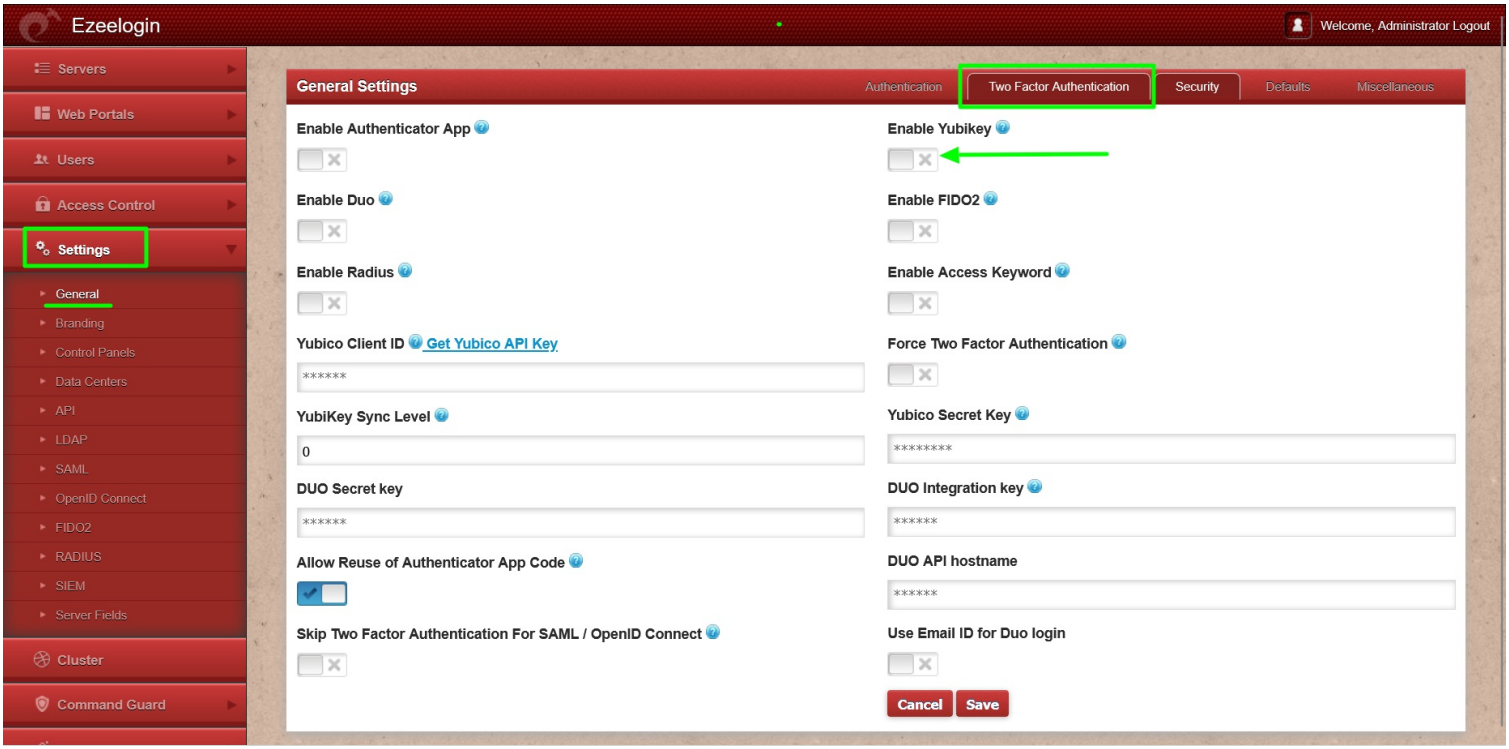




Refer article to set timeout for 2FA: 2FA Timeout in Ezeelogin

2. Disable Yubikey 2FA from the GUI.

Step 2(A): To disable Yubikey from Ezeelogin GUI, navigate to **Settings -> General -> Two-factor Authentication** and **disable Yubikey**.



Emergency CLI Method:

Disable Yubikey:

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

Clear Yubikey secret for single user:

root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_users set eyk=NULL where username='**ezadmin**'"

Clear Yubikey secret for all user:

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

This error "**No Two-Factor Authentication enabled**" happens when we enforce Two-Factor authentication without enabling any of the Two-Factor authentications. Run the following command to disable **Force Two Factor Authentication.**

Disable force two factor authentication globally:

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

Disable force two factor authentication for user group (replace user_group with correct user group):

root@gateway:~# php /usr/local/ezlogin/ez_queryrunner.php "update prefix_usergroups set force_tfa='N' where name='**user_group**';"

Yubikey outbound URLs to be whitelisted:

Following are the Yubikey outbound URLs to be whitelisted in the firewall.

1. 'https://api.yubico.com/wsapi/2.0/verify'
2. 'https://api2.yubico.com/wsapi/2.0/verify'
3. 'https://api3.yubico.com/wsapi/2.0/verify'
4. 'https://api4.yubico.com/wsapi/2.0/verify'
5. 'https://api5.yubico.com/wsapi/2.0/verify'

Yubikey Library requires access to the above URLs. Also, do check out the article for the list of YubiKey API servers that the YubiKey client would utilize https://developers.yubico.com/yubikey-val/Getting_Started_Writing_Clients.html

Related Articles:

Disable all 2fa from the backend

Enforce 2fa on user login.

Reset 2fa on Ezeelogin user

2FA Timeout in Ezeelogin

Online URL: https://www.ezeelogin.com/kb/article/how-to-configure-yubikey-two-factor-authentication-in-ssh-75.html