RSA SecurID Access SAML Configuration for Shibboleth

Last Modified: July, 25, 2016

Shibboleth is an open-source project that provides Single Sign-On capabilities and allows sites to make informed authorization decisions for individual access of protected online resources in a privacy-preserving manner.

In this guide Shibboleth is configured as the service provider and is listed in the RSA catalog as ShibbolethSP.

Before You Begin

- Acquire an administrator account to both RSA SecurID Access and Application which is to be protected by Shibboleth.
- Verify the RSA SecurID Access user account. Refer to the User, Rule, and Policy section of this manual.

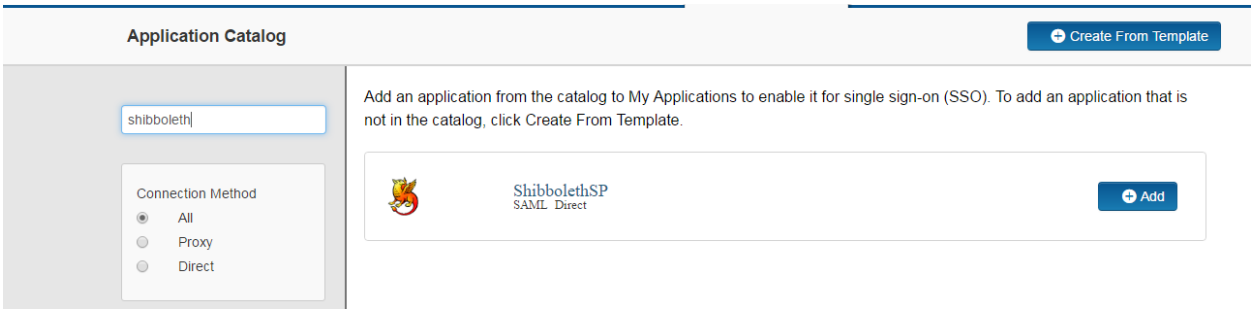
Procedure

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

Add the Application in RSA SecurID Access

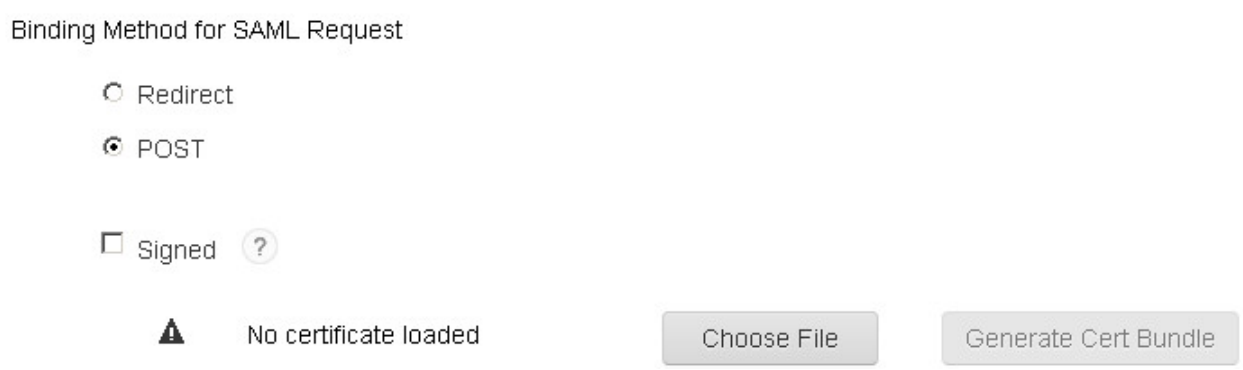
Procedure

1. In the RSA SecurID Access Administration Console, click **Applications > Application Catalog**.
2. From the list of applications, click **+Add** for ShibbolethSP.

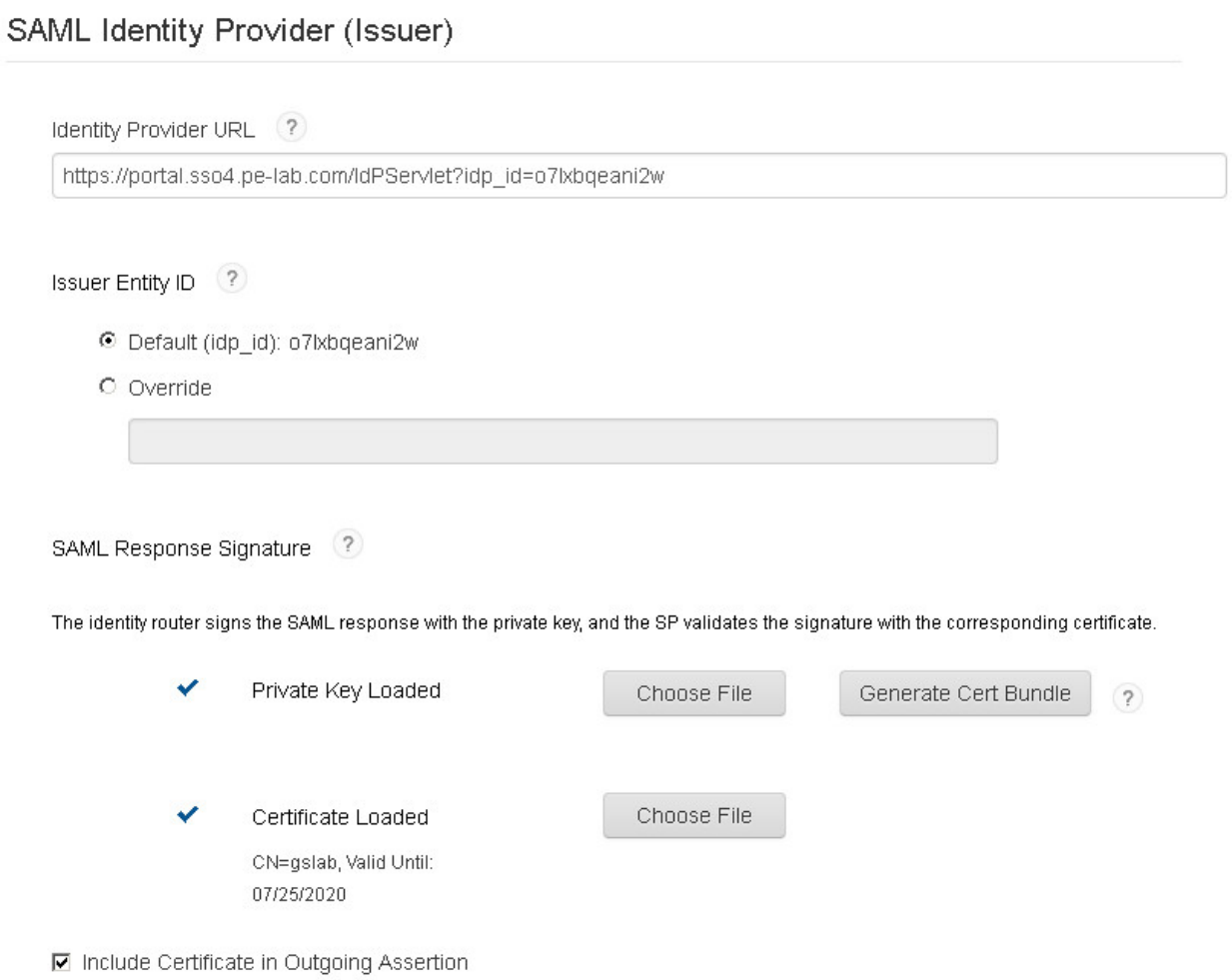


3. On the Basic Information page, specify the application name and click **Next Step**.
4. On the Connection Profile page, specify Connection URL as per your application.
   For ex: for Default index.html application, specify Connection URL as **https://hostname:port /index.html**.
5. Select workflow **SP-initiated**.

6. Select binding method **POST**.



7. Scroll down to **SAML Identity Provider (Issuer)** section.



a. Take note of the **Issuer Entity ID**.
b. Select **Choose File** to import a private key to sign the SAML assertion.
c. Select **Choose File** to import the public certificate file.
d. Check the **Include Certificate in Outgoing Assertion** check box.

8. Scroll down to the **Service Provider** section.

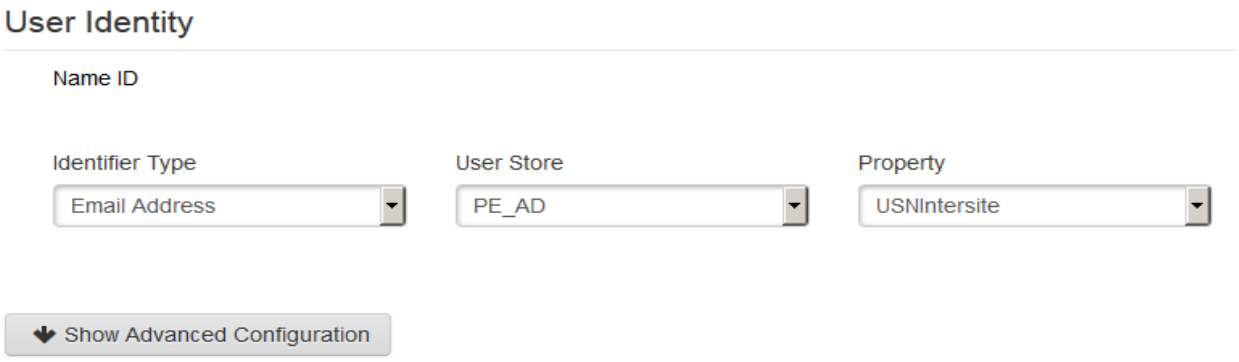
   a. In the **Assertion Consumer Service (ACS) URL** field, enter the URL you obtained from the application administrator.

      For Shibboleth 2.0, ACS URL will be
      https://<yourhostname>/Shibboleth.sso/SAML2/POST

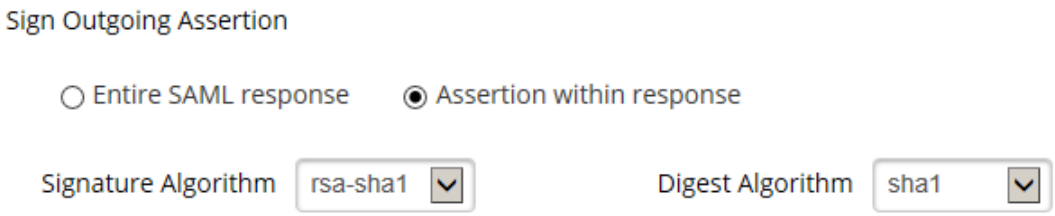
   b. In the **Audience (Service Provider Entity ID)** field, enter the Entity ID to match the configured value from the Service Provider i.e value from Shibboleth2.xml.

```
<ApplicationDefaults entityID="https://yourhostname:444/shibboleth"
                     REMOTE_USER="eppn persistent-id targeted-id">
```

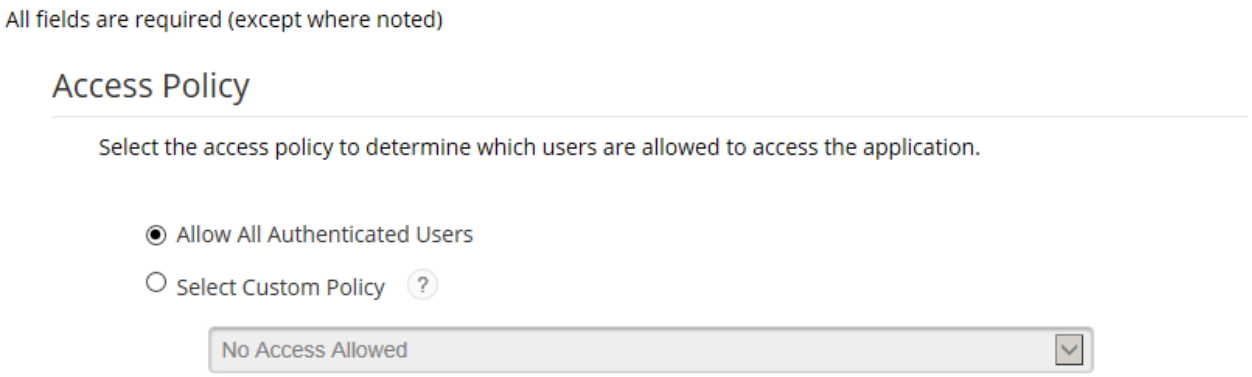
9. Scroll down to the **User Identity** section. Verify the settings are correct for your environment. In this example the username to be in presented in email format and the user account will be validated again the User Store selected.



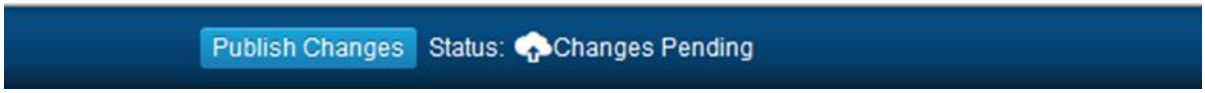
10. Click **Show Advanced Configuration.**
11. Select **Assertion within response** below
    Sign Outgoing Assertion in the Uncommon Formatting SAML Response Options section.



12. On the **User Access** page, select the desired user policy from the drop down list.



13. Click **Next Step**.
14. On the **Portal Display** page, select **Display in Portal**.
15. Click **Save and Finish**.
16. Click **Publish Changes**. Your application is now enabled for SSO.



17. Navigate to **Applications > My Applications**.
18. Locate ShibbolethSP in the list and from the **Edit** pulldown, select **Export Metadata**.

Next Steps

[Configure ShibbolethSP to Use RSA SecurID Access as an Identity Provider]

Configure ShibbolethSP to Use RSA SecurID Access as an Identity Provider

Follow below steps to configure ShibbolethSP as service provider.

Create Identity Provider

1. Open Shibboleth2.xml file from shibboleth installation.
2. Change the entity ID with the Entity ID obtained from IDP metadata which you downloaded in step 18 page 4.

```
<SSO entityID="1q37rpeqemvwd">
  SAML2 SAML1
</SSO>
```

3. Placed the IDP metadata file at the same level of Sibboleth2.xml in Shibboleth, make the changes to the file name in Shibboleth2.xml file

```
<MetadataProvider type="XML" file="ShibbolethSP-idp-metadata.xml"/>
```

4. Save the file and restart Shibboleth and Web Server service.

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