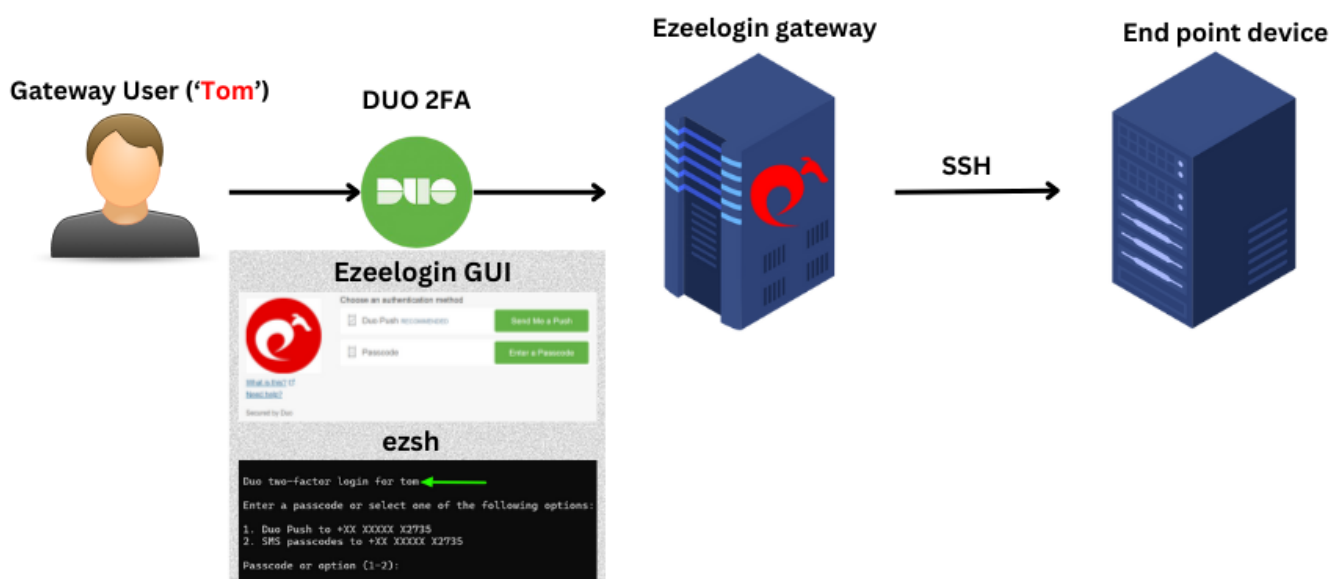# Configure DUO 2FA in Ezeelogin SSH Jumphost

164 admin October 5, 2024 [Security Features](#), [Two Factor Authentication (2FA)](#) 10569

How to enable/disable DUO 2fa in Ezeelogin?

Overview: This article provides a comprehensive guide on configuring and managing Duo two-factor authentication (2FA) for Ezeelogin gateway users. It also covers methods to disable duo 2FA through both the GUI and backend commands.
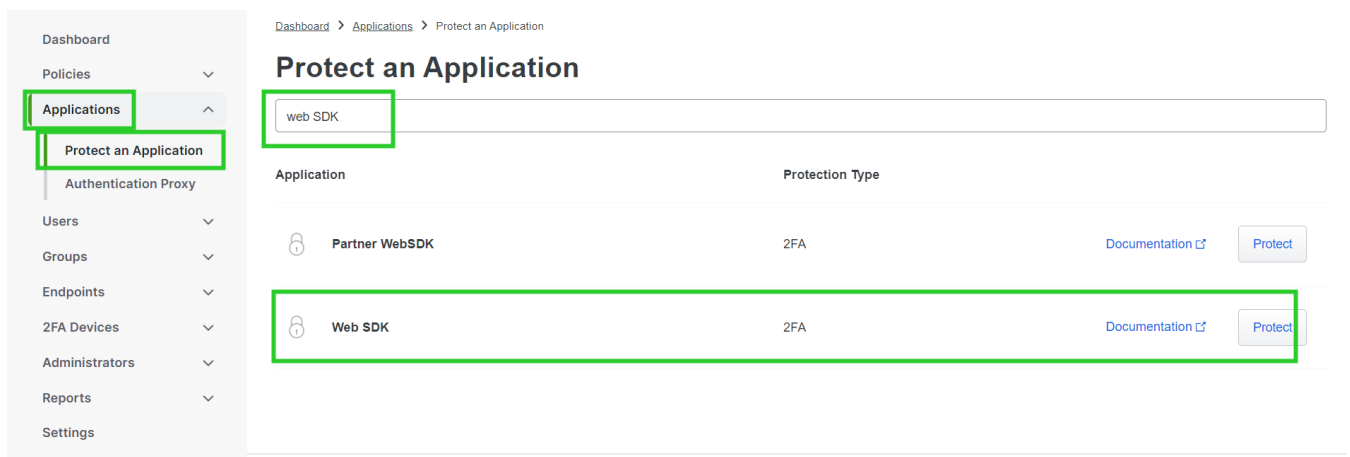

Note:

Do check out the [duo ssh jump host configuration video](#) as well.

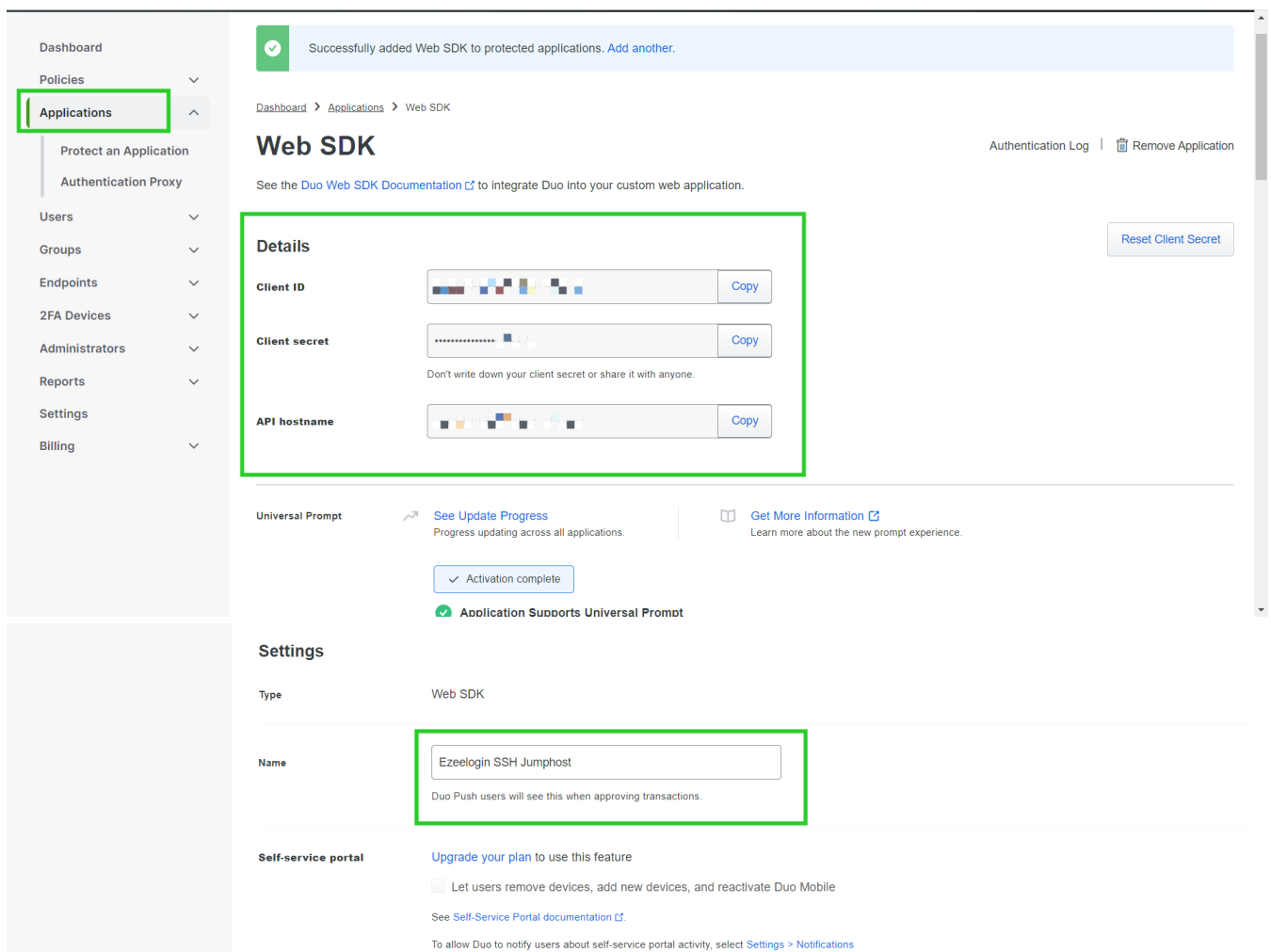## 1. How to enable DUO 2FA (Two-factor Authentication) in Ezeelogin?

Step 1(A): Create your account on [duo.com](#) and log in. Navigate to **Applications** -> **Protect an Application**

Step 1(B): Search for **Web SDK** and click on **Protect this Application**

Step 1(C): Copy the **Integration Key**, **Secret Key**, and **API Hostname** and paste them on Ezeelogin GUI. Also, enter a custom name for this Application Under Settings.

Step 1(D): Enable duo 2FA in the Ezeelogin GUI with an **admin privileged user**. Log in to the Ezeelogin GUI, navigate to **Settings** -> **General** -> **Two Factor Authentication** -> **Enable Duo**, and paste the **DUO Integration Key**, **Secret Key,** and the **API hostname** in the highlighted fields below, then click on the **save** button.

Step 1(E): To set up Duo 2FA for user authentication, log in to the Ezeelogin GUI as the user for whom duo is to be **enabled**. Then, navigate to **Account** -> **Duo Authenticator** -> **Enable** Duo Authenticator.

Step 1(F): Log out and re-login into the web panel and duo two-factor authentication will be asked.
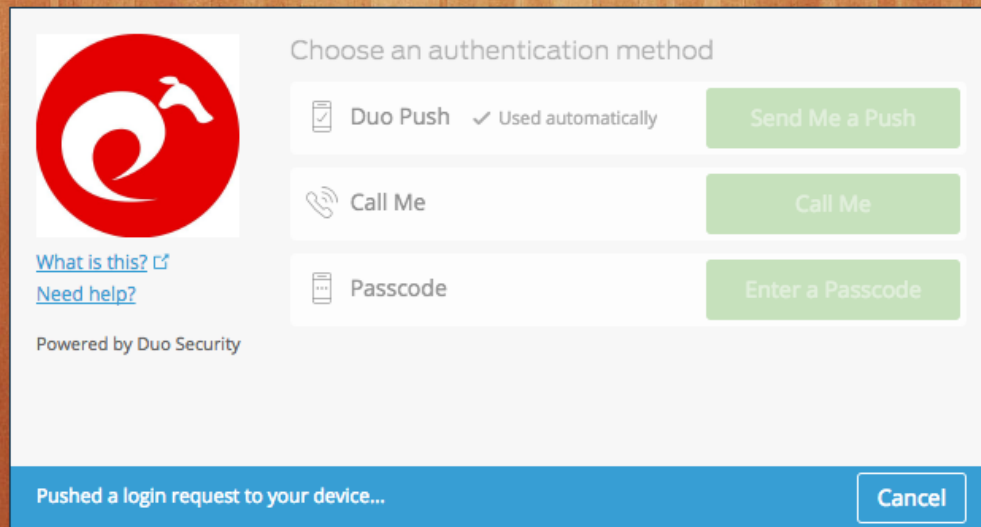
**Step 1(G):** The backend 2fa method will also be using Duo 2FA.

> **Note:**
>
> If an Ezeelogin user wants to enable DUO 2FA, but Admin has disabled force two-factor authentication, then that particular user must log into the GUI and enable DUO 2FA under **Account -> DUO Authenticator** then logout and re-login again into the web panel and you would be asked for DUO two-factor authentication.

2. How to disable DUO 2FA (Two-factor Authentication) from the GUI?

Step 2(A): To disable Duo 2FA **globally**(Duo 2FA will be disabled for all users), navigate to **Settings -> General -> Two Factor Authenticator -> Disable Duo**
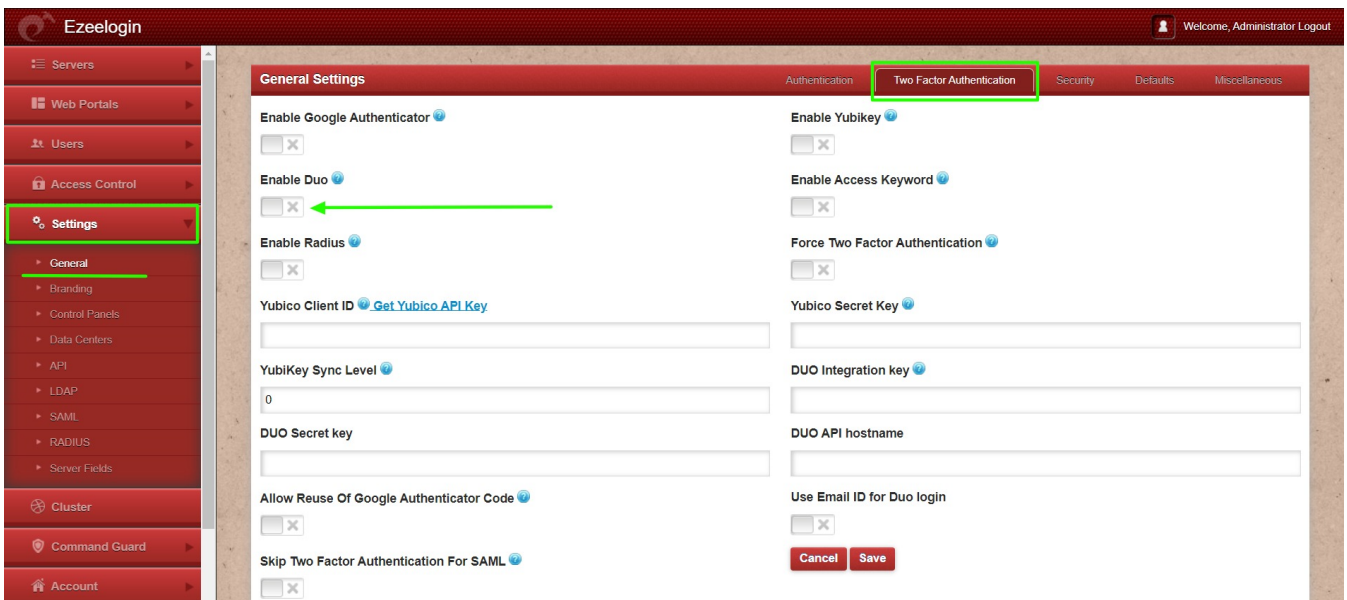
Step 2(B): To disable Duo 2FA for a **single user,** log in to the Ezeelogin GUI as the user for whom duo is to be **disabled**, navigate to **Account -> Duo Authenticator -> Disable**
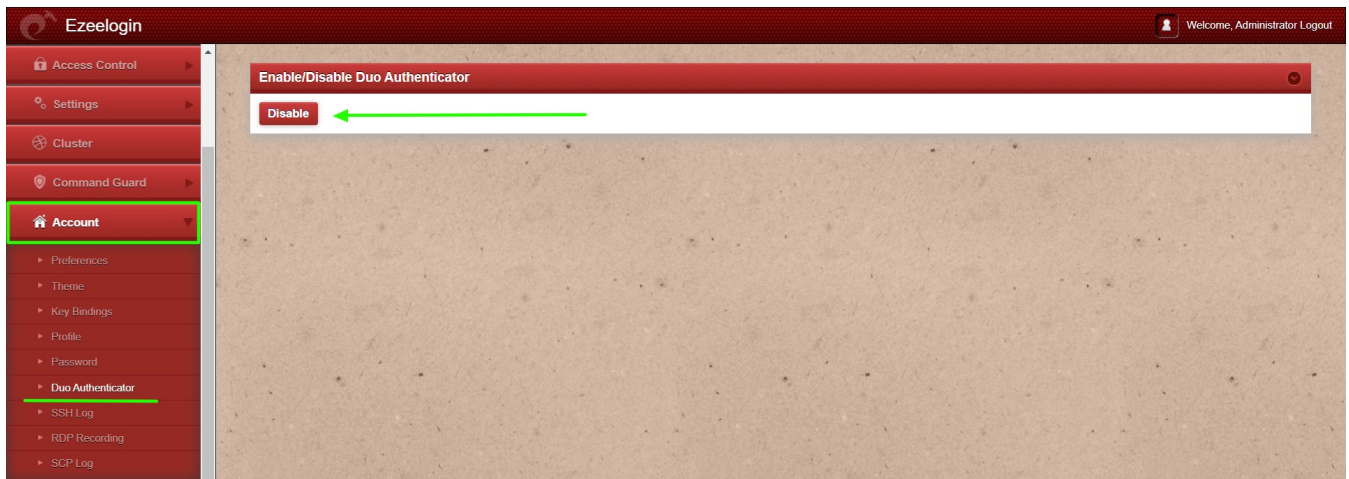
Emergency CLI Method

Run the below commands to disable and clear DUO 2FA. Replace the username to disable DUO for that user.

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

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

This error 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.**

```
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_usergroups SET force_tfa = 'N'"
```

Related Articles:

[Enable/Disable two-factor authentication in Ezeelogin](#)

[Error: No Two-factor Authentication enabled in GUI](#)

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

[How to reset the 2fa of an ezeelogin user?](#)

Online URL:
https://www.ezeelogin.com/kb/article/configure-duo-2fa-in-ezeelogin-ssh-jumphost-164.html