

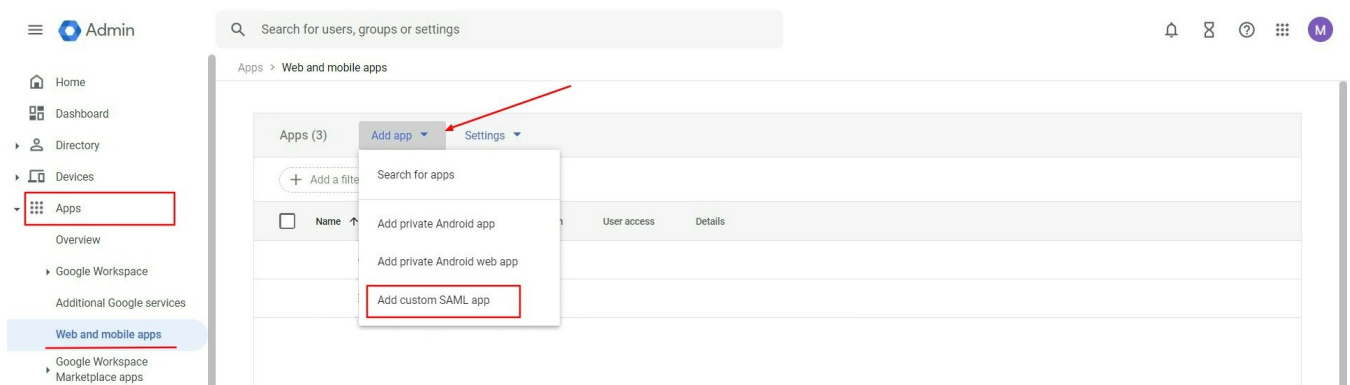
# Integrate GSuite SSO with Jumpserver

513 Nesvin KN February 23, 2024 [Features & Functionalities](#) 2458

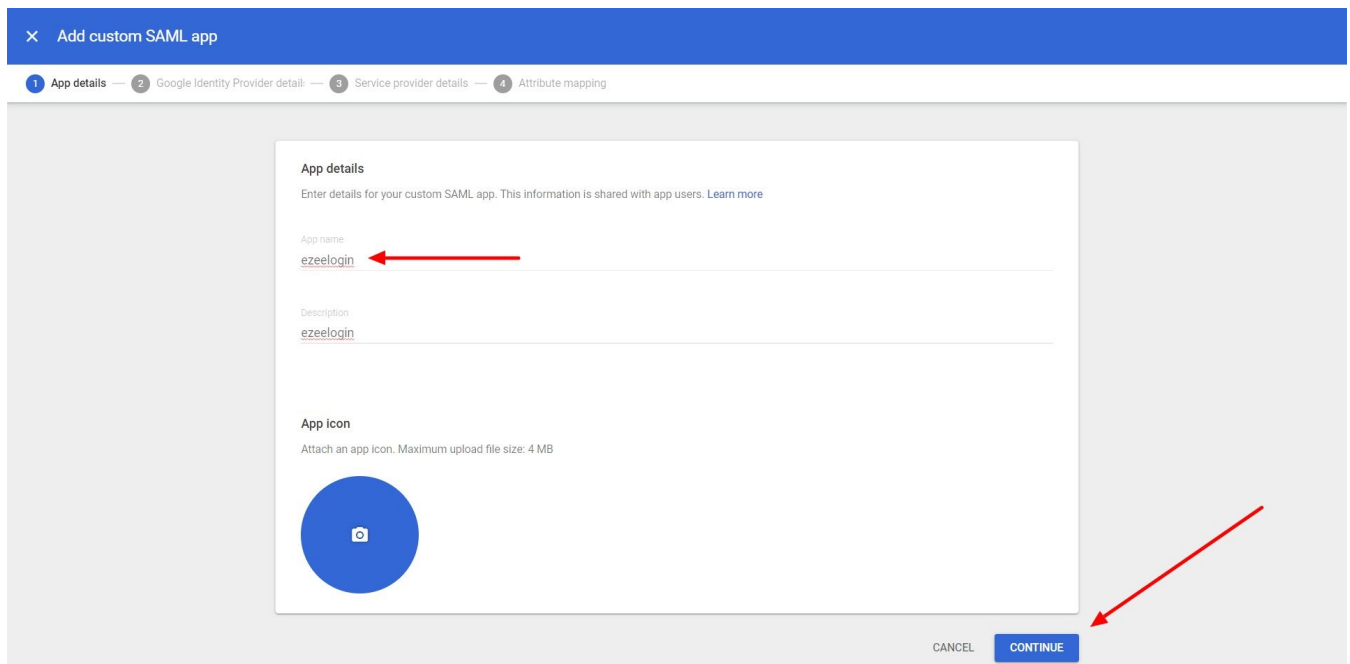
## Integrate GSuite with Ezeelogin SSH Gateway

**Note: SAML is an authentication mechanism for web applications. It's based on web protocols and it cannot be used for user authentication over SSH.**

1. Log in to the **Google Workspace Admin console** and add the application.



2. Add the application name and click on the continue button.



3. Copy **SSO URL**, **Entity ID**, **Certificate** and paste them into Ezeelogin GUI and save the SAML settings.

✕ Add custom SAML app

✓ App details — 2 Google Identity Provider details — 3 Service provider details — 4 Attribute mapping


To configure Single Sign-On (SSO) for SAML apps, follow your service provider's instructions [Learn more](#)


Option 1: Download IdP metadata


DOWNLOAD METADATA


OR


Option 2: Copy the SSO URL, entity ID and certificate



SSO URL 

`https://accounts.google.com/o/saml2/IdP?idpid=C00nc6mm8` 

Entity ID 

`https://accounts.google.com/o/saml2?IdPId=C00nc6mm8` 


Certificate 

**Google\_2027-7-3-93626\_SAML2\_0**  


Expires 3 Jul 2027

—BEGIN CERTIFICATE—  
MIIDDDCCAlYgAwIBAgIQAyHKEgONMA0GCCqGSIb3DQEBwAwIAAMHxvFDASBgNVBAoTC0dvd2dsZSBJ  
bmMuMURyYwFAYDVOQHEw1Nb3VudGFpbWV3MQ8wDQYDVQQDEwZhb29nbGUxGDAWBgNVBAstD0dv  
b2dsZSBJBg3lgV29yazELMAkGA1UEBhMCVVMxEZARBgNVBAGTCkNhbGlnb3JuaWEwHicNMjlnNzA0  
b2dsZSBJBg3lgV29yazELMAkGA1UEBhMCVVMxEZARBgNVBAGTCkNhbGlnb3JuaWEwHicNMjlnNzA0

SHA-256 fingerprint

`53:03:FA:67:5B:CD:15:75:14:80:B9:11:CB:C1:4C:56:E2:94:35:50:5D:F4:FE:0C:42:BA:4A:86:80:74:EC:0D` 

BACK CANCEL **CONTINUE**



Metadata URL -> SSO URL

Entity ID -> Entity ID

Single Sign On Service URL -> SSO URL

Signing Certificate -> Certificate



## Entity ID -> Entity ID

× Add custom SAML app

✓ App details — ✓ Google Identity Provider details — 3 Service provider details — 4 Attribute mapping

**Service provider details**

To configure Single Sign-On, add service provider details such as ACS URL and entity ID. [Learn more](#)

ACS URL

Entity ID

Start URL (optional)  
☐ Signed response

**Name ID**

Defines the naming format supported by the identity provider. [Learn more](#)

Name ID format  
UNSPECIFIED

Name ID  
Basic Information > Primary email

BACK CANCEL **CONTINUE**

5. Map **primary email** with the **username** and click on the finish button.

× Add custom SAML app

✓ App details — ✓ Google Identity Provider details — ✓ Service provider details — 4 Attribute mapping

**Attributes**

Add and select user fields in the Google Directory, then map them to service provider attributes. Attributes marked with \* are mandatory. [Learn more](#)

Google directory attributes	App attributes
Basic Information > Primary email	username

**ADD MAPPING**

**Group membership (optional)**

Group membership information can be sent in the SAML response if the user belongs to any of the groups that you add here.

Google Groups	App attribute
Search for a group	Groups

BACK CANCEL **FINISH**

6. Turn on access to every user to use the application. Click on **OFF for everyone** and change the access to **ON for everyone** and click on the save button.

Admin

Search for users, groups or settings

Apps > Web and mobile apps > ezeelogin

SAML

ez ezeelogin

TEST SAML LOGIN

DOWNLOAD METADATA

EDIT DETAILS

DELETE APP

User access

To make the managed app available to selected users, choose a group or organisational unit. [Learn more](#)

[View details](#)

OFF for everyone

Service provider details

Certificate: Google\_2027-7-3-93626\_SAML2\_0 (Expires 3 Jul 2027)

ACS URL: https://192.168.1.2/ezeelogin/index.php/auth/acs

Entity ID: https://192.168.1.2/ezeelogin/

SAML attribute mapping

Map Google directory user profile fields to SAML service provider attributes.

username: Basic Information > Primary email

Admin

Search for users, groups or settings

Apps > Web and mobile apps > ezeelogin > Service status

ez ezeelogin

All users in this account

Groups

Organisational units

Search for organisational units

cloudweg

Service status:

Service status:

ON for everyone

OFF for everyone

Most changes take effect within a few minutes. [Learn more](#)

1 unsaved change CANCEL SAVE

7. Add a **new user** to use the application.

Admin

Search for users, groups or settings

Users

Users | Showing all users [Add new user](#) Bulk update users Download users More options

+ Add a filter

Name	Email	Status	Last sign-in	Email usage
alex john	alex@cloudweg.com	Active (Added recently)	5 minutes ago	0 GB

ADD NEW USER

Admin

Search for users, groups or settings

Users

Users | Showing all users [Add new user](#) Bulk update users Download users More options

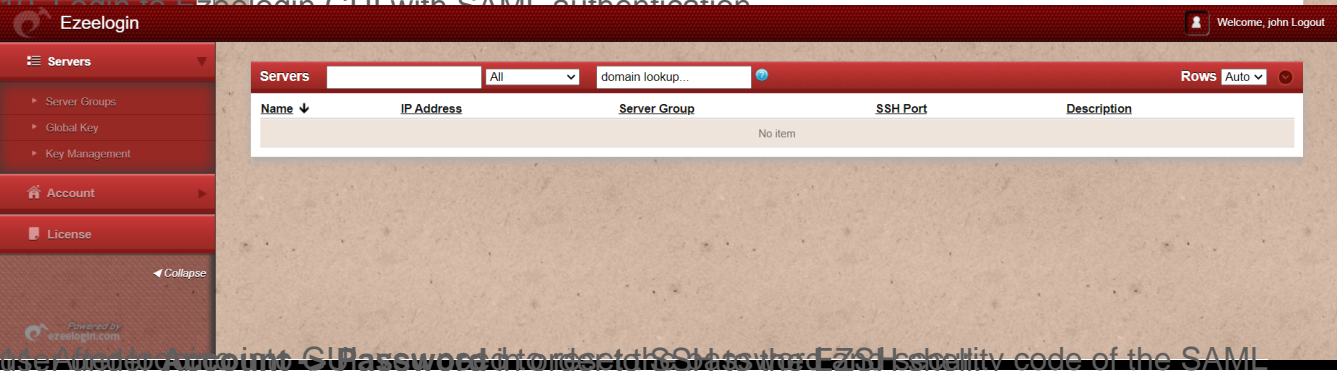
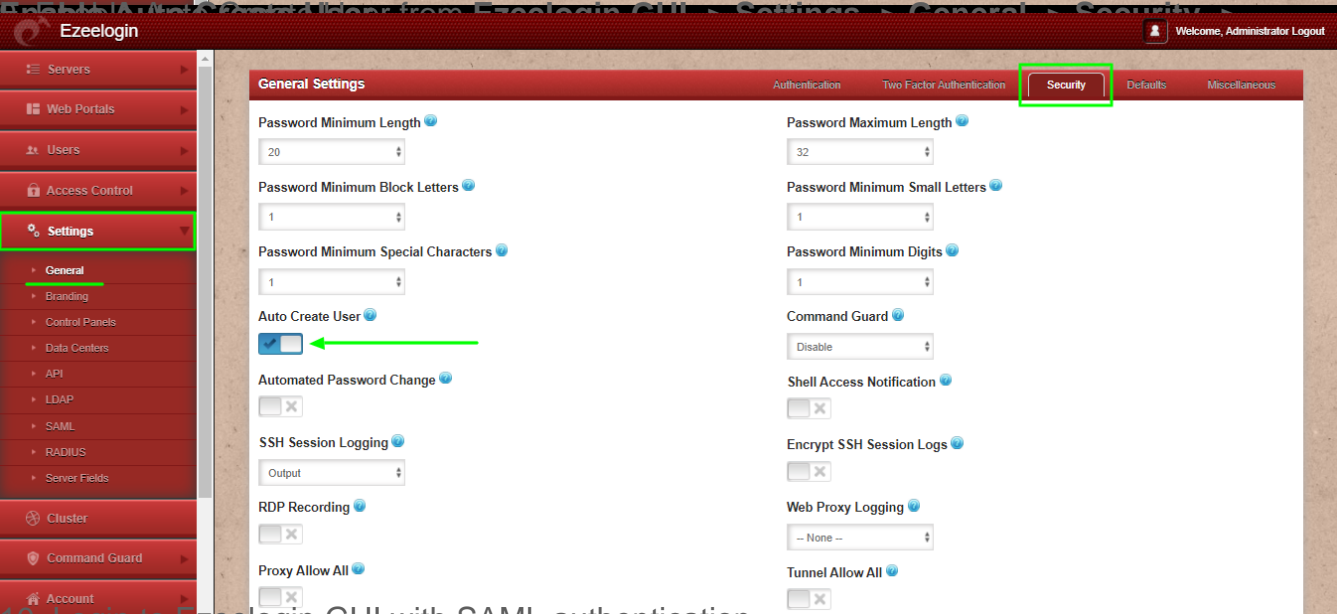
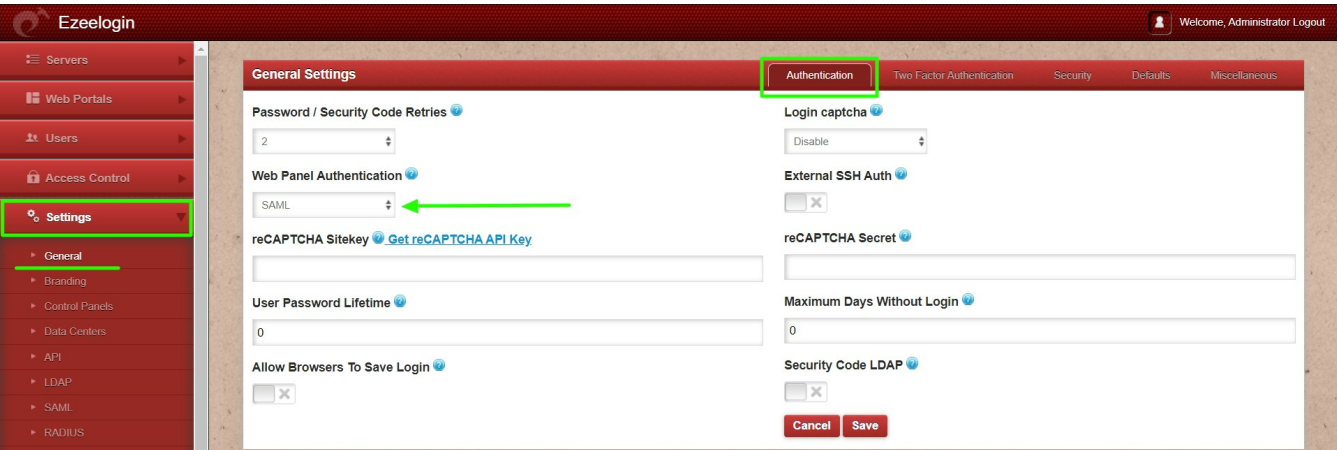
+ Add a filter

Name	Email	Status	Last sign-in	Email usage
alex john	alex@cloudweg.com	Active (Added recently)	5 minutes ago	0 GB

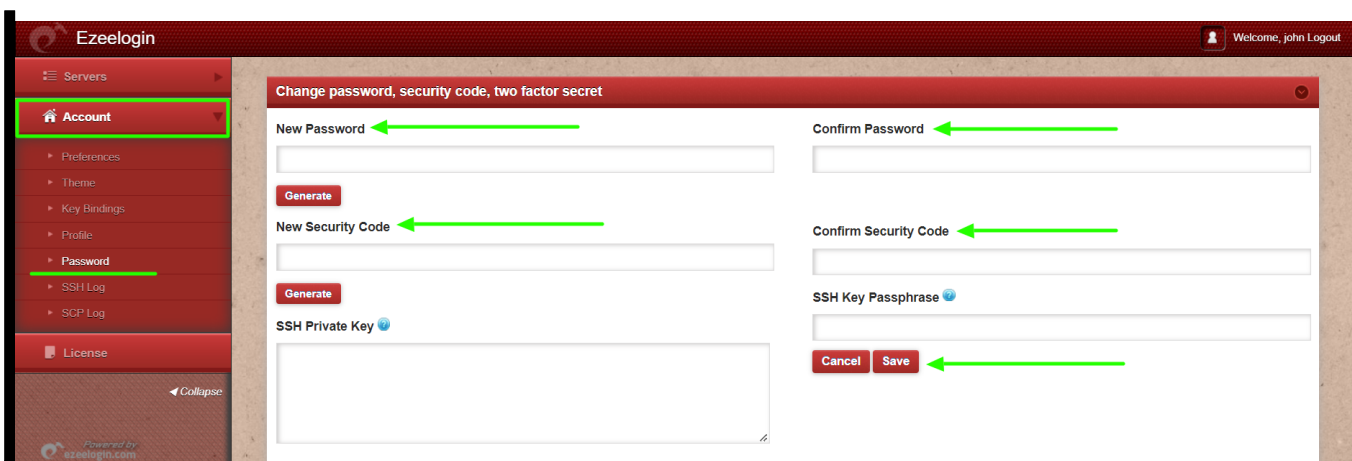
ADD NEW USER

8. Change Web panel Authentication to SAML from **Ezeelogin GUI** >

# Settings > General > Authentication







12. You can log in to **Ezeelogin shell** via **Webssh** shell or using any **SSH client** such as Putty or terminal etc.

**WebSSH:** Click on the '**Open Web SSH Console**' icon to SSH via the browser

Ezeelogin

Welcome, Administrator Logout

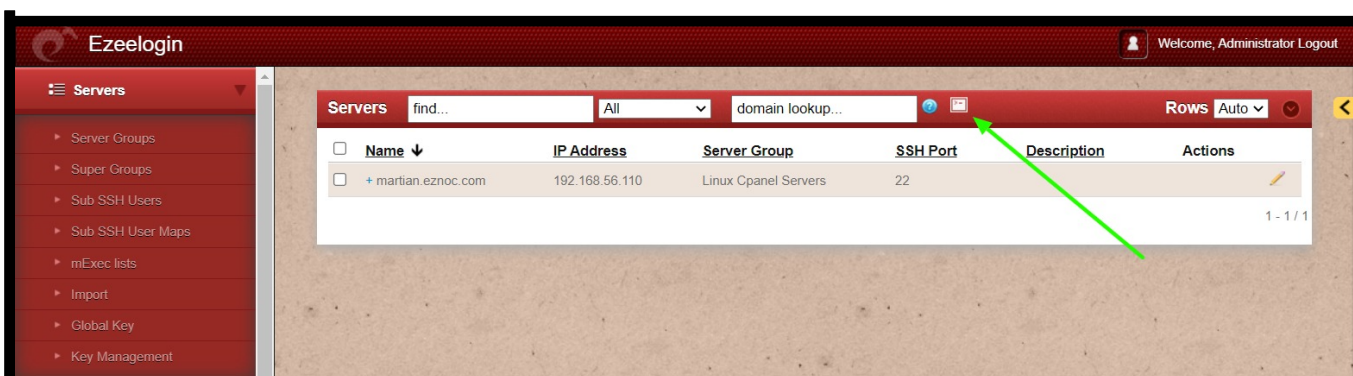
Servers

- Server Groups
- Super Groups
- Sub SSH Users
- Sub SSH User Maps
- mExec lists
- Import
- Global Key
- Key Management

Servers find... All domain lookup... Rows Auto

<input type="checkbox"/>	Name ↓	IP Address	Server Group	SSH Port	Description	Actions
<input type="checkbox"/>	+ martian.eznoc.com	192.168.56.110	Linux Cpanel Servers	22		

1 - 1 / 1



WebSSH terminal will open like below. **Users can navigate the server group with the Up and Down arrow buttons and enter to login into the server.**



*client.testing	Portals
Production.servers	Online gateway server
Testing.Server	Testing
All servers	List of all accessible servers

GROUPS [Normal / ]

Start typing string to locate. ESC: Clear search, F1/+: Help, F4/!: Exit.

Menu Ezeelogin SSH CONNECTION ESTABLISHED

**Native SSH Client:** After resetting the password and security code you can **SSH to the Ezsh shell** (using Terminal or Putty) with the **SAML username**.

```
alex@adezeelogin.com:~$ ssh alex@adezeelogin.com
alex@adezeelogin.com's password:
```

The screenshot shows the Ezeelogin web interface. The left sidebar contains a menu with items like Servers, Web Portals, Users, Access Control, Settings (highlighted with a green box), Cluster, Command Guard, Account, and Help. The main content area is titled 'General Settings' and has tabs for Authentication, Two Factor Authentication (highlighted with a green box), Security, Defaults, and Miscellaneous. Under the Two Factor Authentication tab, there are various settings for Google Authenticator, Duo, Radius, and Yubico. A green arrow points to the 'Skip Two Factor Authentication For SAML' checkbox, which is checked.

Setting	Value
Enable Google Authenticator	<input type="checkbox"/>
Enable Duo	<input type="checkbox"/>
Enable Radius	<input type="checkbox"/>
Yubico Client ID	<a href="#">Get Yubico API Key</a>
YubiKey Sync Level	0
DUO Secret key	<input type="text"/>
Allow Reuse Of Google Authenticator Code	<input type="checkbox"/>
Skip Two Factor Authentication For SAML	<input checked="" type="checkbox"/>
Skip LDAP User Verification	<input type="checkbox"/>
Enable Yubikey	<input type="checkbox"/>
Enable Access Keyword	<input type="checkbox"/>
Force Two Factor Authentication	<input type="checkbox"/>
Yubico Secret Key	<input type="text"/>
DUO Integration key	<input type="text"/>
DUO API hostname	<input type="text"/>
Use Email ID for Duo login	<input type="checkbox"/>

We would recommend you to use the webssh shell when you are using SAML authentication. Using webssh shell is a lot more convenient as you would not have to worry about the SSH password or the security code for the users.

## Set up webssh console in Ezeelogin and ssh via browser

**SAMM** and the standard sig-SAM (you have to use the `sigSAM` package). If you want to use the

Online URL: <https://www.ezeelogin.com/kb/article/integrate-gsuite-sso-with-jumpserver-513.html>