RSA SecurID Access SAML Configuration for Assembla

Last Modified: Feb 11, 2017

Assembla is a set of cloud-based task and code management tools for software developers. Assembla is owned by Assembla, INC and was created in 2005. It hosts over 100,000 commercial and open-source projects and is used by over 800,000 users in more than 100 countries.

Before You Begin

- Acquire an administrator account for both RSA SecurID Access and Assembla.
- Obtain the Assembla login URL, ACS URL and Service Provider Issuer ID from your Assembla service provider.

The instructions in this guide use the following login url, ACS URL and issuer ID (entity ID) values:

Login URL	*https://<DOMAIN>.assembla.com/login*
ACS URL	*https://<DOMAIN>.assembla.com/p/saml/consume*
Service Provider Issuer ID	*https://<DOMAIN>.assembla.com*

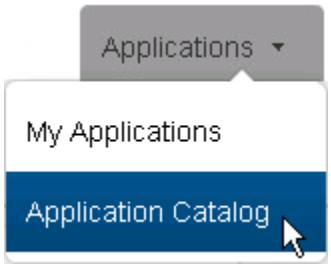
Procedure

1. Add the Application in RSA SecurID Access
2. Configure Assembla to Use RSA SecurID Access as an Identity Provider

Add the Application in RSA SecurID Access

Procedure

1. Log in to the RSA SecurID Access Administration Console, click the **Applications** tab and select *Application Catalog* from the **Application** tab dropdown list.



2. Search for *Assembla* in the list of applications and click the **+Add** button.

3. Enter a name for the application in the **Name** field on the **Basic Information** page and click the **Next Step** button.
4. Select the **IdP-initiated** radio button in the **Initiate SAML Workflow** section.

Note: The following IdP-initiated configuration works for SP-initiated Assembla connections as well.

5. Enter the Assembla landing page URL in the **Connection URL** field. Portal users will be redirected to this page when they click the Assembla icon.
   The URL is formatted as follows: https://gslab21.assembla.com/p/start.

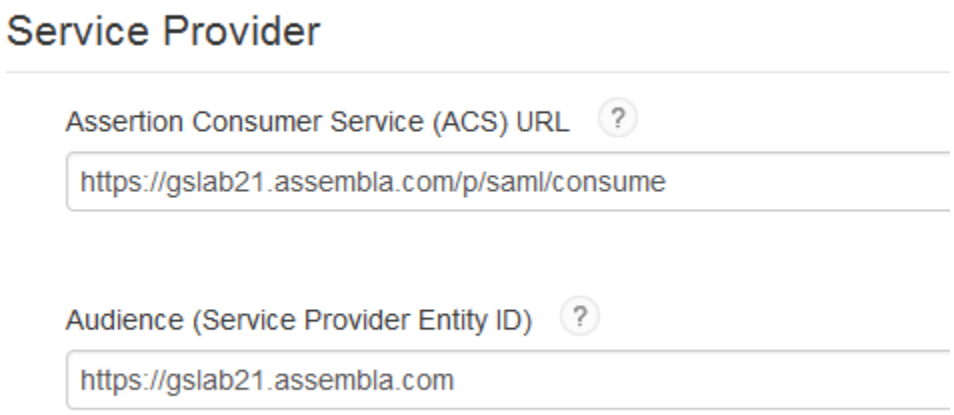
6. Scroll to **SAML Identity Provider (Issuer)** section, copy the value in the **Identity Provider URL** field and paste it into a temporary file. You will need the URL when you configure your Assembla service provider.

7. You must import a private/public key pair to sign and validate SAML assertions. If you don't have one readily available, follow the steps to generate a certificate bundle. Otherwise, continue to step 8.
   a. Click the **Generate Certificate Bundle** button in the **SAML Response Signature** section.
   b. In the **Common Name (CN)** field, enter the hostname of the Assembla service provider's HTTPS server that will be sending authentication requests.
   c. Click the **Generate and Download** button, save the certificate bundle ZIP file to a secure location and extract its contents. The ZIP file will contain a private key, a public certificate and a certificate signing request.

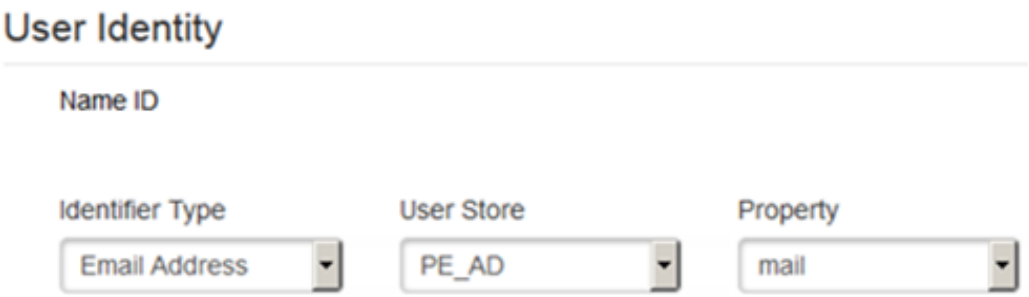
8. Click the **Choose File** button on the left of the **Generate Certificate Bundle** button, locate and select a private key for signing the SAML assertions and click the **Open** button.
9. Click the **Choose File** button underneath the **Generate Certificate Bundle** button, locate and select your public certificate and click the **Open** button.
10. Select the **Include Certificate in Outgoing Assertion** checkbox.
11. Scroll to the **Service Provider** section and enter your Assembla ACS URL in the **Assertion Consumer Service (ACS) URL** field. The URL should be formatted as follows: https://<DOMAIN>.assembla.com/p/saml/consume

where *<DOMAIN>* is your organisation's domain.
The ACS URL in this example is https://gslab21.assembla.com/p/saml/consume.

12. Enter *https://<DOMAIN>.assembla.com/* in the **Audience (Service Provider Entity ID)** field. This value is case sensitive, and it must match your Assembla SP Issuer ID.



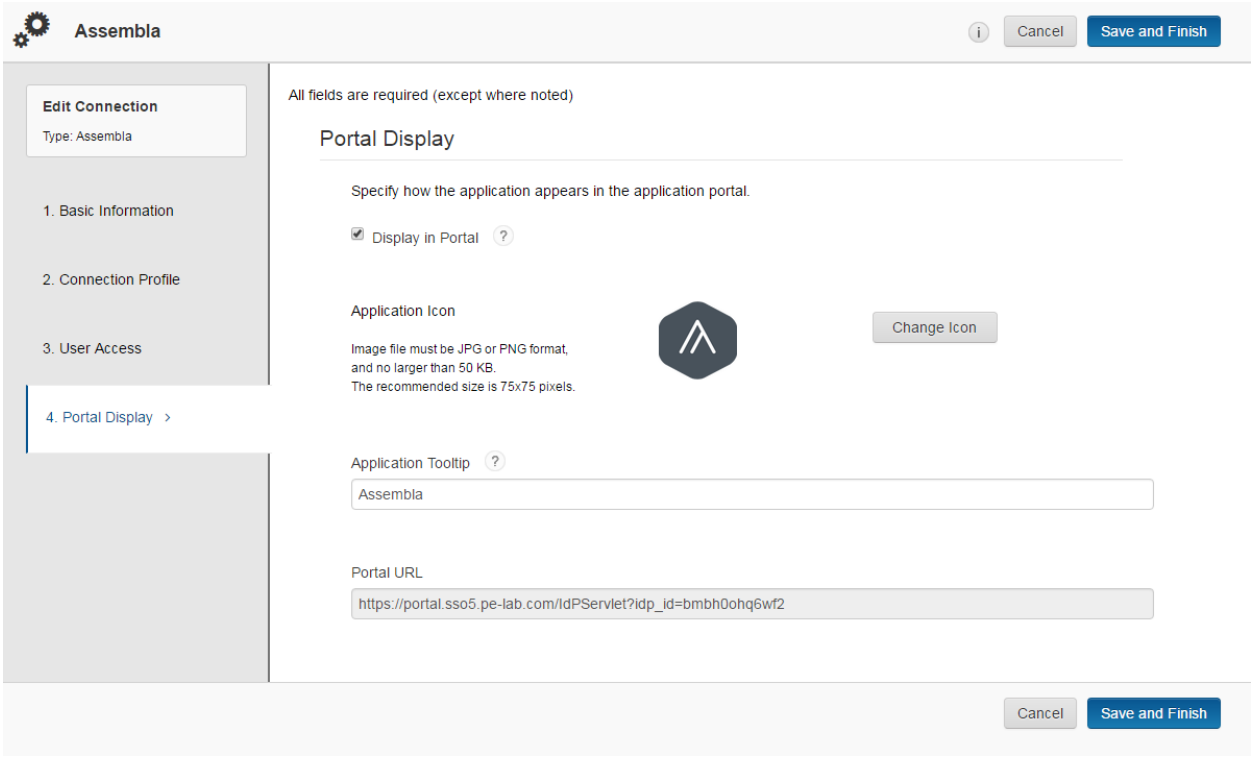
13. Scroll to the **User Identity** section, select *Email Address* from the **Identifier Type** dropdown list and select the name of your user identity source from the **User Store** dropdown list. In this example, user accounts are stored in an identity source named *PE_AD*.
14. Select the identity source's attribute that will be used as the NameID from the **Property** dropdown list. In this example, the identity source's *mail* attribute will be used to uniquely identify a user in SAML assertions.



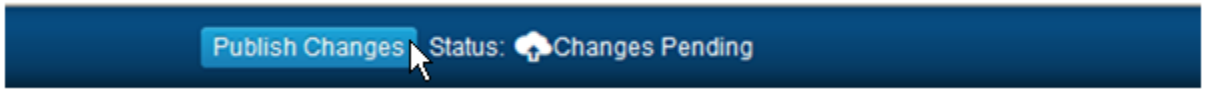
15. Click the **Next Step** button.

16. On the **User Access** page, select the access policy the identity router will use to determine which users can access the Assembla service provider from the portal. If you want to allow access to all users who are signed in to the portal, select the **Allow All Authenticated Users** radio button. Otherwise, select the **Select Custom Policy** radio button and select the policy you want to use from the dropdown list.

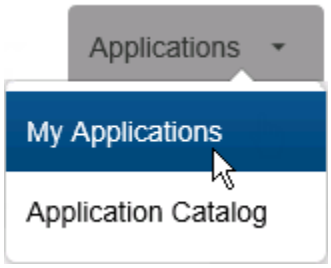
17. Click the **Next Step** button.
18. Select the **Display in Portal** checkbox on the **Portal Display** page.
19. Enter descriptive text about the application in the **Application Tooltip** field. The portal will display this text when a user passes the cursor over the application's icon.
20. Click the **Save and Finish** button.



21. Click the **Publish Changes** button in the top left corner of the page.



22. Click the **Applications** tab and select *My Applications* from the dropdown list.



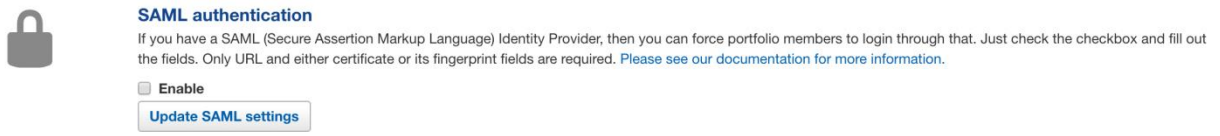
23. Search for *Assembla* in the list of applications and select *Export Metadata* from the **Edit** dropdown list to download an *XML* file containing your RSA SecurID Access IdP's metadata. You will need the X509Certificate contained in this file [when you configure Assembla](#).

Configure Assembla to Use RSA SecurID Access as an Identity Provider

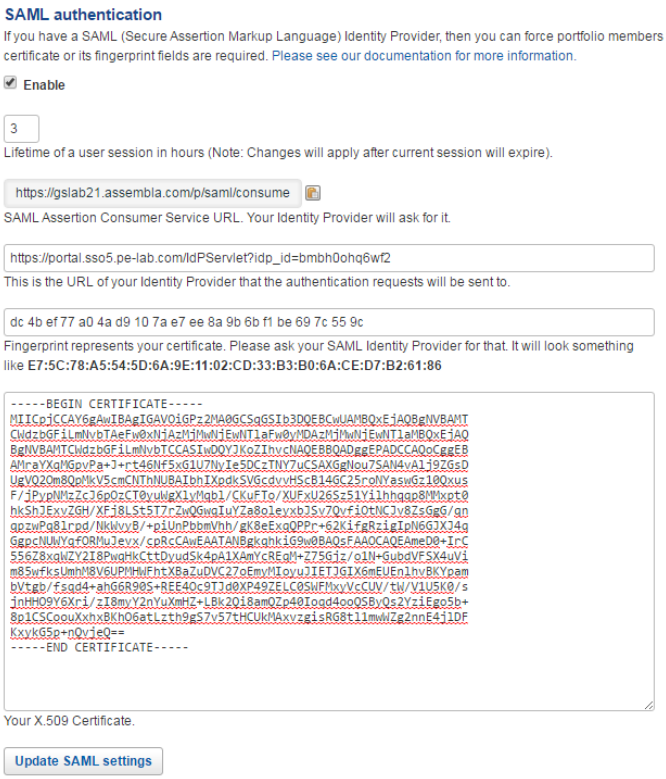
Follow below steps to configure Assembla as service provider.

Create an Identity Provider

1. A portfolio owner can configure it to authenticate team members using company's SAML server. To enable SAML authentication go to portfolio's Admin tab and check "Enable" under "SAML authentication" section at the bottom.



2. Once that's checked, you need to enter the two pieces of information from RSA SecurID Access:
    a. the SAML authentication endpoint i.e RSA SecurID Access Identity Provider URL
    b. the X.509 certificate *or* its fingerprint
3. Provide RSA SecurID Access Identity Provider URL which you copied earlier in the first text box.
4. In "Your X.509 Certificate" section copy **X509Certificate** from the IdP metadata file you exported from RSA SecurID Access and paste in **Your X.509 Certificate** textbox



5. Click "Update SAML settings" button.

Appendix

Your Assembla account's ACS URL is: https://<DOMAIN>.assembla.com/p/saml/consume

The ACS URL in this example is https://gslab21.assembla.com/p/saml/consume

Your Assembla account's Entity ID is https://<DOMAIN>.assembla.com

The Entity ID in this example is https://gslab21.assembla.com

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