Integrate Authentik SSO with Jumpserver

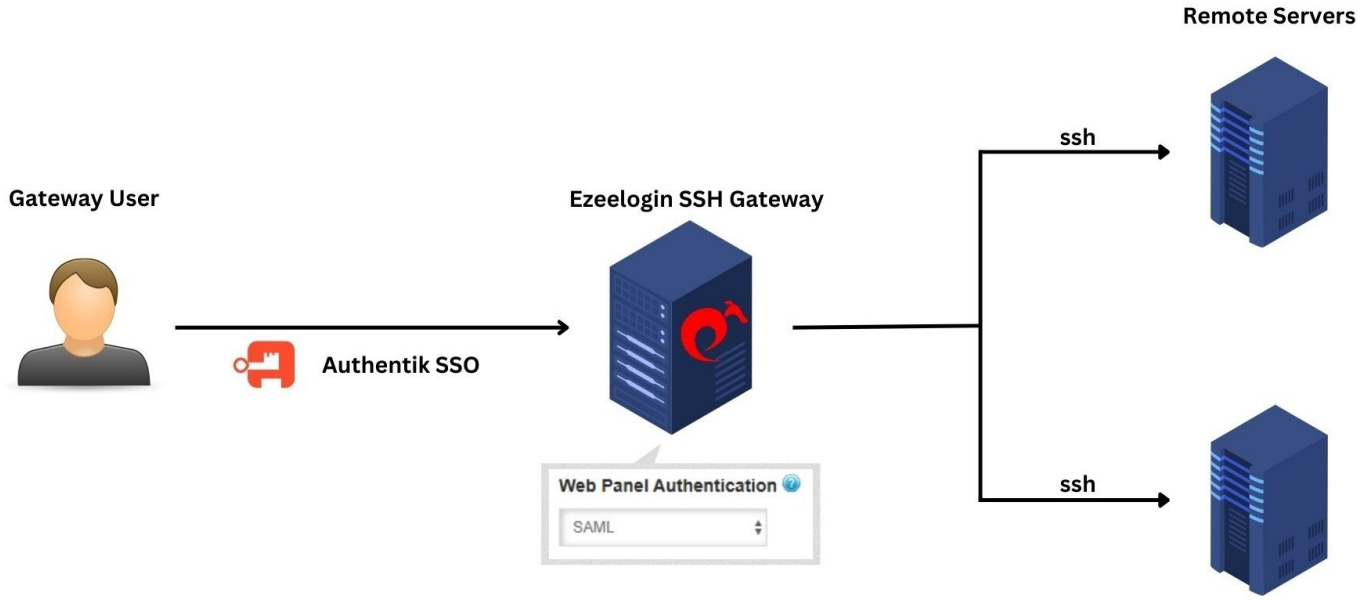
759 Nesvin KN July 23, 2025 Features & Functionalities, Productivity & Efficiency Features 6191

Integrate Authentik SSO with Ezeelogin SSH Gateway

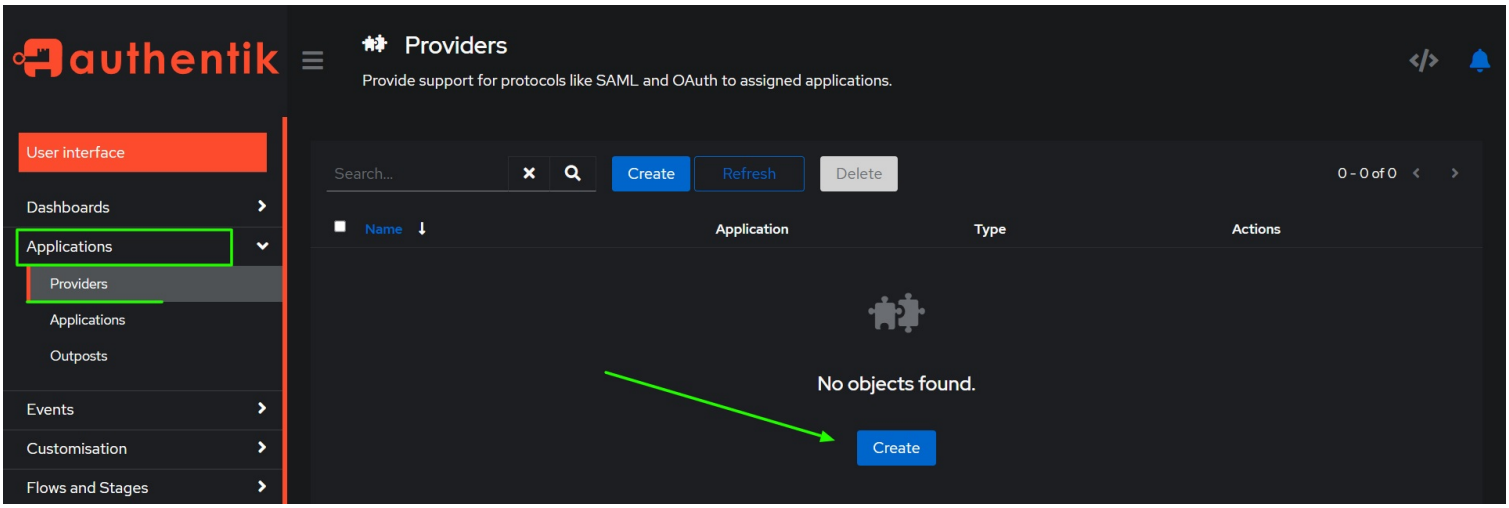
Overview: This article will help Ezeelogin admin users to integrate Authentik SSO with Ezeelogin gateway server.

SAML is an authentication mechanism for web applications.

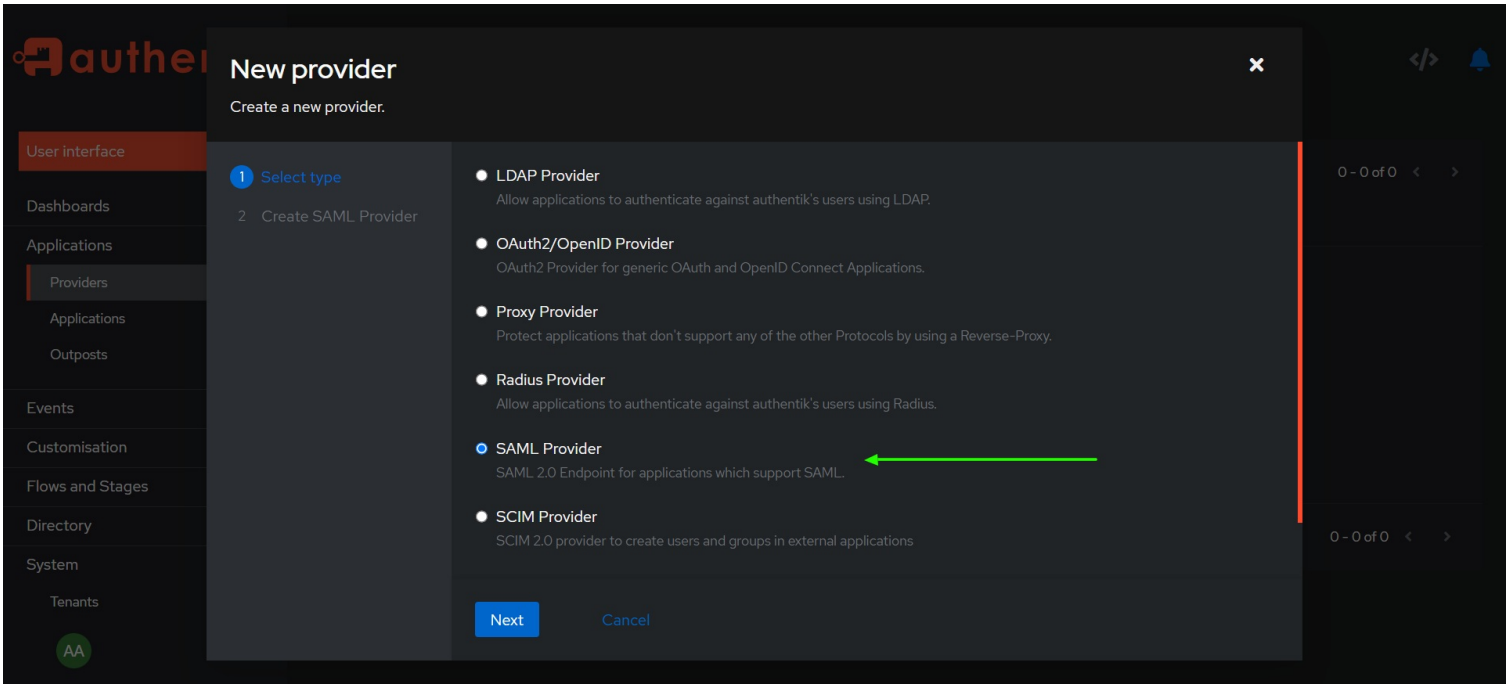
It's based on web protocols and it cannot be used for user authentication over SSH.



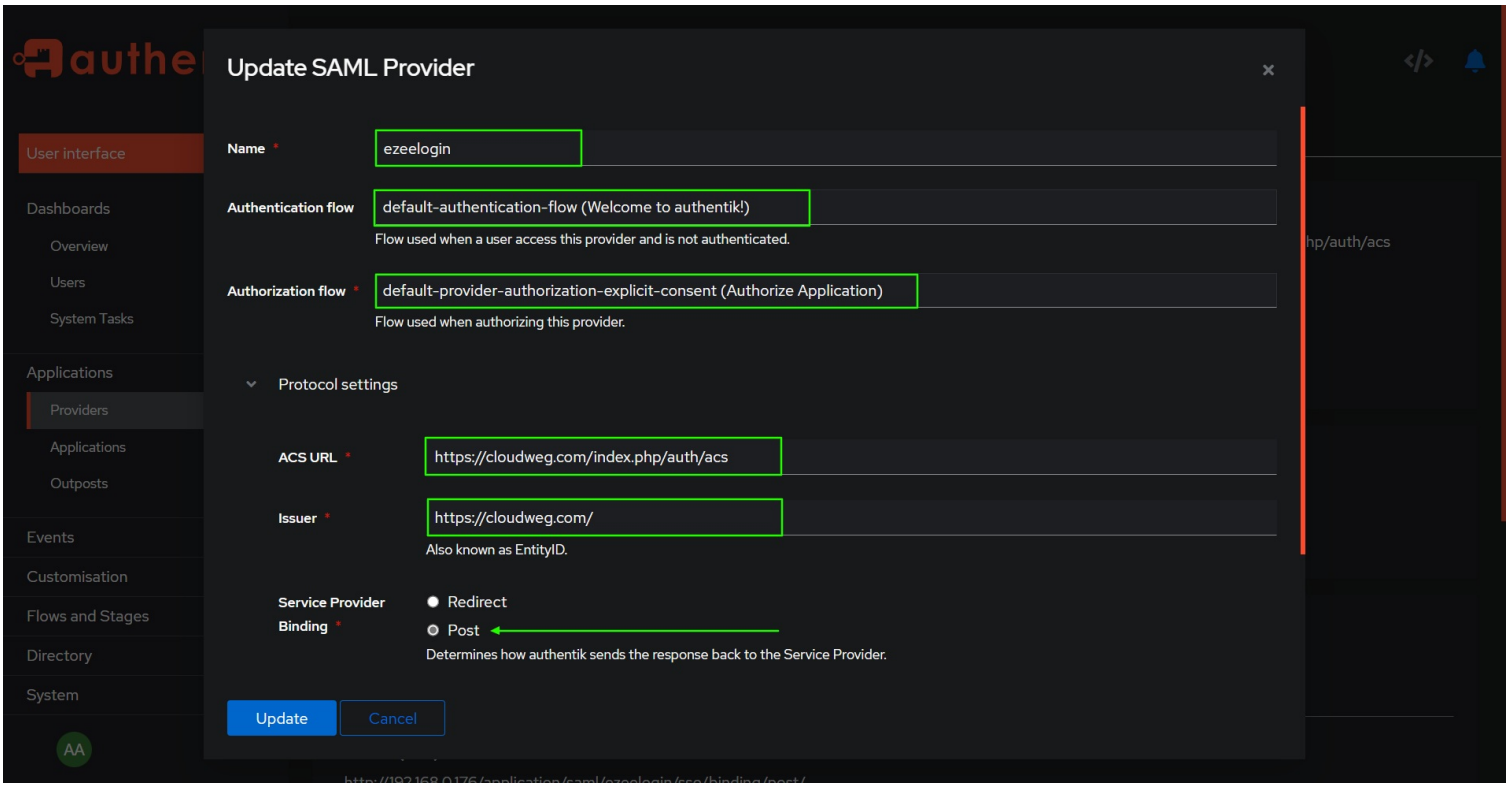
Step 1: Login to **Authentik** **administrator dashboard** and add **Providers** under **Application tab**.

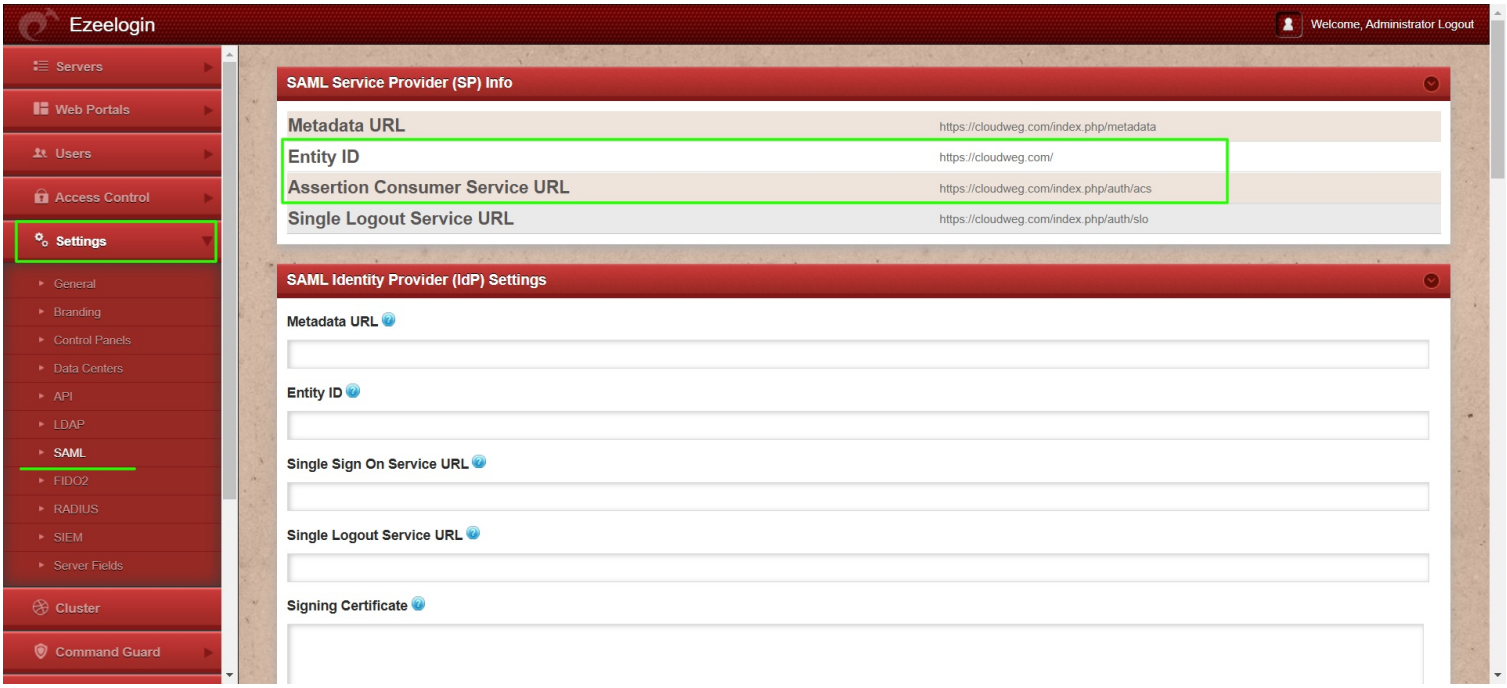


Step 2: Select **SAML Provider** and click **next**.

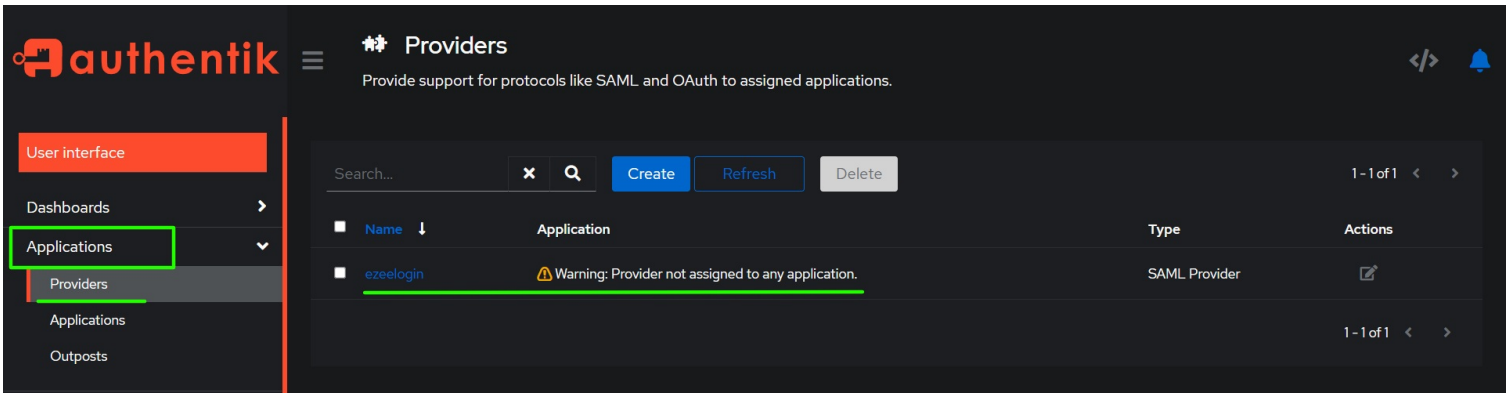


Step 3: Provide a **name for the SAML provider** and set both the **Authentication Flow** and **Authorization Flow** to **default**. Under **Protocol Settings**, paste the **ACS URL** and **Entity ID** from the **Ezeelogin SAML settings in the GUI**, select **POST** then click **Finish**.

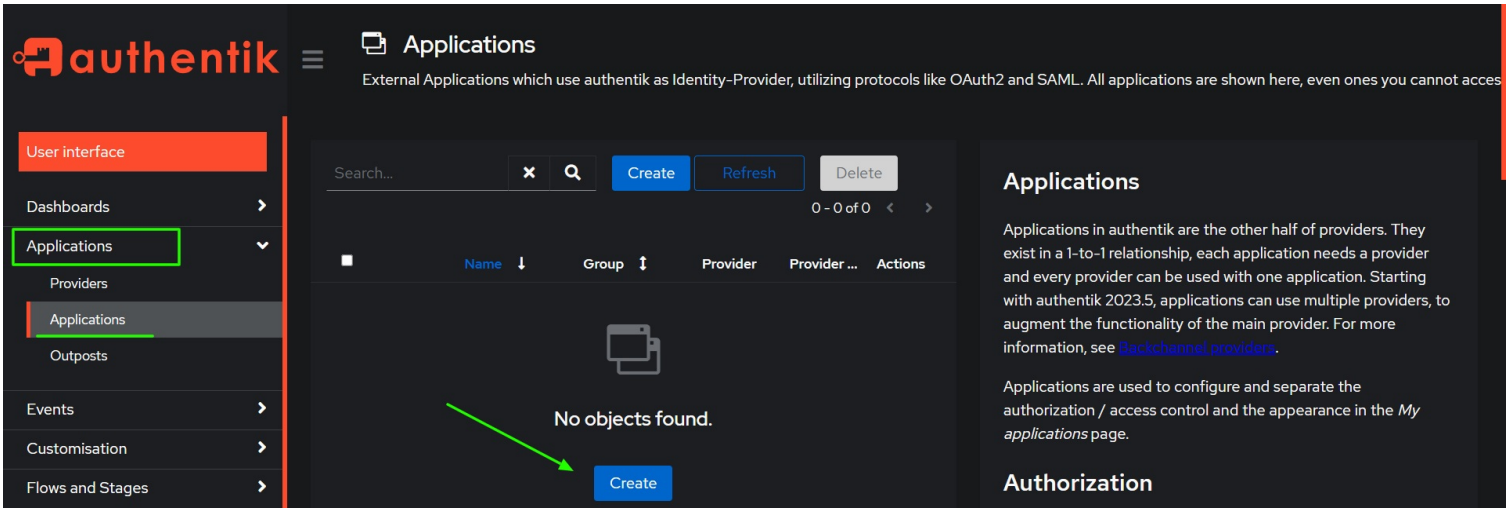




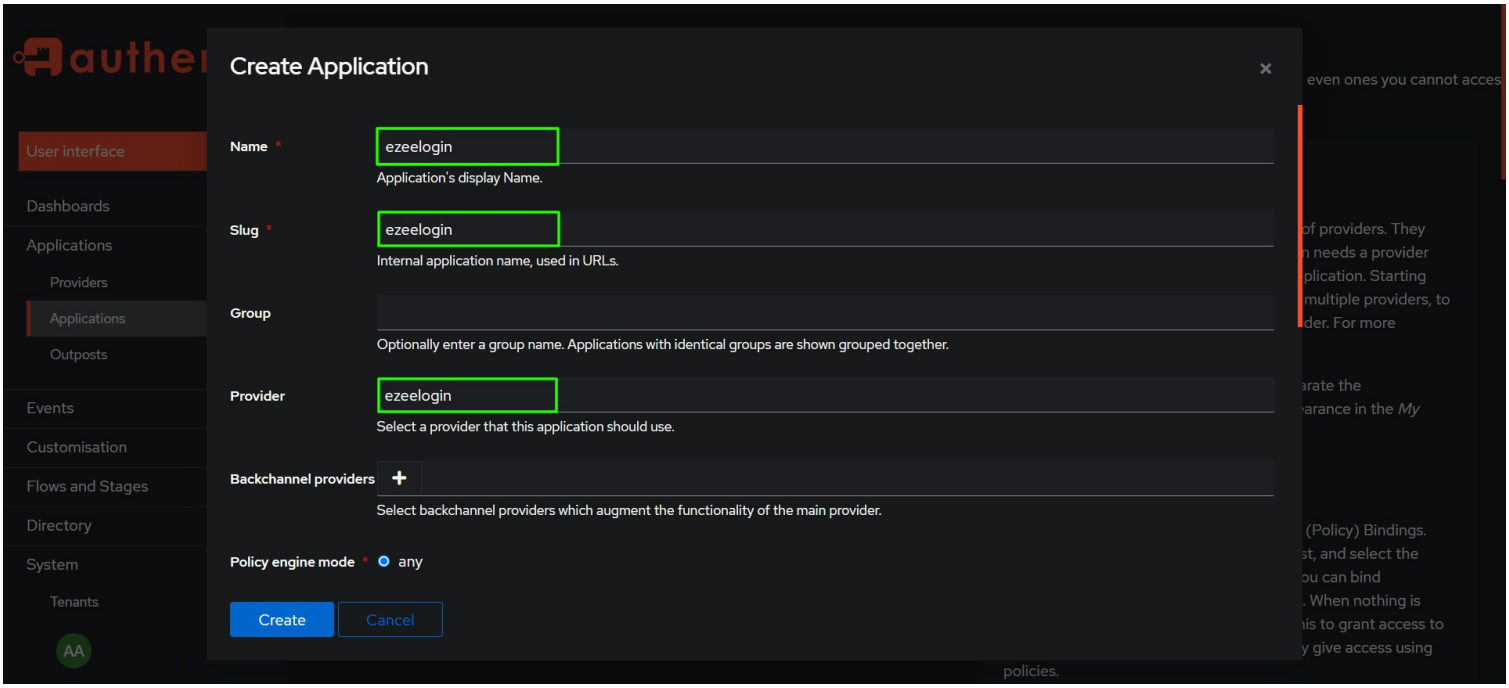
Step 4: After successfully creating the SAML provider, it will be listed under the Providers tab and display a warning message stating, "**Provider not assigned to any application**."



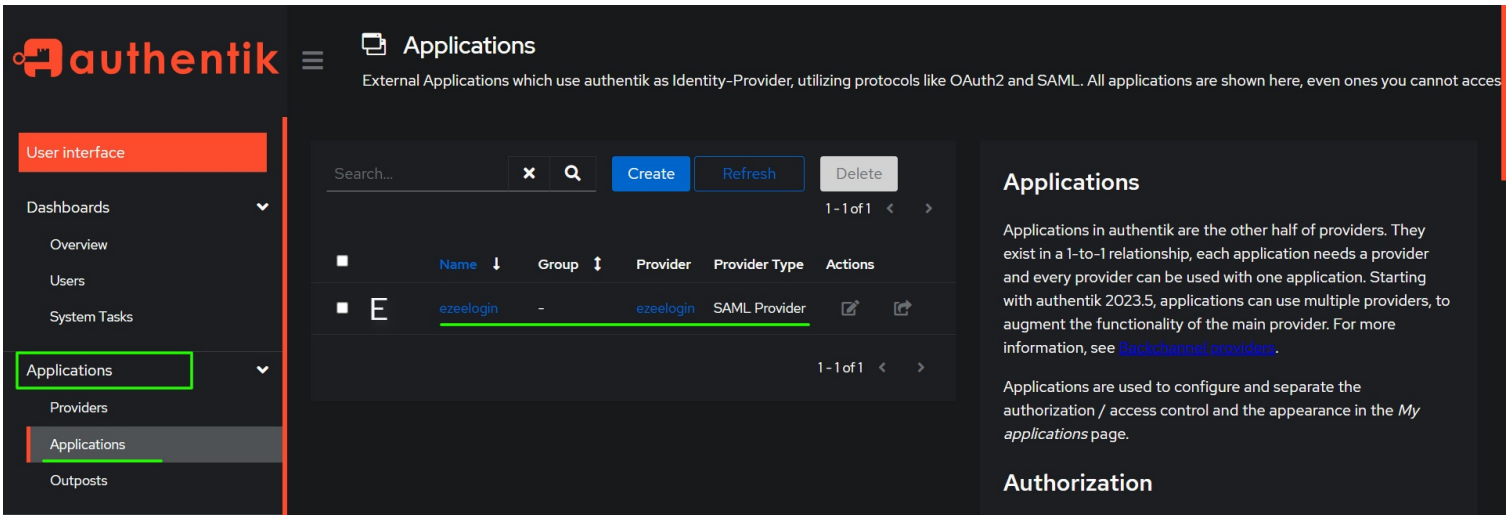
Step 5: Add an **Application** under the **Applications tab**.

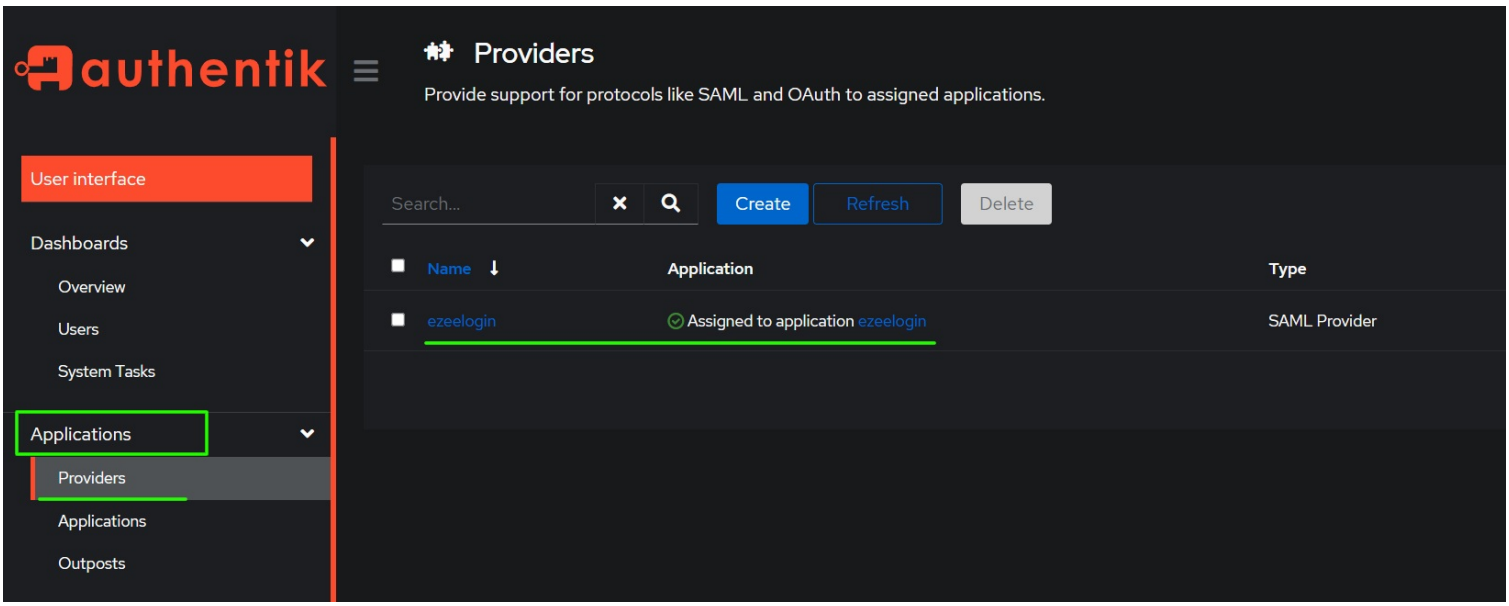


Step 6: Provide a **name for the application**, select the **provider** using the **drop-down box**, and **create the application**.

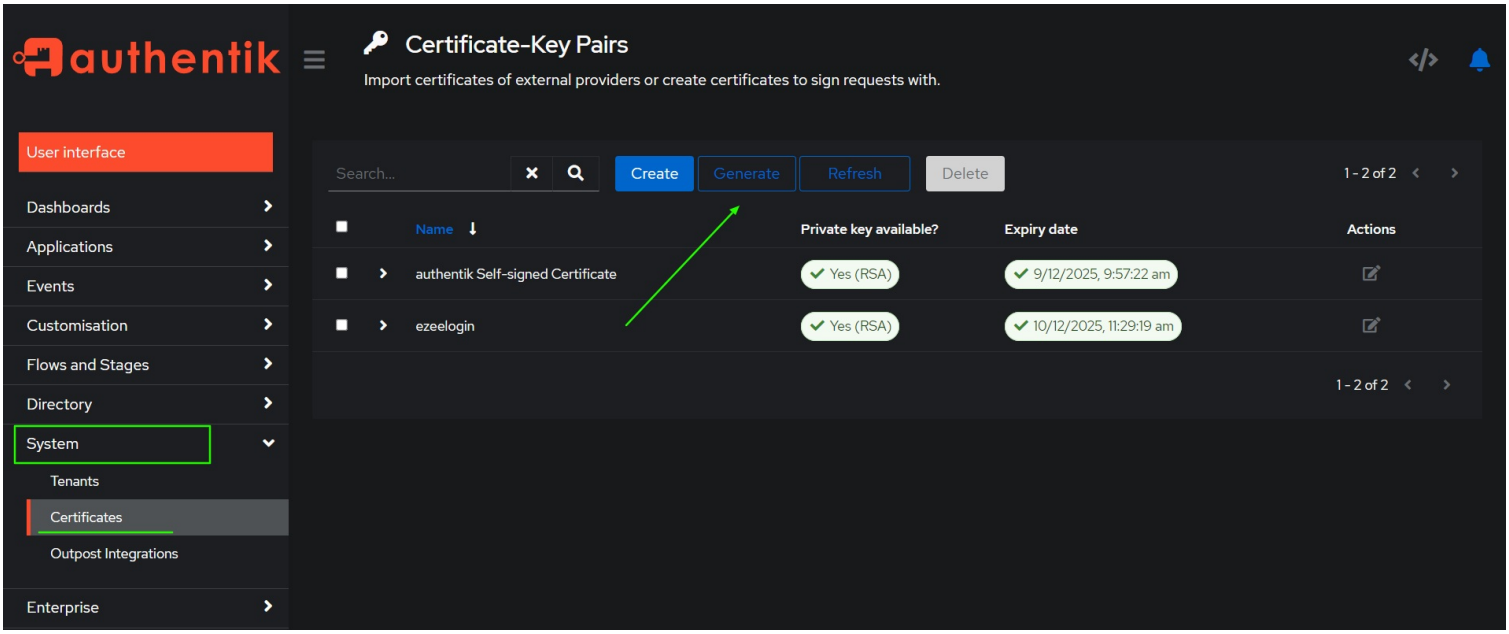


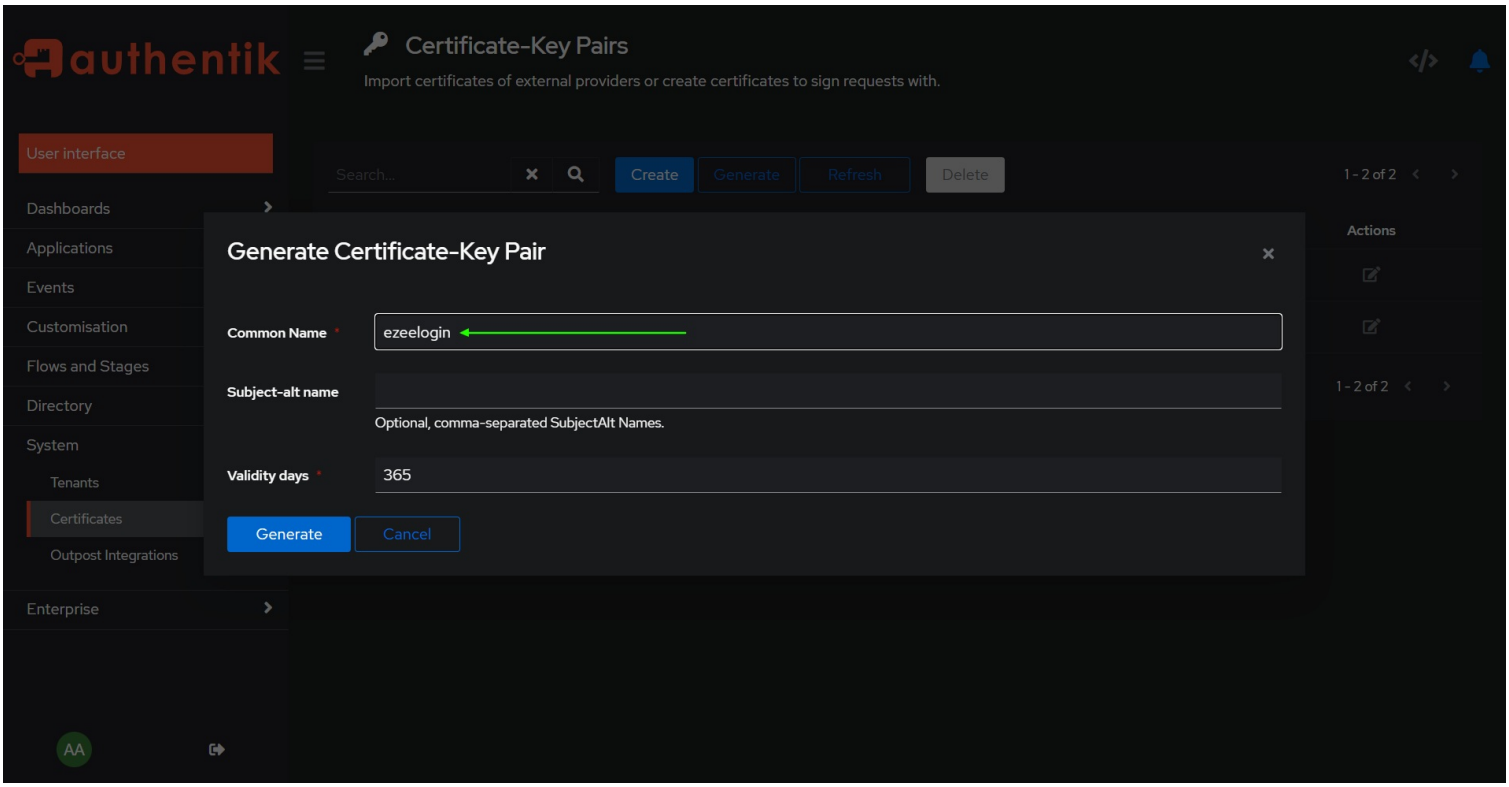
Step 7: After the successful creation of the application, it will be listed under the Applications tab. Also, **check the Providers tab to see if the previous warning message has disappeared**.



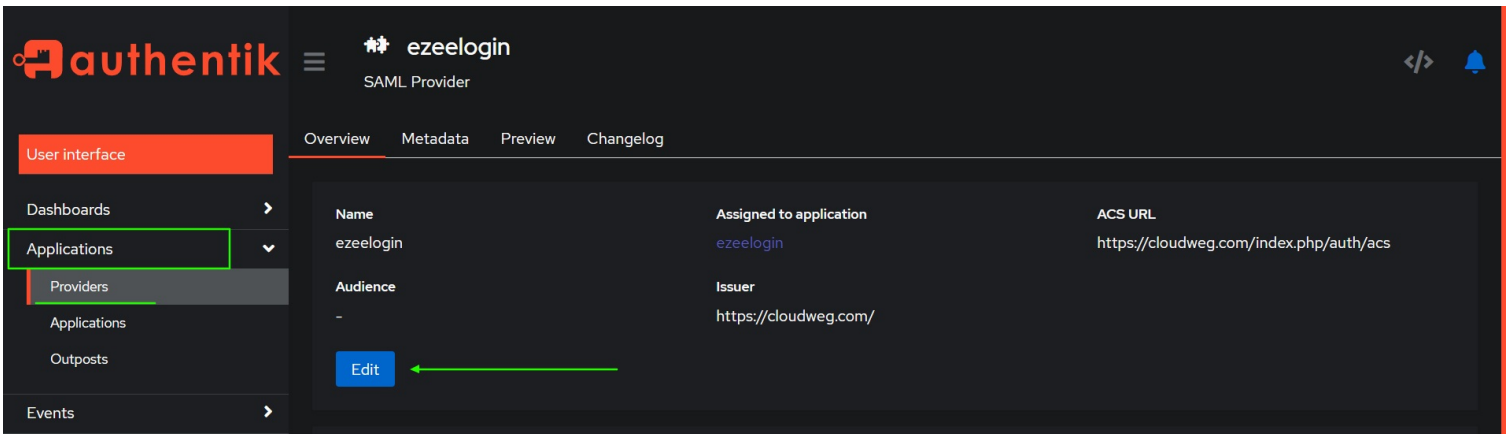


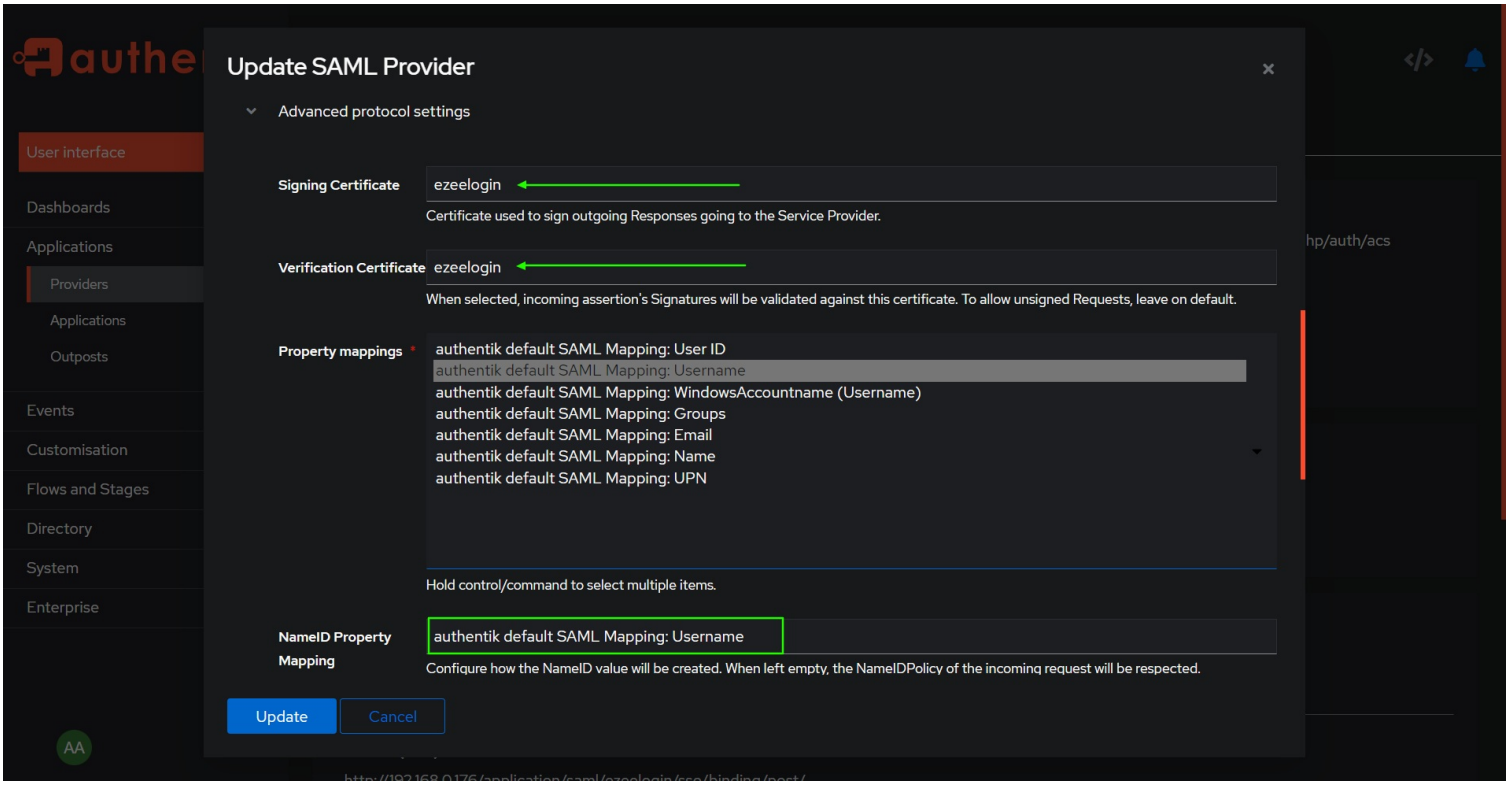
Step 8: Generate new **Certificate-Key Pair** for Ezeelogin and provide a name for certificate and click **generate**.



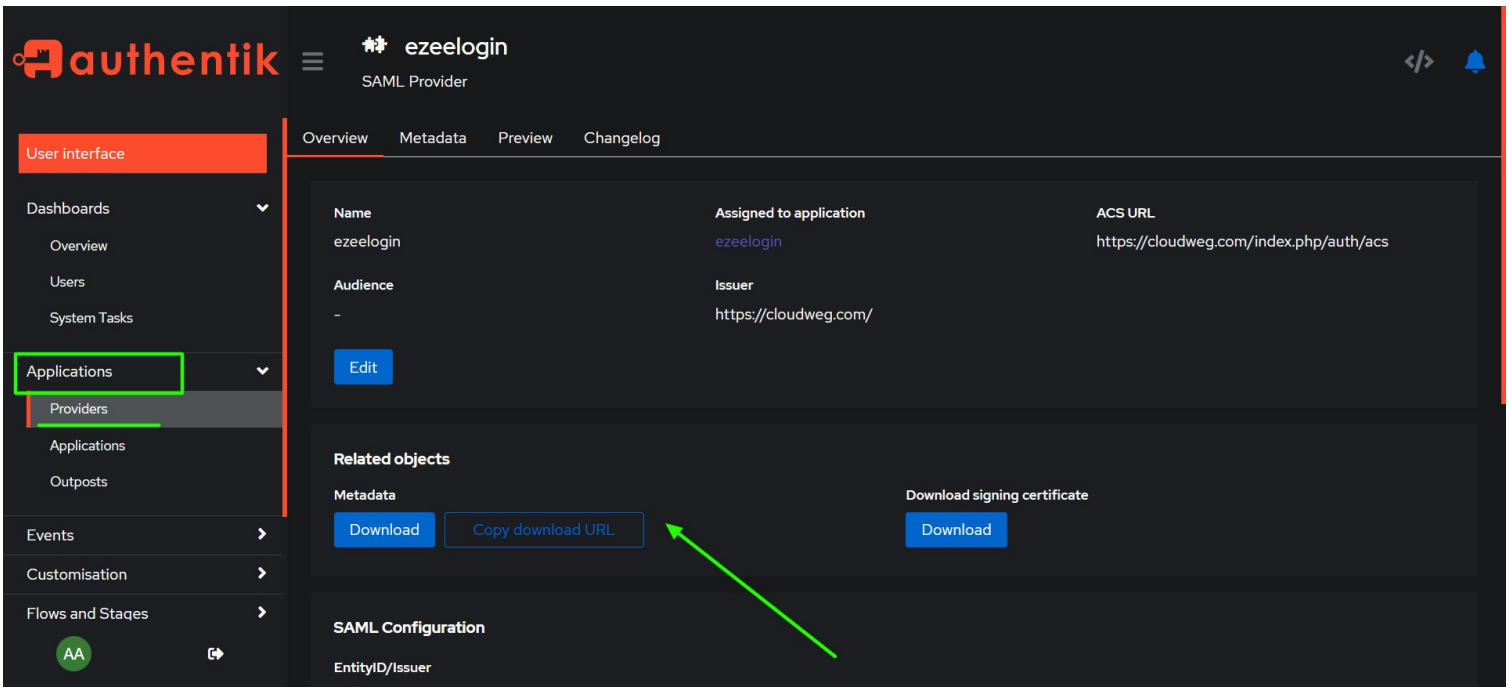


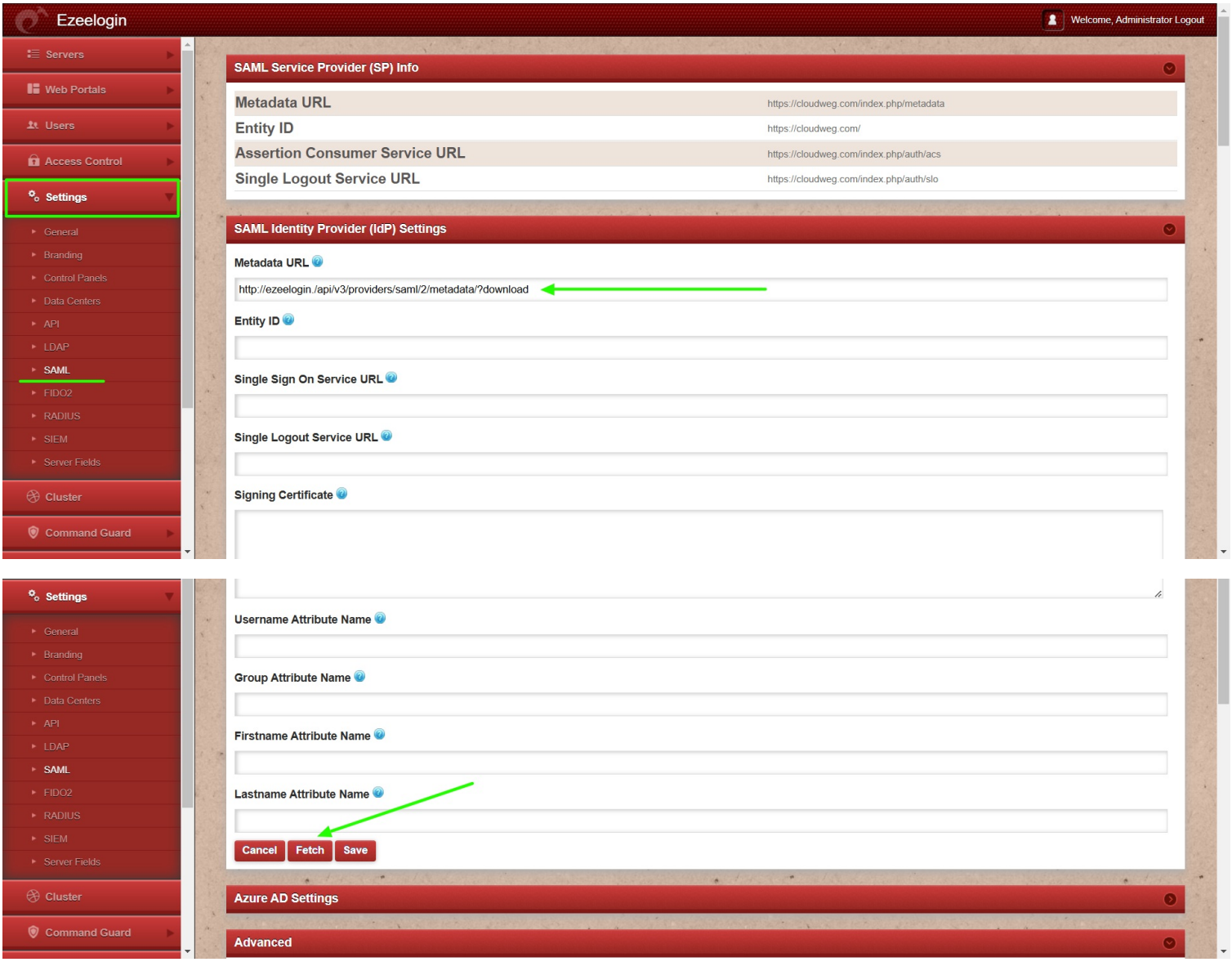
Step 9: Edit the **Application provider**, **map the certificate**, and **configure the NameID property mapping**, then click **Update**.



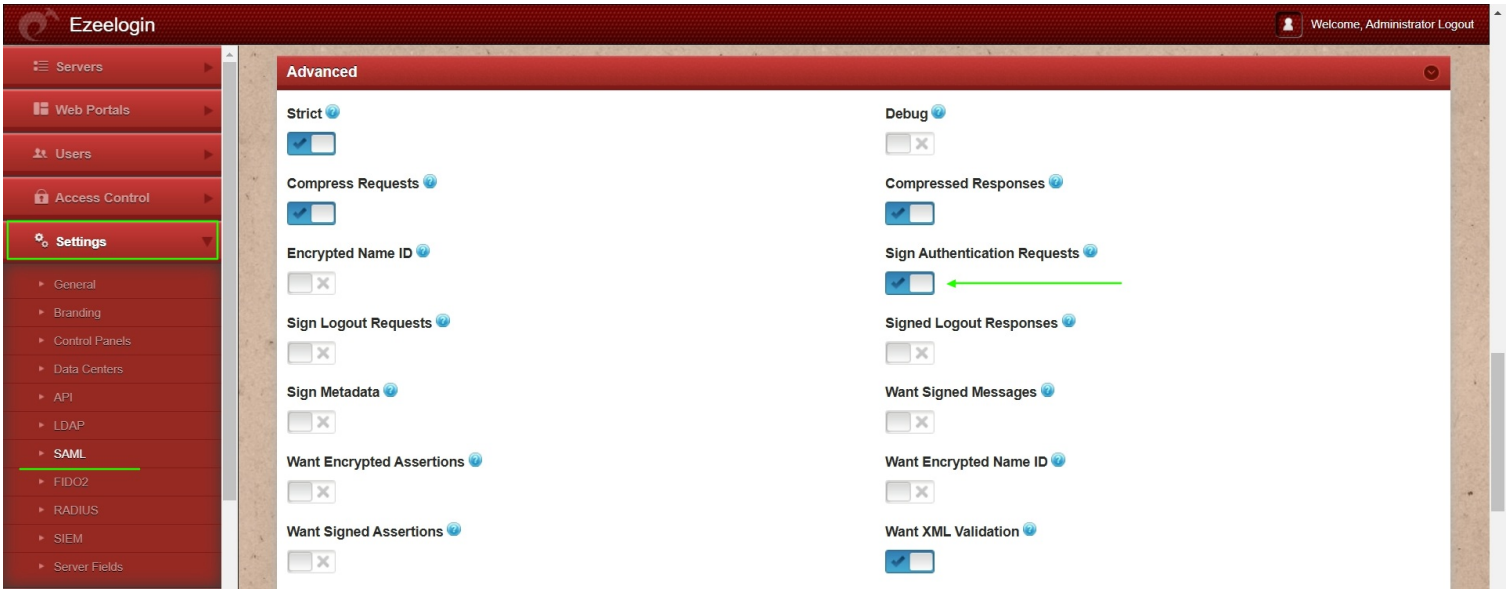


Step 10: Click on the provider name, **copy the download URL**, paste it into the Ezeelogin GUI, and click "**Fetch**" to automatically populate the data and save the settings.

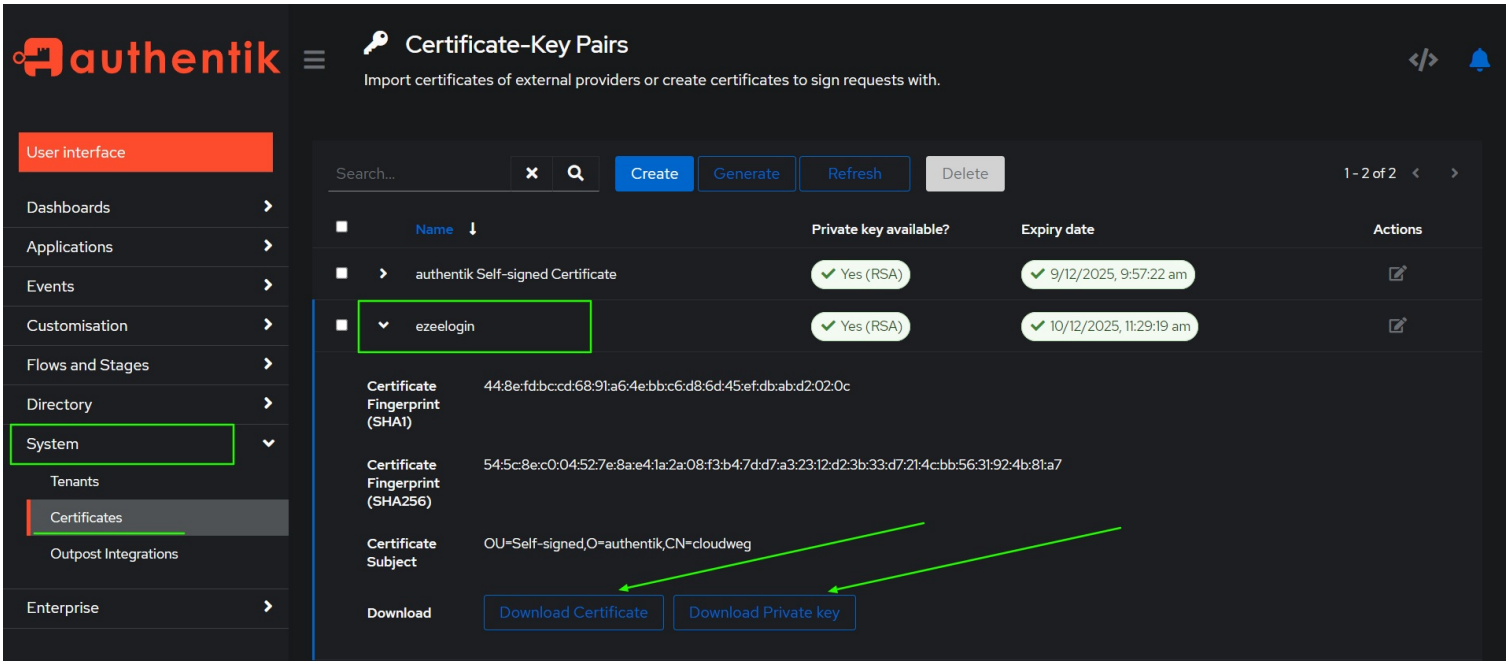


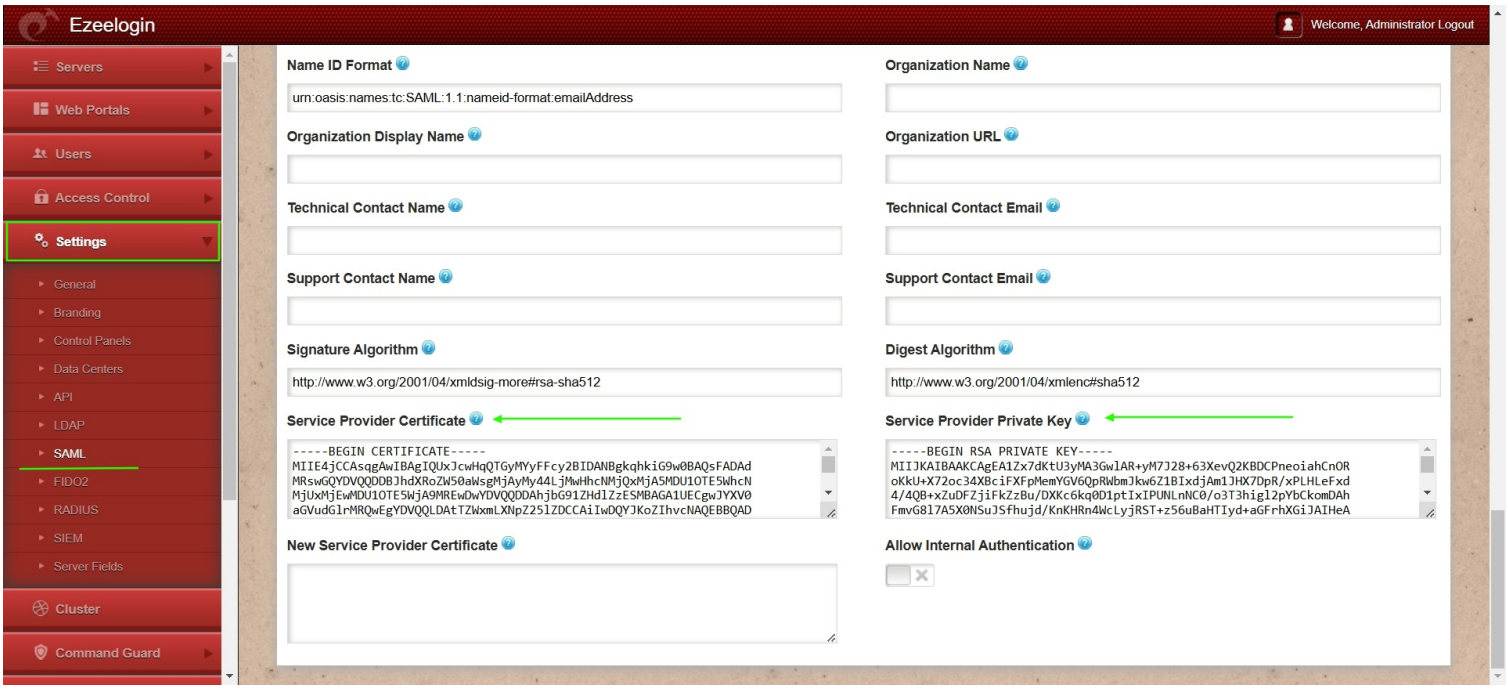


Step 11: Edit the **SAML settings** in the Ezeelogin GUI, and in the **advanced section**, enable **Sign Authentication Requests**.

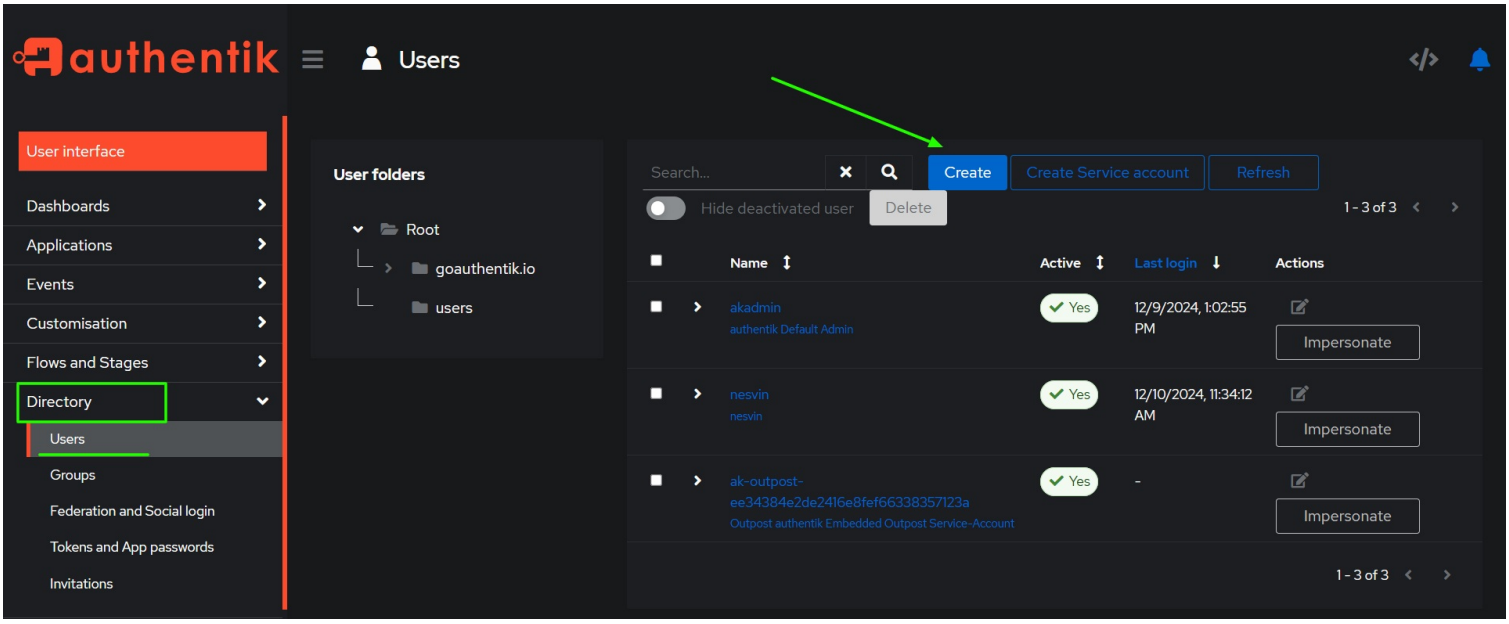


Step 12: Download the certificate and private key, and paste them into the **Ezeelogin SAML settings**.

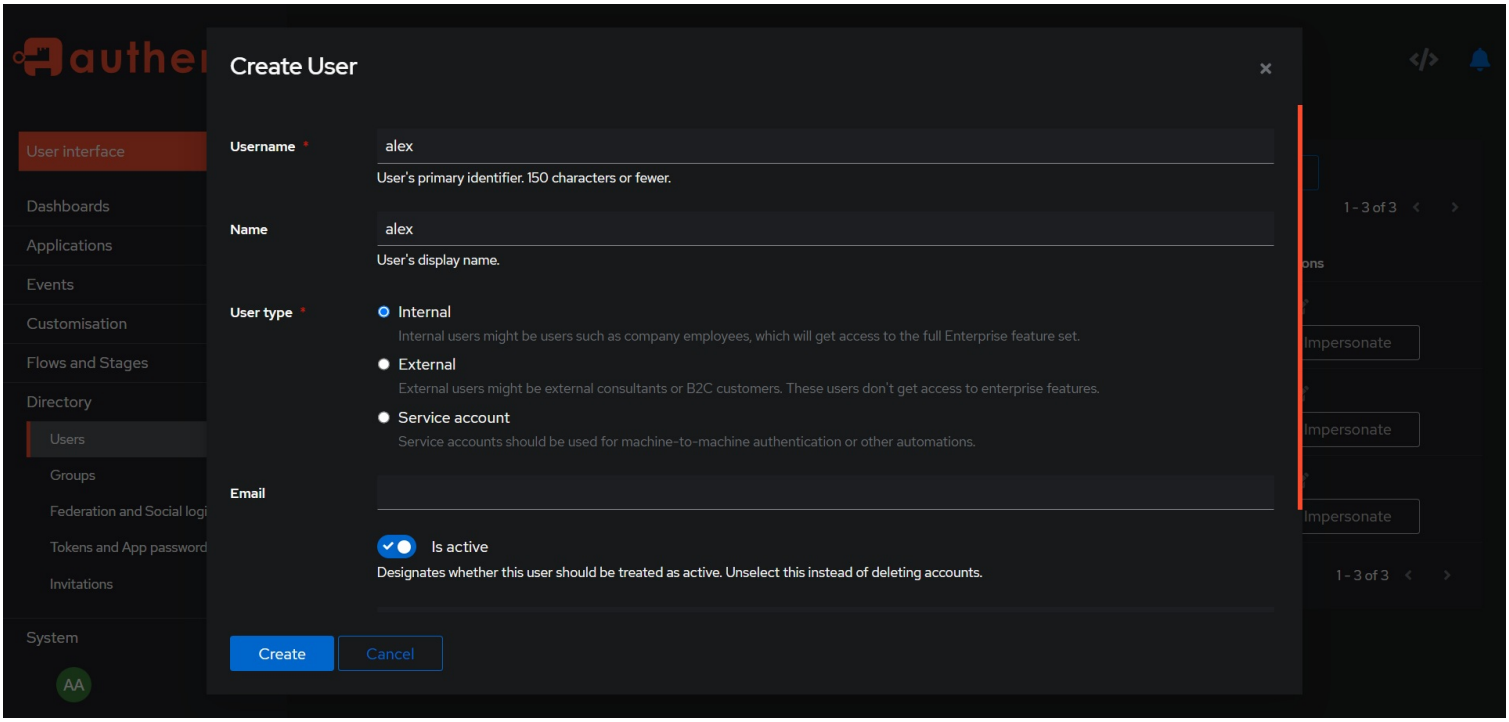




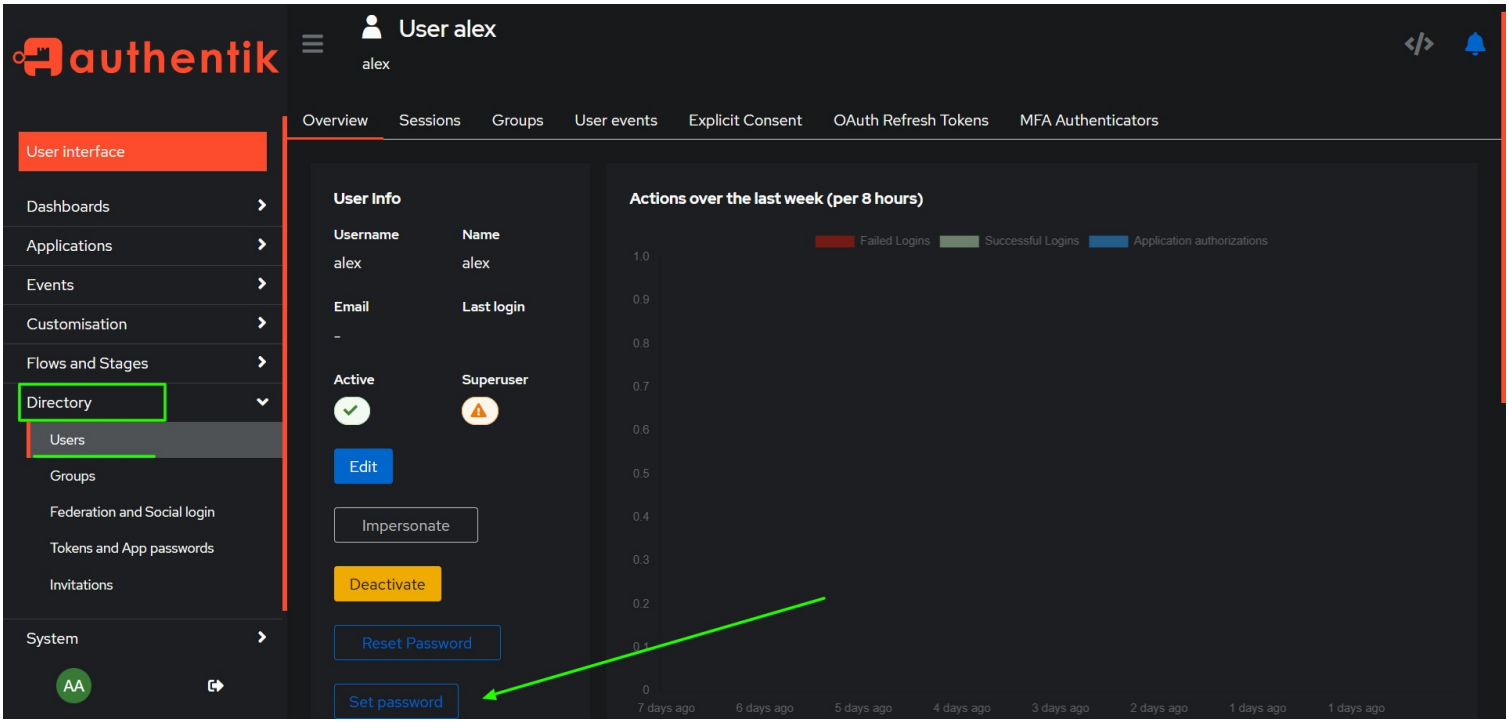
Step 13: Add a **new user** to use the application.



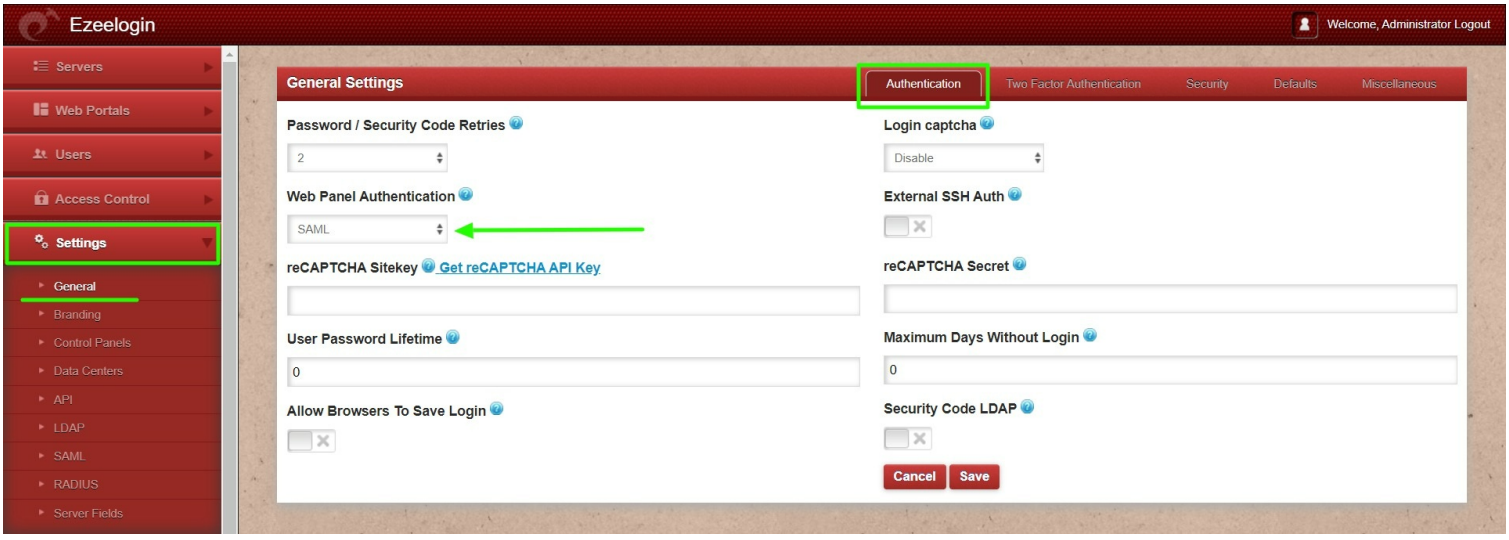
Step 14: Provide the **username** and **name**, select **Internal**, and then **create the user**.



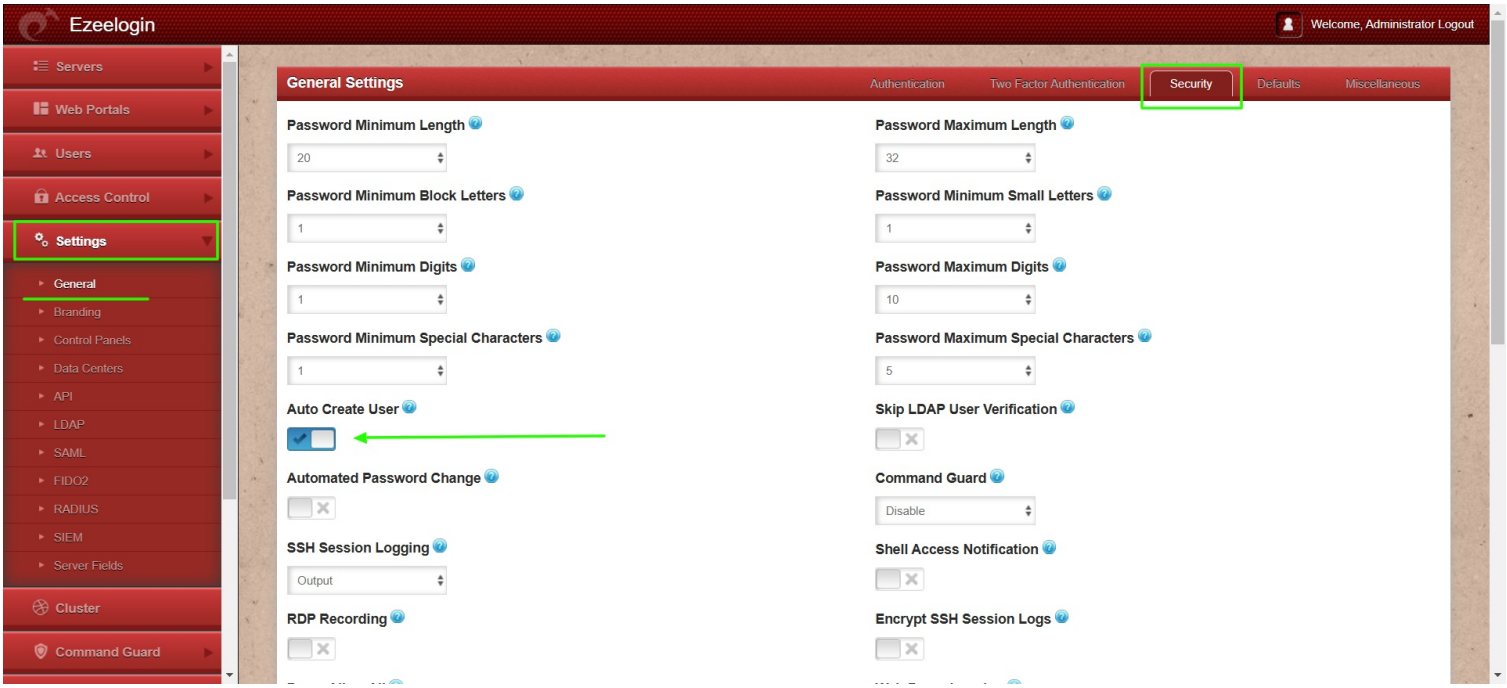
Step 15: Edit the user and **set password** for the new user.



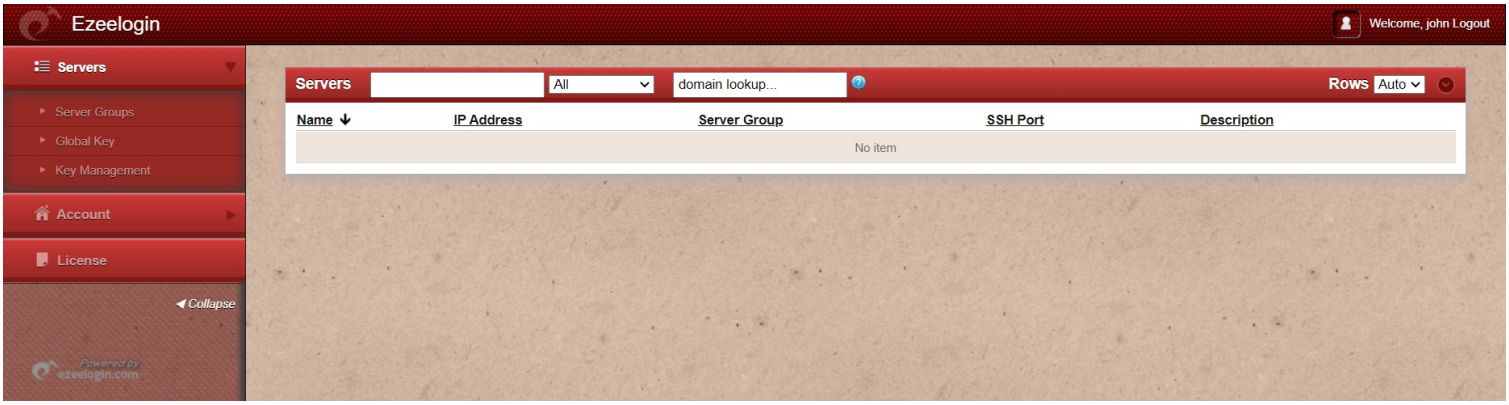
Step 16: Change Web panel Authentication to SAML from **Ezeelogin GUI > Settings > General >Authentication**



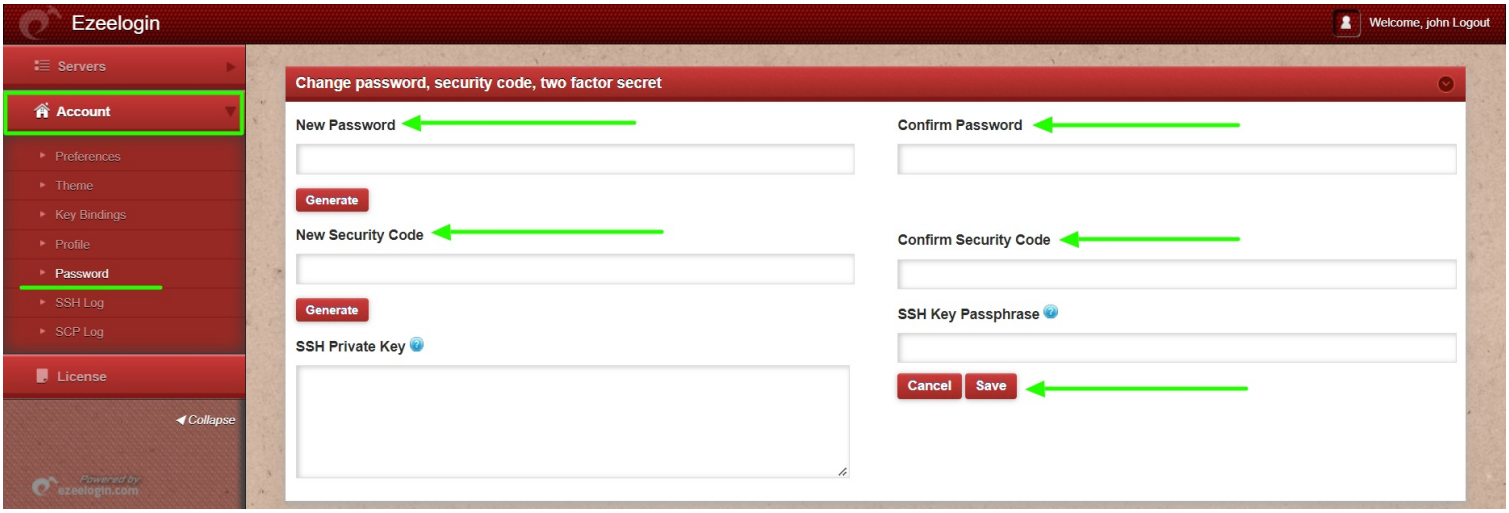
Step 17: Enable **Auto Create** User from **Ezeelogin GUI** -> **Settings** -> **General** -> **Security** -> **Enable Auto Create User.**



Step 18: Login to Ezeelogin GUI with SAML authentication.

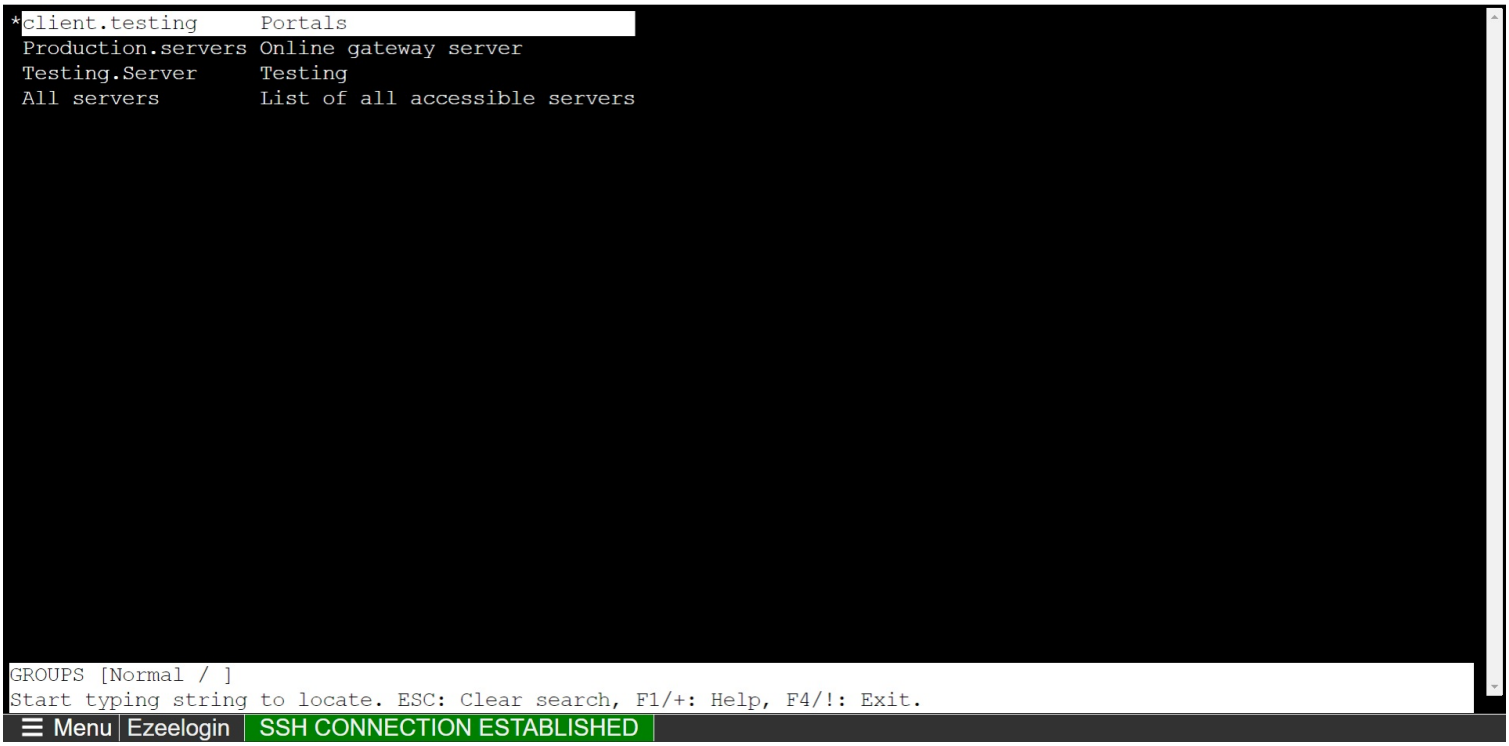


Step 19: After logging into GUI, you need to **reset the password and security code of the SAML user** under **Account** -> **Password** in order to SSH to the EZSH shell.



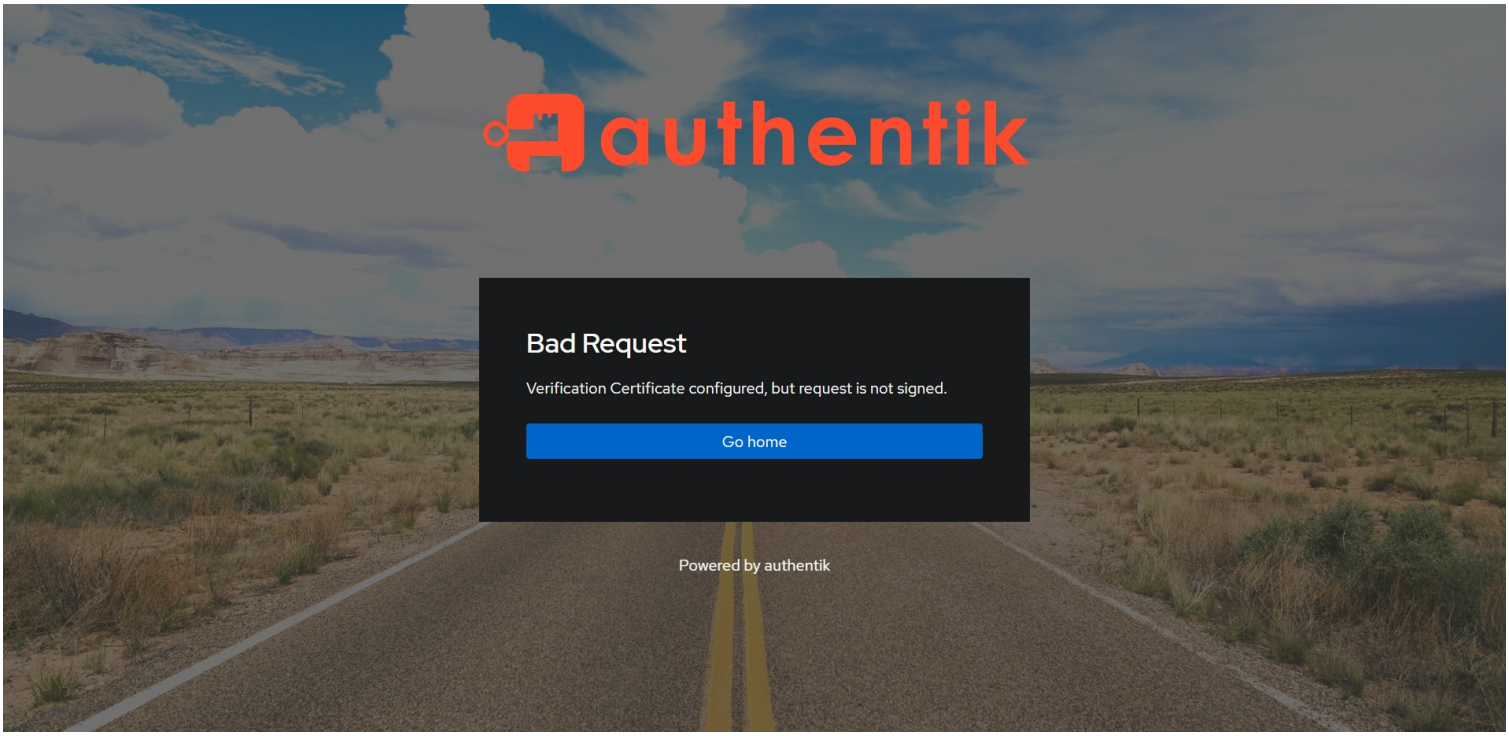
Step 15:. Login to **Ezeelogin shell via Webssh shell or using any SSH client** such as Putty or terminal etc. WebSSH: Click on the '**Open Web SSH Console**' icon to SSH via the browser.

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.



Common error while accessing Ezeelogin with Authentik SSO login.

Bad Request Verification Certificate configured, but request is not signed.



Verify Ezeelogin settings with step 11 and 12 from above steps to fix the above error.

Related Articles:

Integrating SSO/SAML with Ezeelogin PAM

Map existing user group from SAML provider to ezeelogin.

Online URL: https://www.ezeelogin.com/kb/article/integrate-authentik-sso-with-jumpserver-759.html