JumpCloud SSO & SCIM Guide

Getting Started

Accessing your user-based license

You can find your new SSO/SCIM User Licensing subscription in My Account:

- Navigate to www.geneious.com/account
- Log in with your existing credentials
- From the header drop down, select your user based subscription

Preparing Prime

In order to follow the below steps to enable your SSO/SCIM configuration, you will need to be using at least version 2024.0 of Prime, and have deactivated your existing Prime activation.

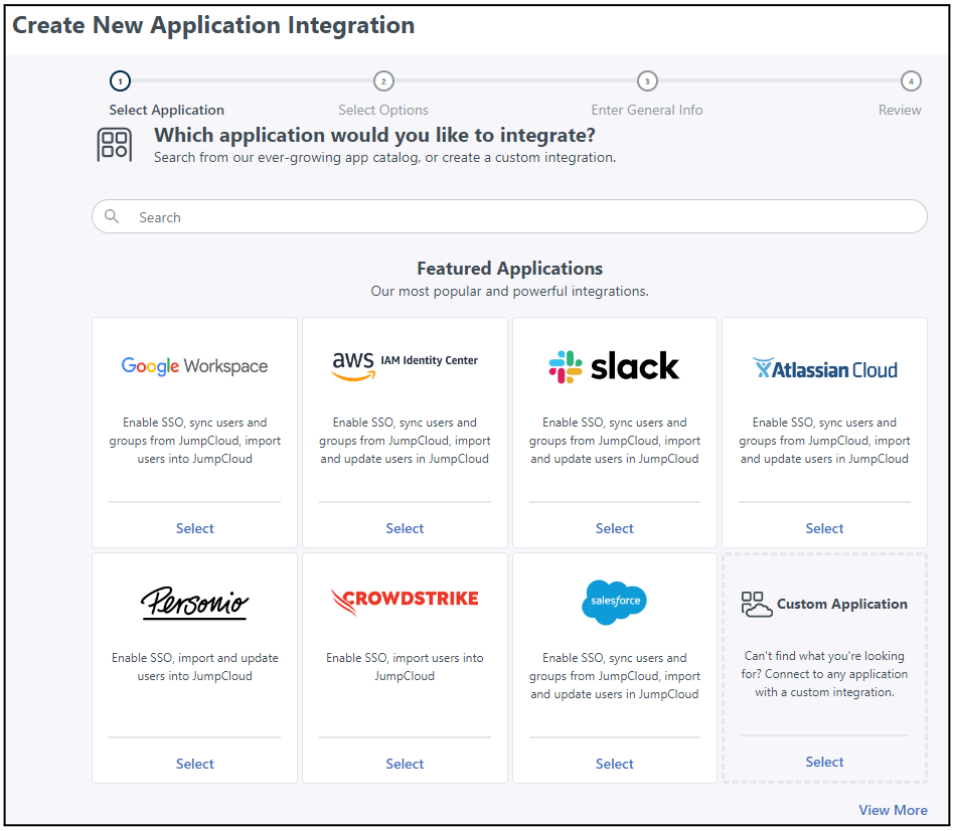
- To download the latest version, visit our Updates page, or update via the in-app updates feature
- Deactivate your current license by following **Help -> Manage License...**
- Let the Prime team know if your deactivation limit needs to be extended
- After deactivation, Prime should display the activation screen, or reopen in Restricted mode. You are now ready to apply your SSO and/or SCIM configuration following the steps below.

JumpCloud Configuration

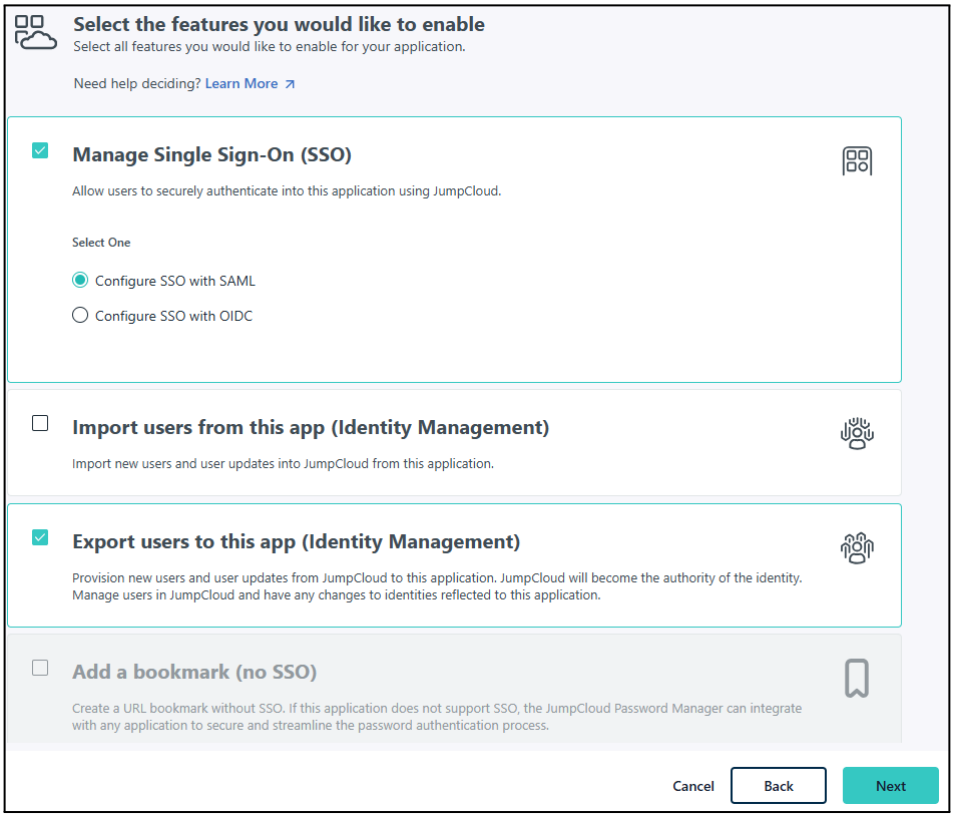
To use JumpCloud as your vendor, please follow the steps below to configure your application. The first two sections detail instructions for setting up Geneious Prime as an SSO application in JumpCloud, while the third configures SCIM for identity management.

Creating an Application in JumpCloud

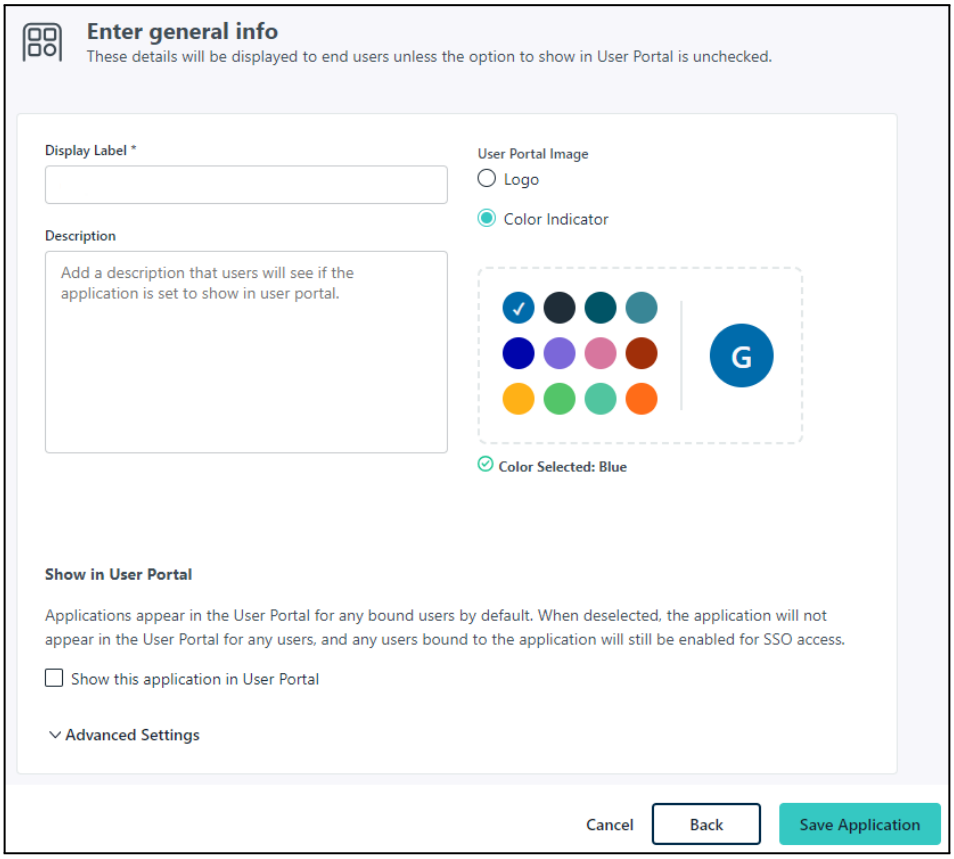
1. From the **SSO Applications** side menu in JumpCloud, select **Add New Application**. From here, select **Custom Application**, and follow the on-screen instructions:



2. Select **Manage Single Sign-On (SSO)** and **Configure SSO with SAML**.
   To use JumpCloud as the identity authority for SCIM user provisioning, also select **Export users to this app (Identity Management)**, then click **Next**:



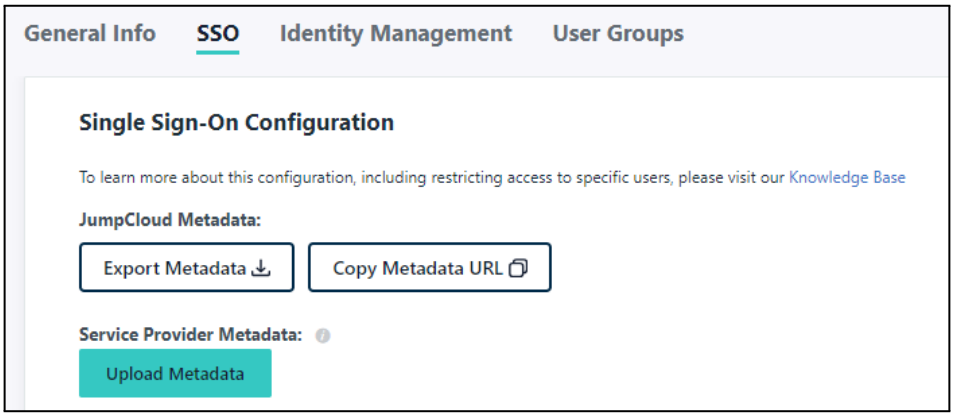
3. Add the application name and any other display customisation you would like
4. Untick **Show this application in User Portal**
5. Click **Save Application**, then **Configure Application**:

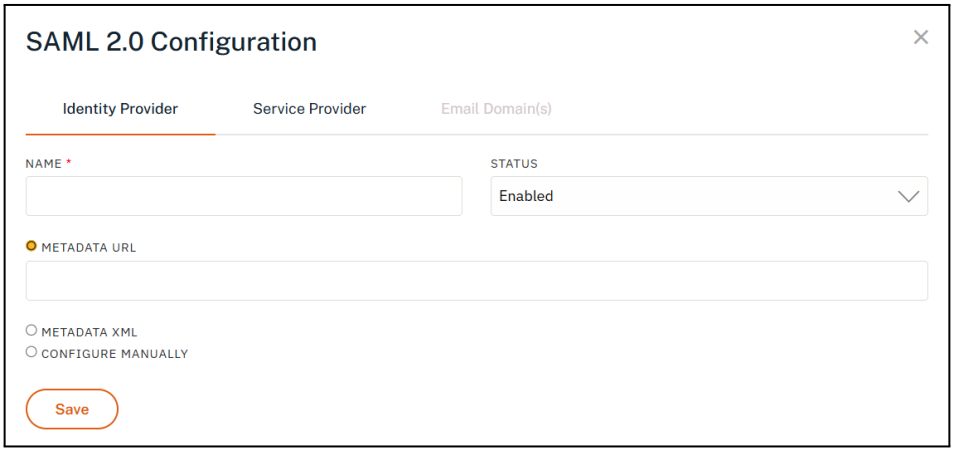


Single sign-on (SSO) Configuration

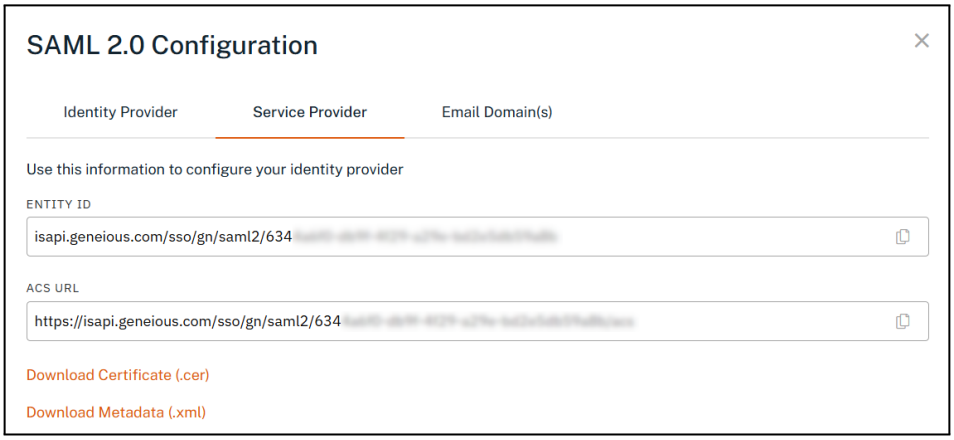
You'll next be presented with further configuration options in JumpCloud. Before continuing here, you will need to configure Geneious Prime's My Account, and use information from here to configure JumpCloud.

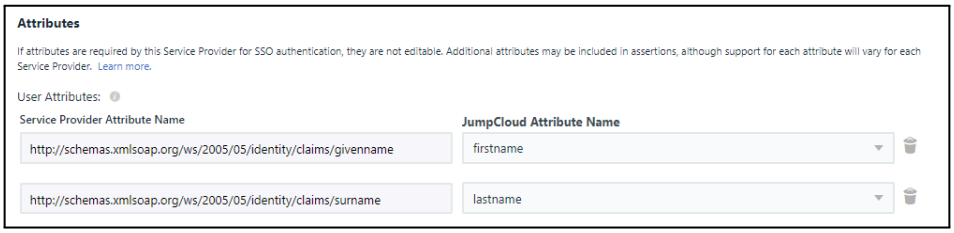
1. From My Account, select **Manage Seats**, then **Authentication**
2. Add a SAML2 **ID Provider**
3. Copy the **Metadata URL** from the **SSO** tab in JumpCloud
4. Enter a name e.g. "JumpCloud", and paste in the Metadata URL from JumpCloud. Click **Save**:



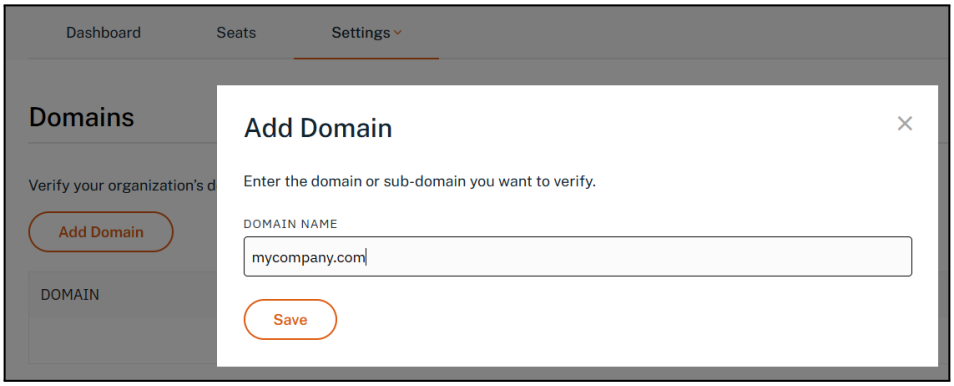


5. Next, we need to provide JumpCloud with Prime's details. Switch to the **Service Provider** tab and copy the **Entity ID** and **ACS URL**, and paste these into JumpCloud's **SP Entity ID** and **ACS URL**, respectively. Alternatively, you can upload the XML Metadata file available from My Account
6. Select **emailAddress** as the **SAMLSubject NameID Format**
7. Select **Assertion and Response** as the **Sign**
8. Add two **User Attributes**, and **save**:
    - `http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname` - firstname
    - `http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname` - lastname

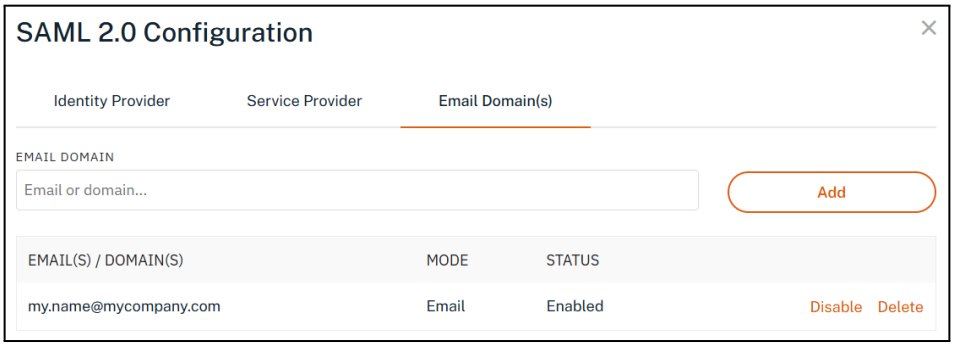




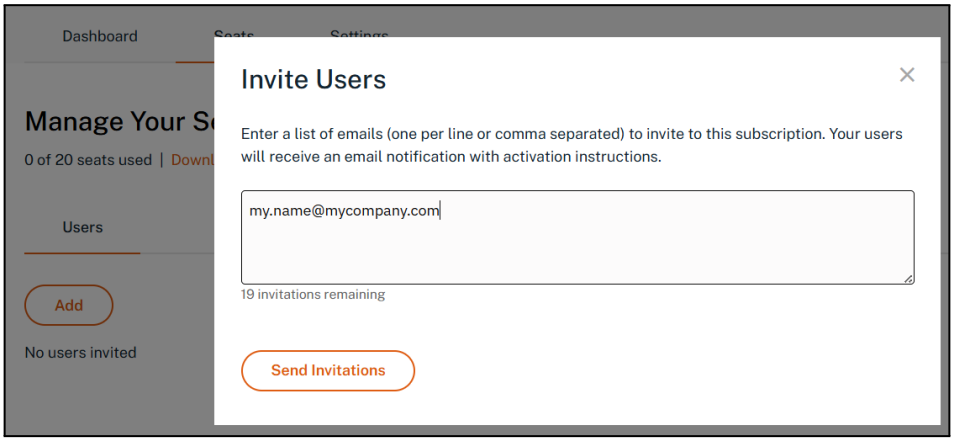
9. Navigate to the **Domains** tab and add the email domain(s) that you wish to be able to use with SSO. Click **Save**:



10. You will need to verify ownership of this domain. Click **View** and follow the on-screen instructions to verify this, either by HTML file or DNS TXT record.
11. Once verified, return to the **Authentication** tab, and use the **Email Domain(s)** SAML tab to provide email addresses and/or email domains SSO access to Prime. **First, test SSO access with a single email address by adding that email address in full:**

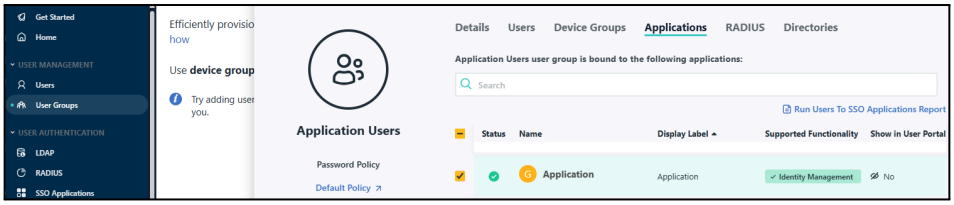


12. If you are using JumpCloud only for SSO, and not SCIM, you will need to invite these user(s) under the **Users** tab in My Account. Otherwise, SCIM users will be provisioned from JumpCloud in the SCIM configuration section later in this guide.

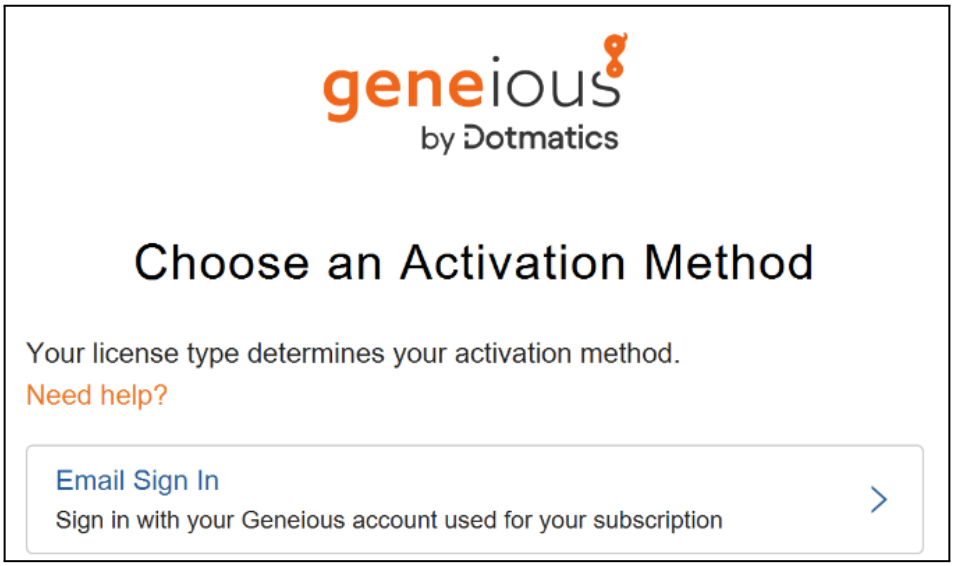


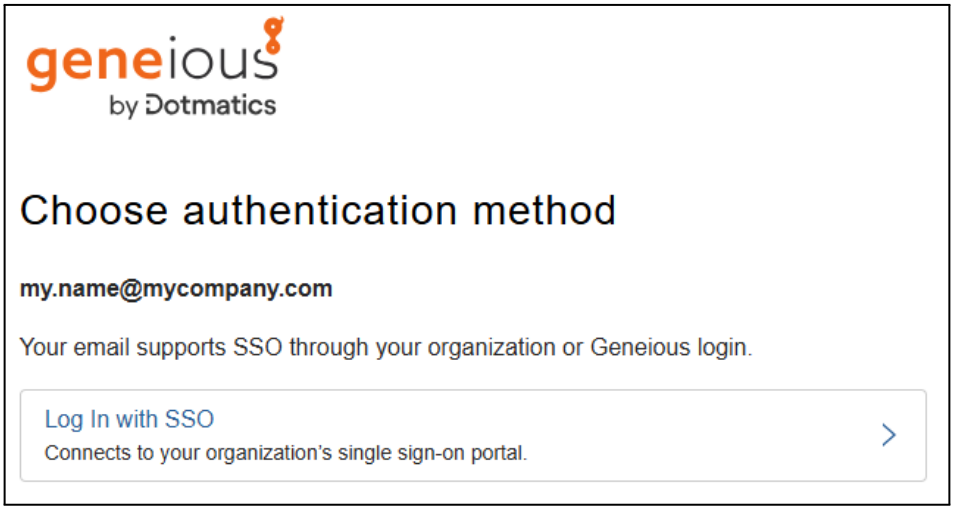
13. If this user does not yet exist in JumpCloud, create them in JumpCloud now.
    From JumpCloud, assign this user to your application from the Applications tab of the user's User Group.
    If you are also configuring SCIM, then this process will instead be done later after provisioning

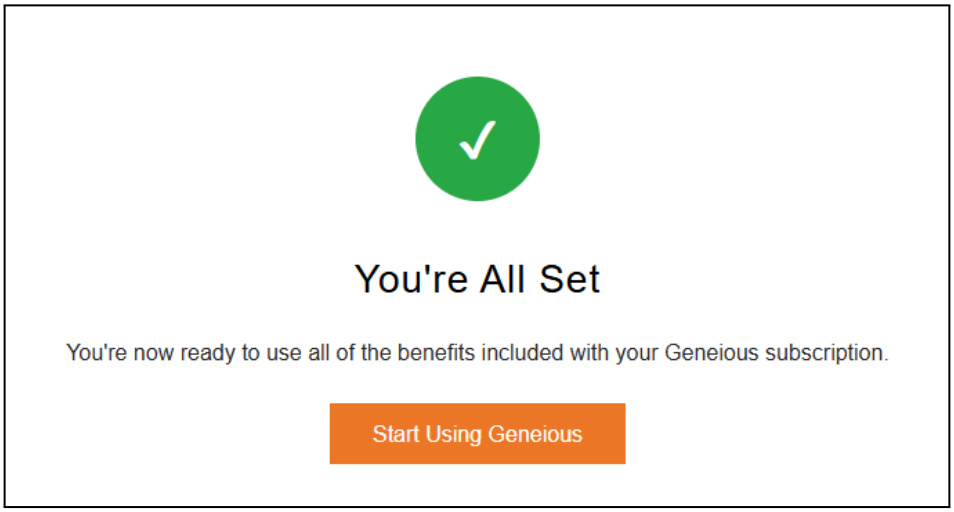
has been configured (see the SCIM section of this guide for provisioning users).



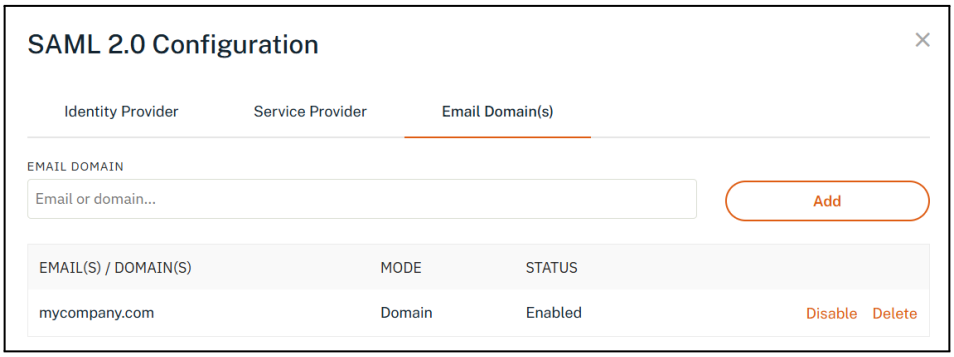
14. In the Prime application, activate your software, selecting the **Email Sign In** option. Continue through the screens, selecting **Log In with SSO** as your authentication method:





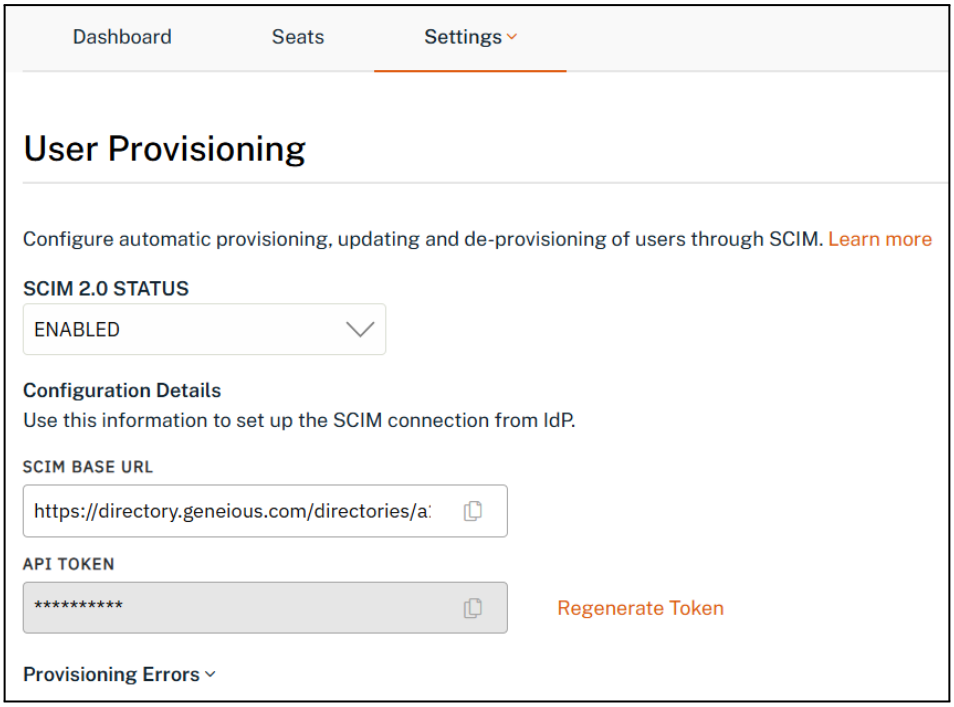


15. Once you have verified that Prime activates with this method, and are ready to enable SSO for your entire domain, add the email domain(s) that you wish to use with SSO. Also add the other users in both the **Users** tab of My Account, and in JumpCloud as you have above:

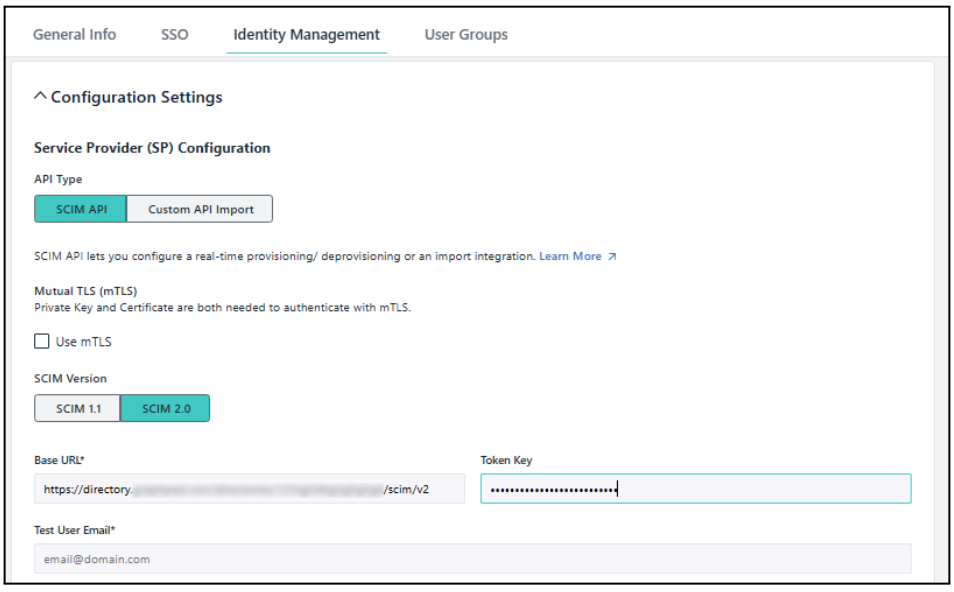


SCIM Identity Management Configuration

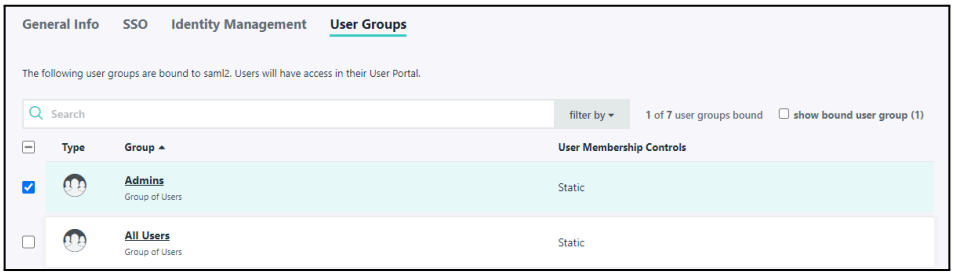
1. To configure SCIM, you will first need to retrieve your Prime connection details from My Account
    1. From My Account, select **Manage Seats**, then **User Provisioning**
    2. Enable SCIM 2.0 and keep your **SCIM Base URL** and **API Token** handy for the next step:



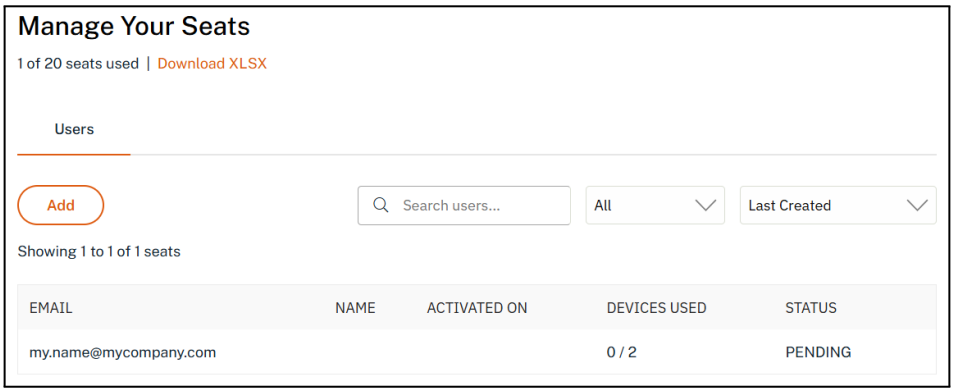
2. Then in the **Identity Management** tab of your JumpCloud application:
    1. Select **SCIM API** as the **API Type**
    2. Select **SCIM 2.0** as the **SCIM Version**
    3. Add your **SCIM Base URL** and **API Token Key**, copied from My Account
    4. Enter an email address that you own as the Test User Email
    5. Click **Test Connection**
    6. Click **Activate** and **Save**



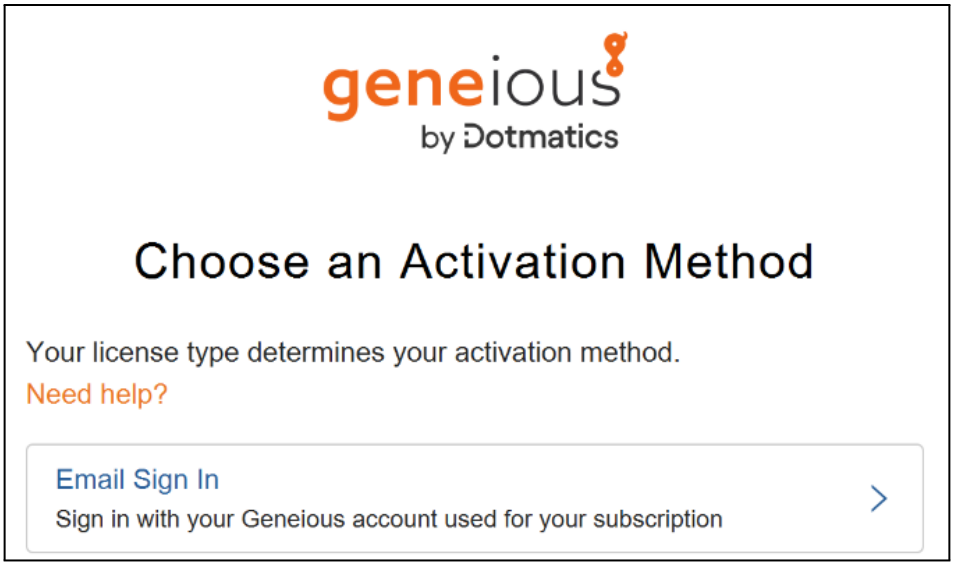
3. You have now successfully configured your user provisioning connection between JumpCloud and Geneious Prime. You can now provision users from JumpCloud into Prime by selecting a given User Group in the JumpCloud application's **User Groups** tab, and clicking **Save**:

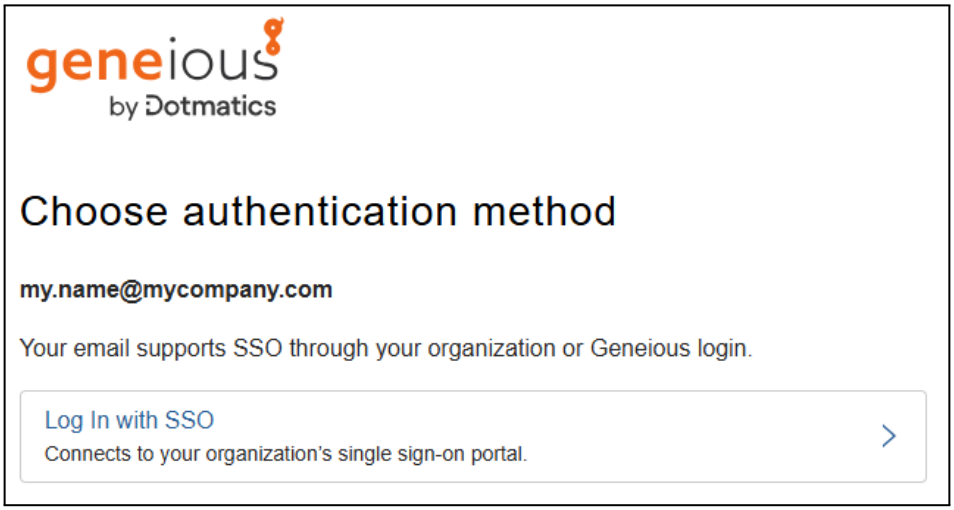


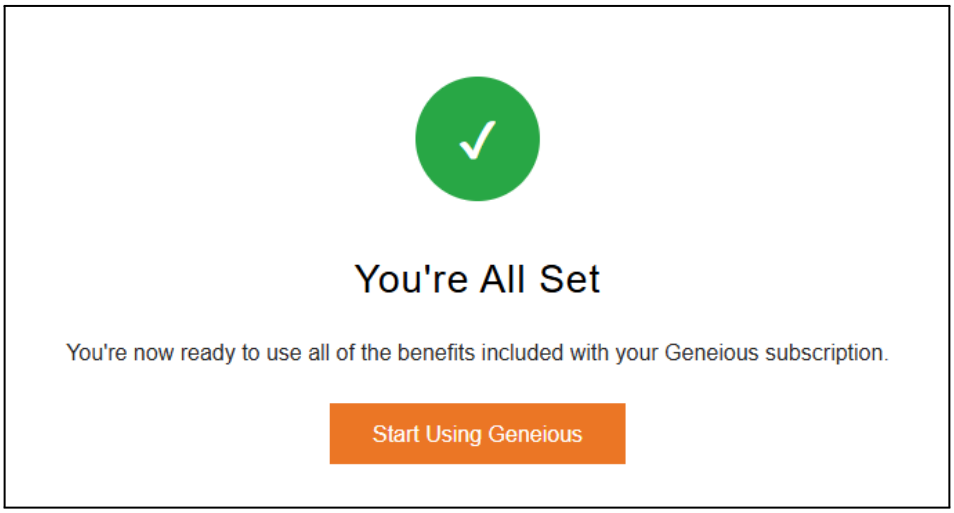
4. Returning to My Account after provisioning is complete will show the end user(s) ready to activate Geneious Prime in the **Seats** tab - please reload the page:



5. In the Prime application, activate your software, selecting the **Email Sign In** option. Continue through the screens, selecting **Log In with SSO** as your authentication method:



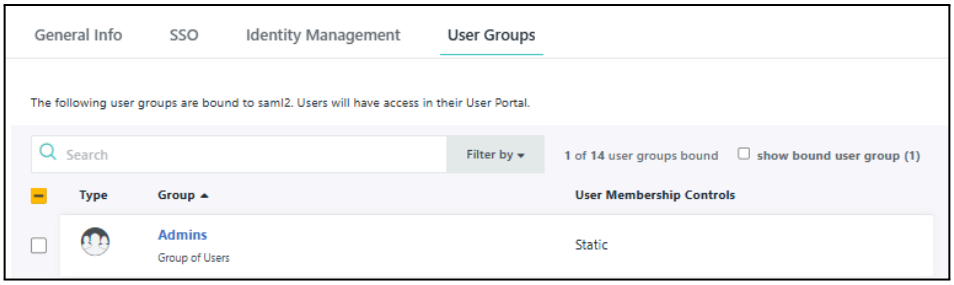




Revoke User

To revoke a user via JumpCloud:

1. In the **User Groups** menu within your **Configured Application**, unselect the group and click **Save**:



2. Return to My Account and refresh the page. That user will now be removed from the **Users** list
3. Finally, in Prime, follow the **Help -> About Prime** menu. Here you will be notified that the activation has been revoked.