

# Access Keyword 2FA explained

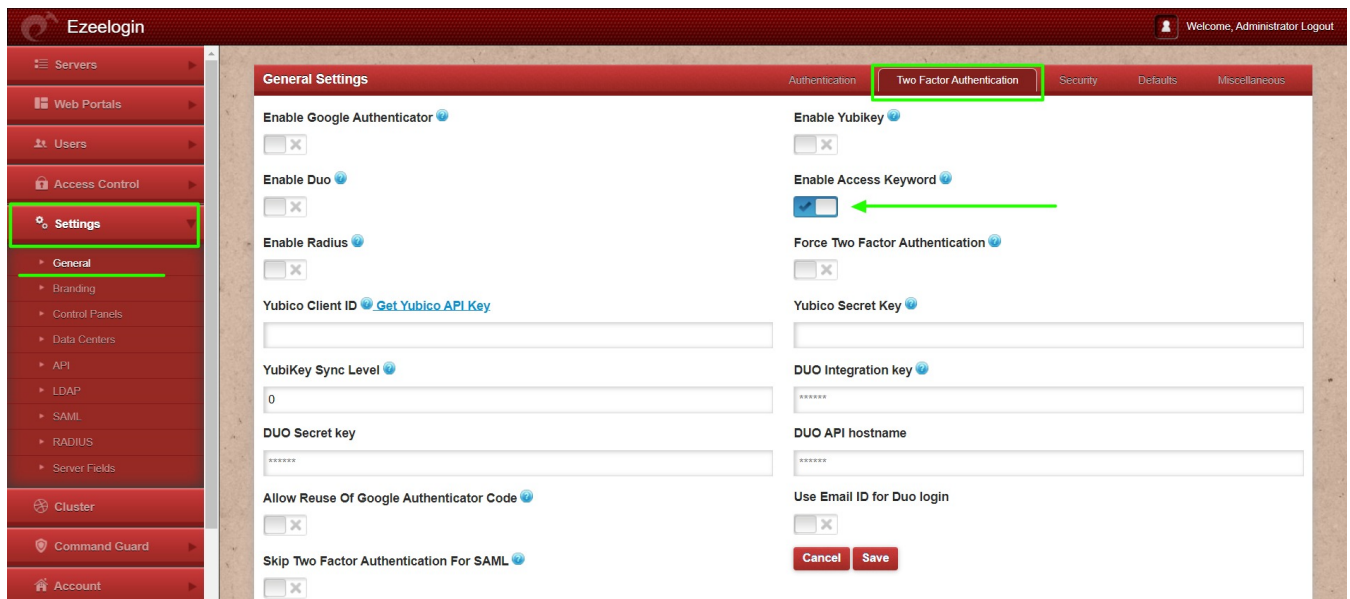
250 admin May 3, 2024 [Security Compliances](#), [Two Factor Authentication \( 2FA \)](#) 6502

## How to enable/disable Access Keyword 2FA (Two-factor Authentication)

Access keywords is a two-factor mechanism used for securing the GUI and the ssh backend. Ideally, it would be phrases that can be easily remembered. They should never be written down and should be stored only in your memory.

### 1.How to enable Access Keyword 2FA (Two-factor Authentication) globally in Web Gui

Navigate to **Settings -> General -> Two Factor Authentication -> Enable Access Keyword**.



The screenshot shows the Ezeelogin web interface. On the left sidebar, the 'Settings' menu item is highlighted with a green box. The main content area shows the 'Two Factor Authentication' settings page, which is also highlighted with a green box. The 'Enable Access Keyword' checkbox is checked and highlighted with a green arrow. The 'Settings' menu item in the left sidebar is also highlighted with a green box.

Example of phrases that can be used for Access keywords would be a phrase like *"top dog bites"*.

The access keyword can be set by the user as follows. The access keyword should have a minimum of 10 characters and at least 4 unique characters.

Ezeelogin

Welcome, Administrator Logout

Change password, security code, two factor secret

New Password

Generate

New Security Code

Generate

New Access Keyword

SSH Private Key

Confirm Password

Confirm Security Code

Confirm Access Keyword

SSH Key Passphrase

Authorization Password

Cancel Save

Once set the web GUI would ask for the characters from 3 different positions while authenticating. As you can see below, we need to enter the characters from the first, seventh, and twelfth positions within the phrase.

Access Keyword verification

Enter the characters at indicated positions in your access keyword

1

7

12

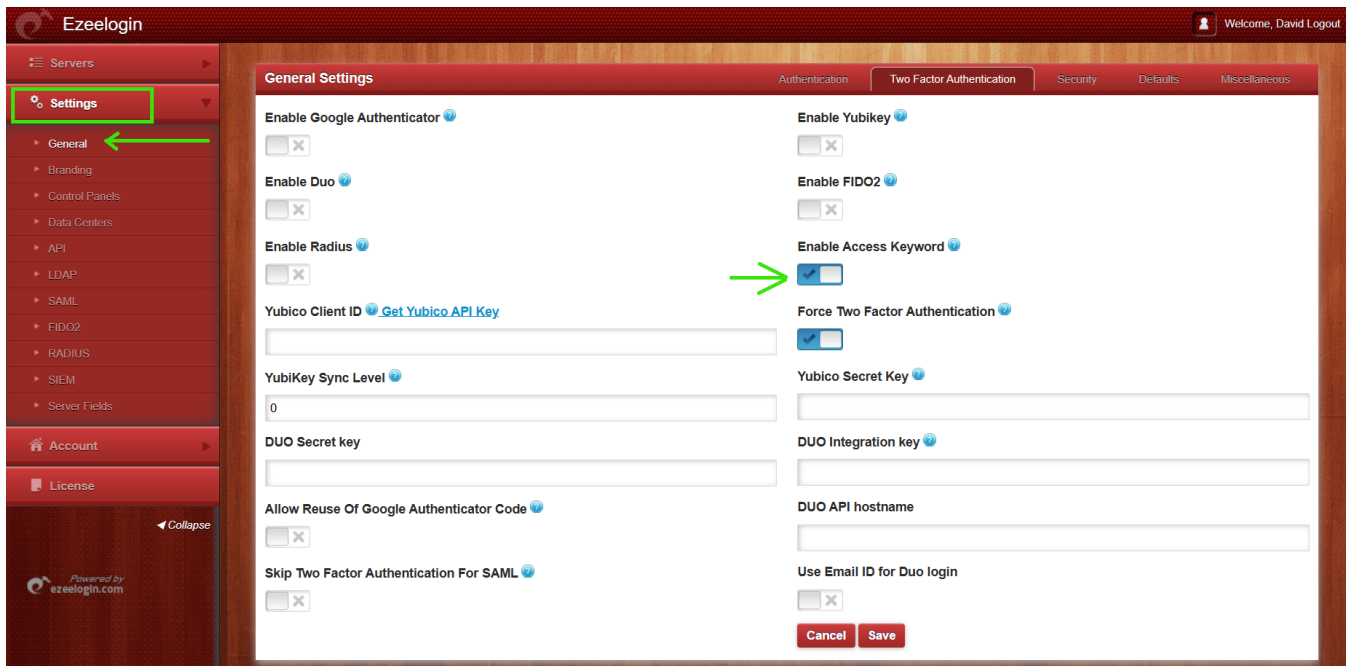
Verify

As, you can see, we had used the phrase "top dog bites",so we would enter the character that would come in the first, seventh, and twelfth positions within the phrase, which would be 't', 'g', and 'e'. Note that, space is a character and would be counted. For, example the character in the fourth position would be the space character in which case we would simply enter the 'space' key.

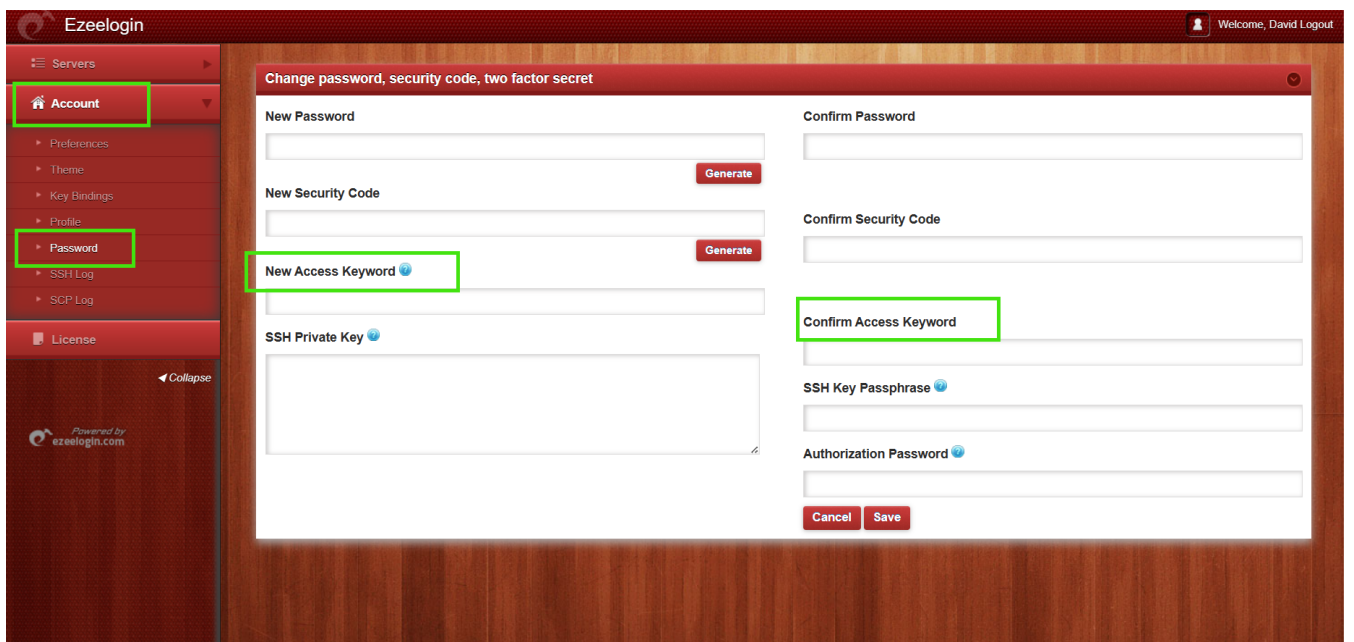
Enter the characters at indicated positions in your access keyword

t
g
e

If the user have [access permission](#) of 'Settings tab' in web GUI, then the user can set the Access control as follows.

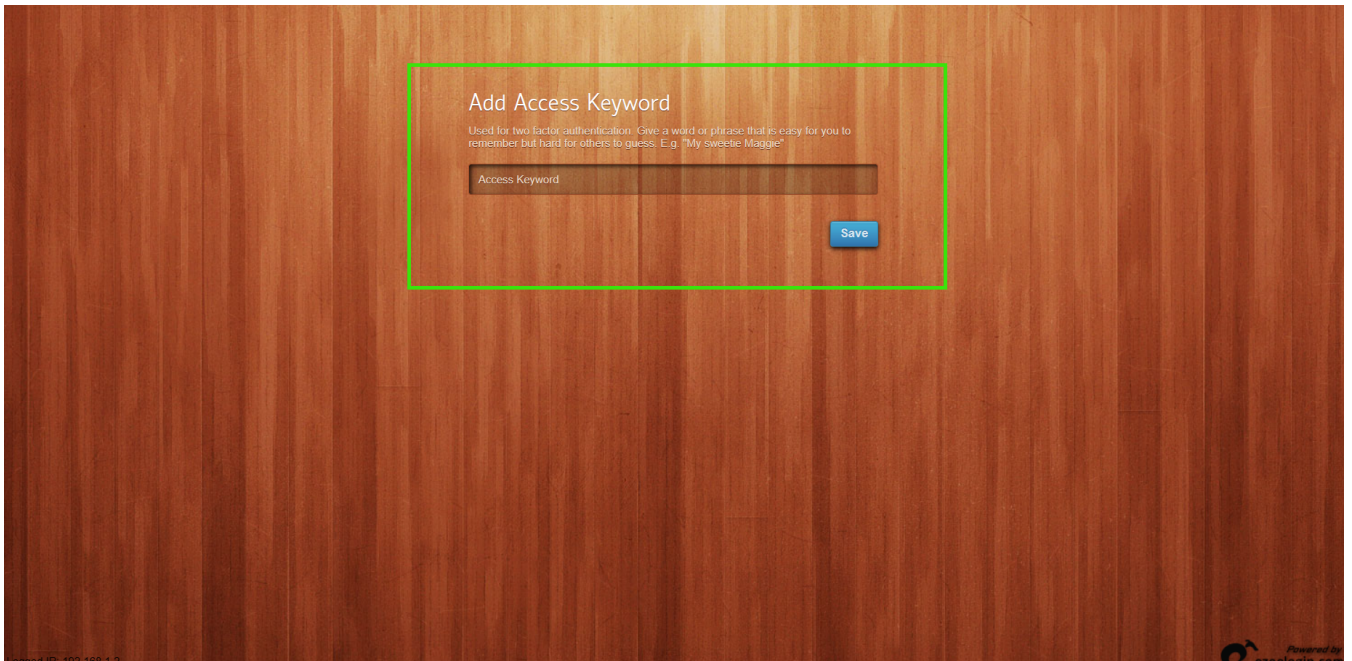


After enabling the Access Keyword, navigate to Accounts -> Password.



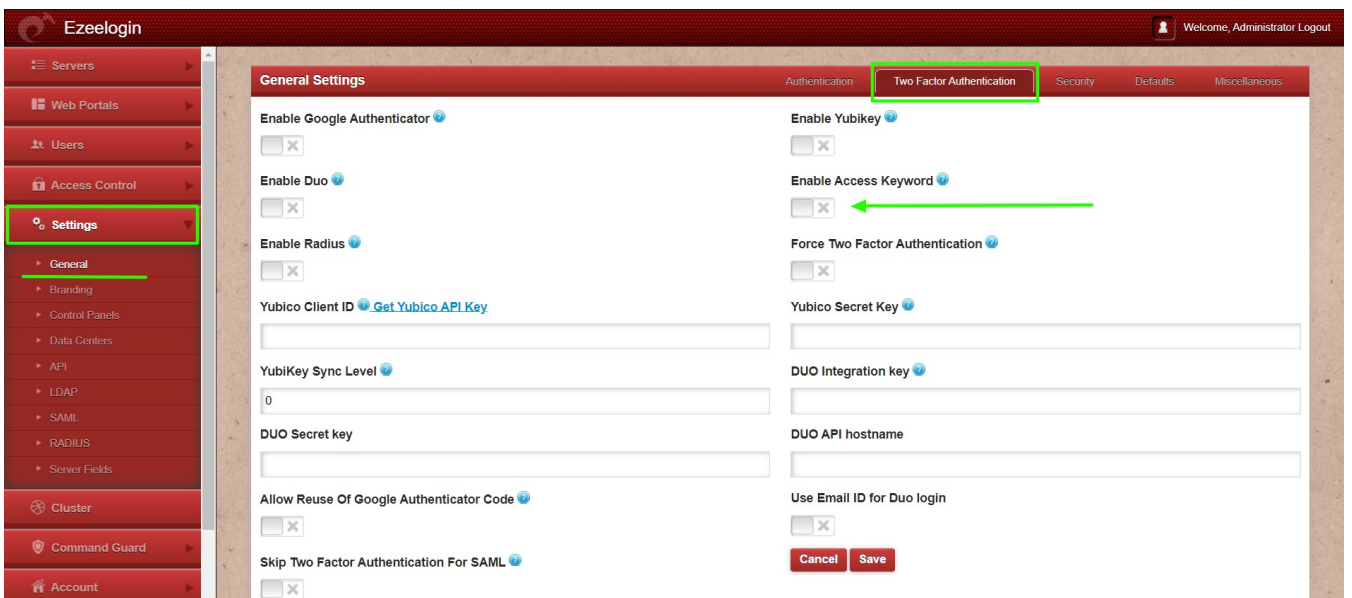
If the user doesn't have access permissions for the 'Settings tab', and the global option is already enabled, then the GUI will prompt to set the Access Keyword when logging in as the non-privileged user.





### 3. How to disable Access Keyword 2FA (Two-factor Authentication) through the GUI Globally?

Navigate to Settings -> General



### 4. How to reset Access Keyword 2FA (Two-factor Authentication) through the GUI for Gateway user?

Log in as the gateway user to the Ezeelogin GUI, **navigate to Account -> Password** and enter the new access keyword.

Ezeelogin

Welcome, David Logout

Servers

Account

Preferences

Theme

Key Bindings

Profile

Password

SSH Log

SCP Log

License

Change password, security code, two factor secret

New Password

Generate

New Security Code

Generate

New Access Keyword

SSH Private Key

Confirm Password

Confirm Security Code

Confirm Access Keyword

SSH Key Passphrase

Authorization Password

Cancel Save

If the **gateway user is unable to log in** to the Ezeelogin GUI, only the admin privileged user can reset the ACCESS KEYWORD.

Log in as ADMIN user and Select the Reset Password option for that gateway user.

Ezeelogin

Welcome, Administrator Logout

Servers

Web Portals

Users

User Groups

LDAP

Authentication Log

SSH Log

RDP Recording

SCP Log

Web Proxy Log

Web Proxy Activity

Web Activity




Shell Activity

Server Activity

Work Summary

Users find... All

Rows Auto

<input type="checkbox"/>	Username ↓	First Name	Last Name	Email	Status	Expiry	User Group	Actions
<input type="checkbox"/>	David	David		David@gmail.com	Active		Admins	
<input type="checkbox"/>	Lena	Lena		Lena@gmail.com	Active		adgroup	
<input type="checkbox"/>	admin	Administrator			Active		Admins	

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**ENABLE** Clear Two-Factor Authentication Secret.



**Ezeelogin**

Servers Web Portals **Users**

- User Groups
- LDAP
- Authentication Log
- SSH Log
- RDP Recording
- SCP Log
- Web Proxy Log
- Web Proxy Activity
- Web Activity
- Shell Activity
- Server Activity
- Work Summary

**Change password and/or security code - David**

New Password  Generate

New Security Code  Generate

**Clear Two-Factor Authentication Secret** ☒

Force Password Change ☐

Confirm Password

Confirm Security Code

Authorization Password

Cancel Save

Users  find... All

<input type="checkbox"/>	Username	First Name	Last Name	Email	Status	Expiry	User Group
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After, login as the gateway user and SET new Access Keyword

**Add Access Keyword**

Used for two factor authentication. Give a word or phrase that is easy for you to remember but hard for others to guess. E.g. "My sweetie Maggie"

Access Keyword

Save

**In an emergency where neither the admin gateway user nor other gateway users can access the Ezeelogin GUI, execute the following commands on the gateway server with root privileges.**

How to disable Access Keyword 2FA (Two-factor Authentication) from the backend?

Run the below commands to disable and clear google authenticator. Replace username to disable access keyword for that user.

```
enable_access_keyword
```

```
eak
```

### No Two-factor Authentication enabled

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**.

```
php /usr/local/ezlogin/ez_queryrunner.php  
"update prefix_settings SET value = 0 WHERE name  
= 'Force Two Factor Authentication'"
```

```
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 backend

Online URL: <https://www.ezeelogin.com/kb/article/access-keyword-2fa-explained-250.html>