Configure DUO 2FA in Ezeelogin SSH Jumphost

164 admin October 5, 2024 Security Features, Two Factor Authentication (2FA) 11486

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 <u>duo.com</u> and log in. Navigate to Applications -> Protect an Application

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

Dashboard		Dashboard > Applicatio	S Protect an Application		
Policies	\sim	Protect a	n Application		
Applications	^	web SDK			
Protect an Appli	ication				
Authentication F	Proxy	Application		Protection Type	
Users	~	0			
Groups	~	Partner Wel	DSDK	2FA	Documentation B Protect
Endpoints	\sim				
2FA Devices	\sim	Heb SDK		2FA	Documentation 🗗 Protect
Administrators	\sim				
Reports	\sim				
Settings					

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.

Dashboard		Successfully add	ed Web SDK to protected applications. Add another.		
Policies Applications	~	Dashboard > Applications > Web SDK			
Protect an Applic	ation	Web SDK		Authentication Log 📋 Remove Application	
Authentication P	roxy	See the Duo Web SDK Do	cumentation 🗗 to integrate Duo into your custom web application.		
Users	~				
Groups	~	Details		Reset Client Secret	
Endpoints	\sim	Client ID	Сору		
2FA Devices	\sim				
Administrators	\sim	Client secret	Сору		
Reports	\sim		Don't write down your client secret or share it with anyone.		
Settings		API hostname	Copy		
Billing	\sim				
		Universal Prompt	∼ [™] See Update Progress Progress updating across all applications. Get More Information [2] Learn more about the new prompt experience. ✓ Activation complete Abolication Supports Universal Prompt		
		Settings			
		Туре	Web SDK		
		Name	Ezeelogin SSH Jumphost Duo Push users will see this when approving transactions.		
		Self-service portal	Upgrade your plan to use this feature Let users remove devices, add new devices, and reactivate Duo Mobile		
			See Self-Service Portal documentation [2]. To allow Duo to notify users about self-service portal activity, select Settings > Notifications		

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.

Note:

In order to avoid the " **invalid_grant** " or " **An Error Was Encountered** "error, make sure to access the Ezeelogin GUI with SSL(HTTPS) and a domain name.

Refer to the article "error": <u>"invalid grant"</u>, "error description"

Ezeelogin					1 v	Velcome, Administrator Logout
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tu Users ►						
Access Control		Enable Duo 😨	Enable FIDO2 @			
♣ Settings			×			
General	1.0	Enable Radius 🕑	Enable Access Keyword 😨			
Branding		Vubico Client ID @ Get Vubico API Key	Eorce Two Eactor Authentication	_		
Control Panels Data Centers						
► API		YubiKey Sync Level 🥶	Yubico Secret Key 🥹			
► LDAP	1.	0				
 FIDO2 		DUO Secret key	DUO Integration key @			
RADIUS		b35cnO3MlhHwAzrF3csbPE7jwdALMLR9DXD9w0ig	DI9XN2V7PHHDDQ775VLX			
 SIEM Server Fields 		Allow Reuse Of Google Authenticator Code 🧐	DUO API hostname			
🛞 Cluster		Skip Two Factor Authentication For SAML @	Use Email ID for Duo login			
Command Guard						
Account ▶			Cancel Save			

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.

Ezeelogin	💽 Welcome, Administrator Logout
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🖬 Web Portals 🛛 🕨	Enable
±t Users ►	
🖬 Access Control 🛛 🕨	
♥ _o Settings ►	
🛞 Cluster	
Command Guard	
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Preferences	
 Theme Key Bindings 	
► Profile	
Password Duo Authenticator	
 SSH Log SDB Barradian 	
 KDP Recording SCP Log 	
, License	

Step 1(F): Log out and re-login into the web panel and duo two-factor authentication will be asked.

	Duo Push V Used automatically	G Send Me a Push
Y	Call Me	Call Me
What is this? 다 Need help?	Passcode	Enter a Passcode
Powered by Duo Securi	ty	
Pushed a login reque	st to your device	Cancel
		Cance

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?

Ezeelogin				T We	elcome, Administrator Logout
≅ Servers ►	Ceneral Settings	Authoritics	Two Eactor Authoptication	Socuritu Dofaulto	Miscellansous
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⊉t Users >>	×	×			
î Access Control 🔹 🕨	Enable Duo 🥹	Enable Access	s Keyword 🎯		
°₀ Settings 🔍 🔻		Eorea Two Ear	stor Authoritization		
General					
Branding Control Panels	Yubico Client ID @ Get Yubico API Key	Yubico Secret	Key 🥯		
Data Centers					
► LDAP	YubiKey Sync Level @	DUO Integratio	on key 🥹		
► SAML	DUO Secret key	DUO API host	name		
 Server Fields 					
🕀 Cluster	Allow Reuse Of Google Authenticator Code	Use Email ID f	or Duo login		
Command Guard	Skip Two Factor Authentication For SAML	Cancel Sa	ve		
👔 Account 🔹 🕨	×		_		-

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**

Ezeelogin	Welcome, Administrator Logout
Access Control	Enable/Disable Duo Authenticator
⁰ ₀ Settings ►	Disable
🛞 Cluster	The second s
Command Guard	
Account 🗸	the second s
 Preferences 	
► Theme	
Key Bindings	and the second
► Profile	
Password	
Duo Authenticator	
► SSH Log	
RDP Recording	
► SCP Log	the second s

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