RSA SecurID Access Implementation Guide

Salesforce

Last modified: July 17, 2019

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Solution Summary

Use Case

When integrated Salesforce end users must authenticate with RSA SecurID Access to sign in. Salesforce can integrate using **SAML SSO Agent** or **Relying Party**. Salesforce does support JIT (just in time) user provisioning.

Integration Types

SSO Agent integrations use SAML 2.0 or HFED technologies to direct users' web browsers to RSA SecurID Access for authentication. SSO Agents also provide Single Sign-On to other applications using the RSA Application Portal.

Relying Party integrations use SAML 2.0 to direct users' web browsers to RSA SecurID Access for authentication.

Supported Features

This section shows all of the supported features by integration type and by RSA SecurID Access component. Use this information to determine which integration type and which RSA SecurID Access component your deployment will use. The next section in this guide contains the instruction steps for how to integrate RSA SecurID Access with Salesforce using each integration type.

Salesforce Integration with RSA Cloud Authentication Service

Authentication Methods	Authentication API	RADIUS	Relying Party	SSO Agent
RSA SecurID	-	-	✔	✔
LDAP Password	-	-	✔	✔
Authenticate Approve	-	-	✔	✔
Authenticate Tokencode	-	-	✔	✔
Device Biometrics	-	-	✔	✔
SMS Tokencode	-	-	✔	✔
Voice Tokencode	-	-	✔	✔
FIDO Token	n/a	n/a	✔	✔

Salesforce Integration with RSA Authentication Manager

Authentication Methods	Authentiaction API	RADIUS	Authentication Agent
RSA SecurID	-	-	-
On Demand Authentication	-	-	-
Risk-Based Authentication	n/a	-	-

✔ Supported

- Not supported

n/t Not yet tested or documented, but may be possible.

n/a Not applicable

Configuration Summary

This section contains links to the sections that contain instruction steps that show how to integrate Salesforce with RSA SecurID Access using all of the integration types.

This document is not intended to suggest optimum installations or configurations. It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components. All RSA SecurID Access and Salesforce components must be installed and working prior to the integration.

Links

Relying Party

SSO Agent

Known Issues

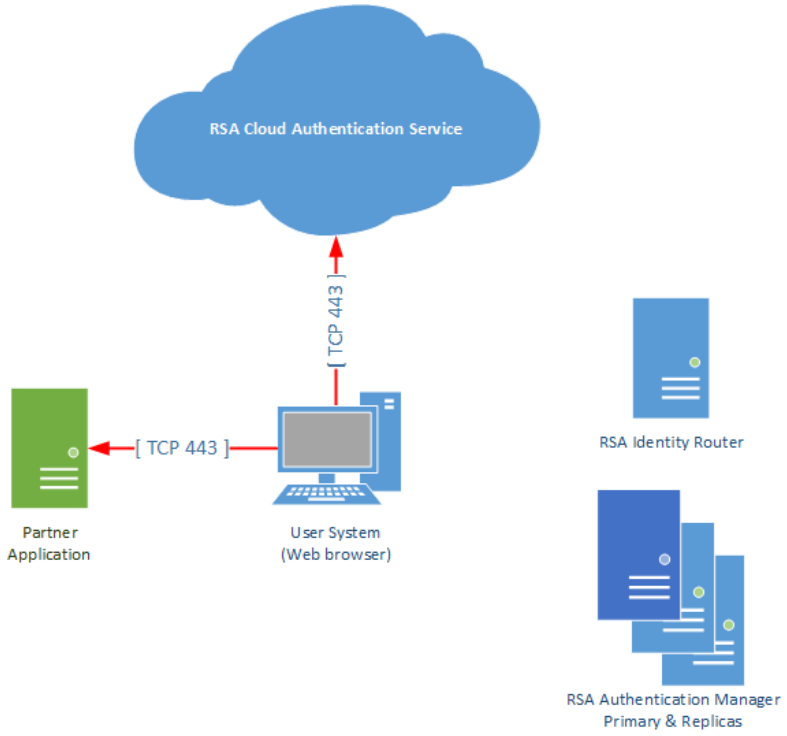
No known issues

Integration Configuration

Relying Party

This section describes on how to integrate RSA SecurID Access with Salesforce using Relying Party. Relying party uses SAML 2.0 to integrate RSA SecurID Access as a SAML Identity Provider (IdP) to Salesforce SAML Service Provider (SP).

Architecture Diagram



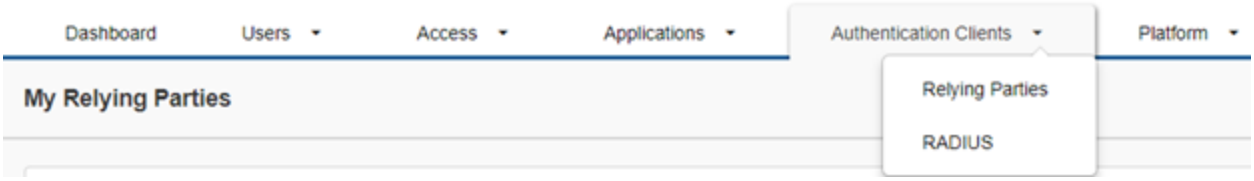
Configure RSA Cloud Authentication Service

Perform these steps to configure RSA Cloud Authentication Service as a Relying Party SAML IdP to Salesforce .

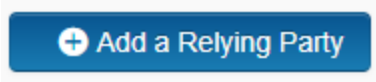
Procedure

1. Sign into RSA Cloud Administration Console.

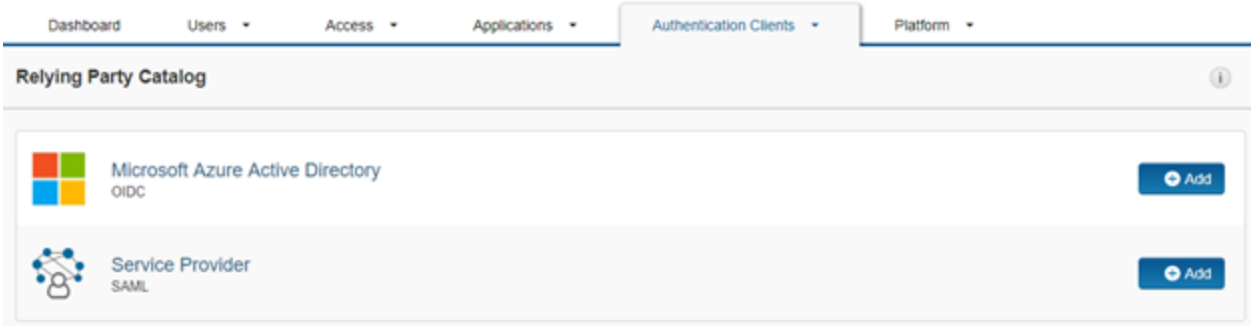
2. Select the **Authentication Clients** > **Relying Parties** menu item at the top of the page.



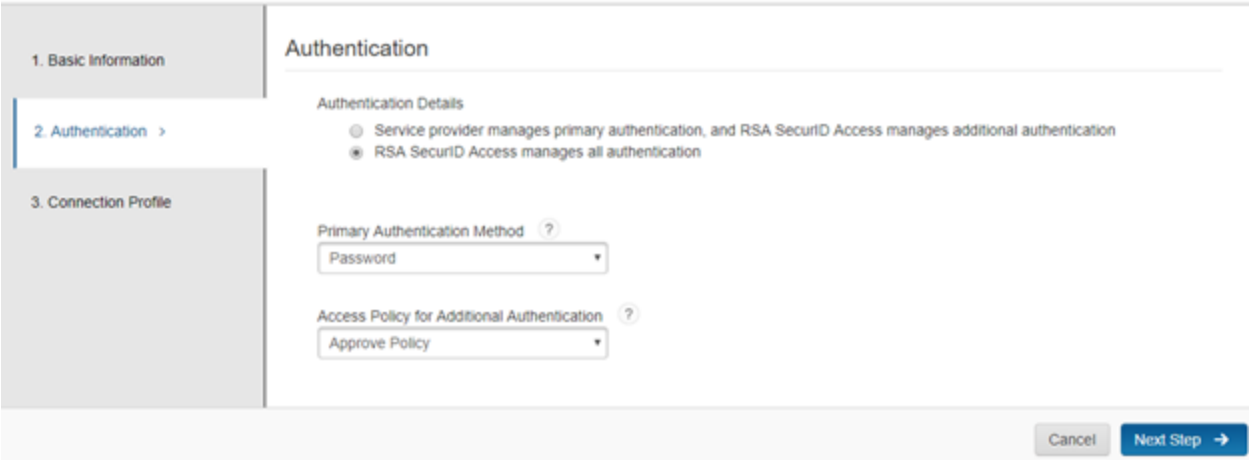
3. Click the **Add a Relying Party** button on the My Relying Parties page.



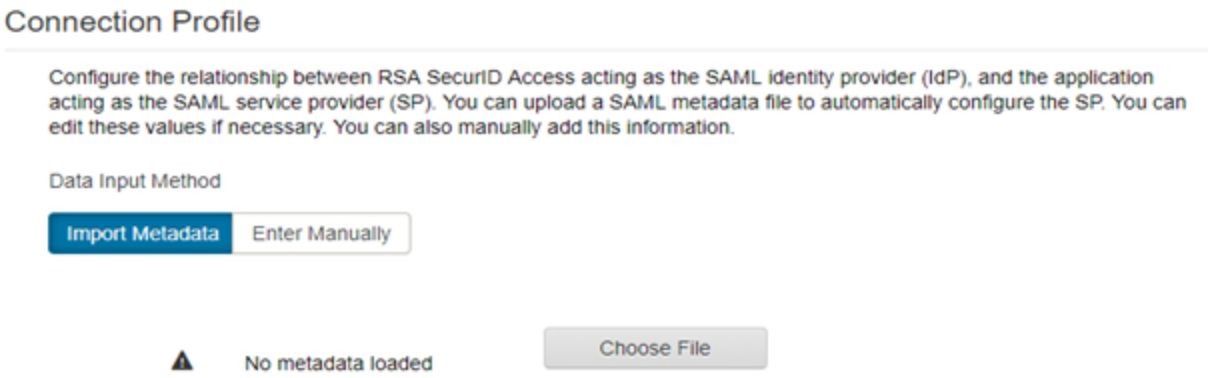
4. From the Relying Party Catalog select the **+Add** button for Service Provider SAML.



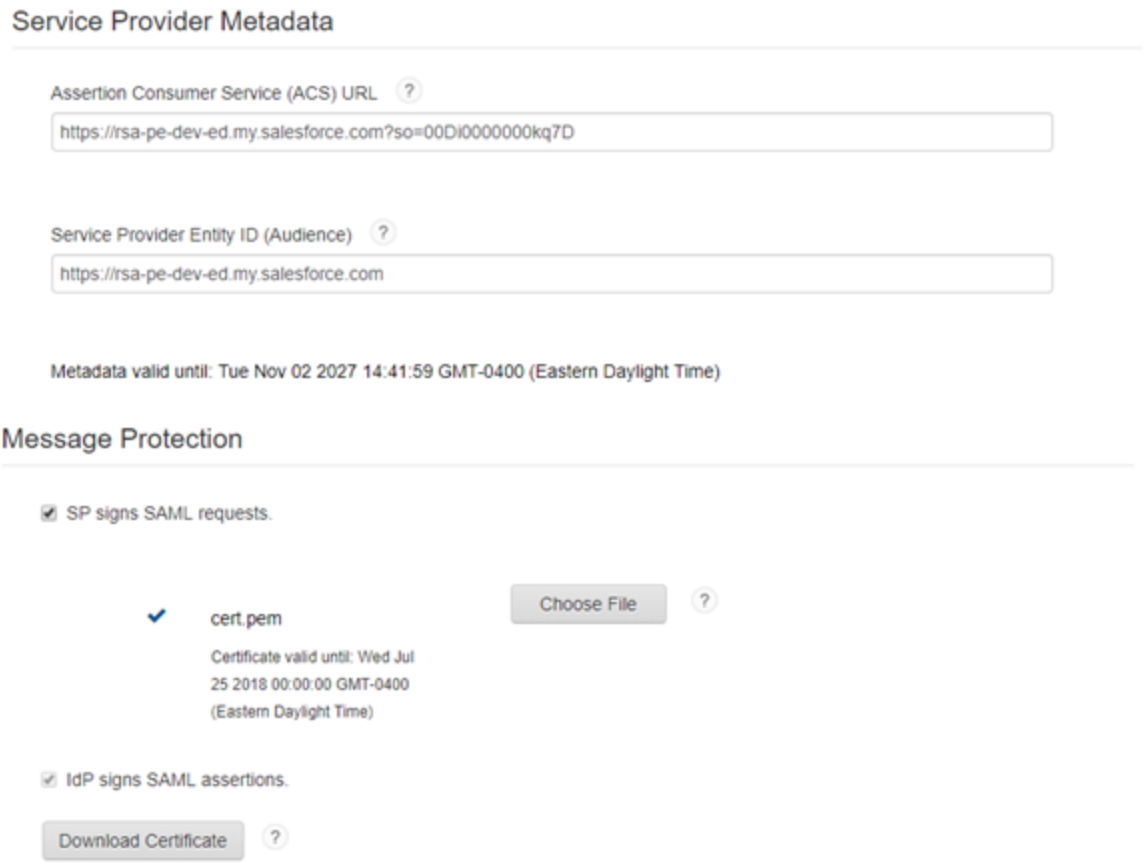
5. Enter a **name** for the Service Provider in the Name field on the Basic Information page.
6. Click the **Next Step** button.
7. On the Authentication page, select **RSA SecurID Access manages all authentication**.
8. From the Primary Authentication Method pulldown, select your desired login method either Password or SecurID.
9. From the Access Policy pulldown select a policy that was previously configured.



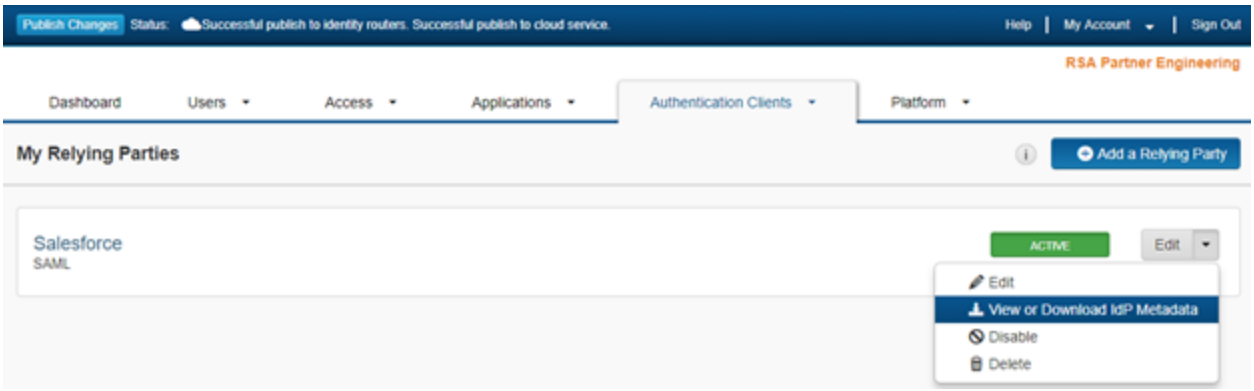
10. Select **Next Step**.
11. Select **Import Metadata**.



12. Select **Choose File** and select the file Salesforce metadata file you download from Salesforce.



13. Select **Save and Finish**.
14. On the My Relying Parties page, select the **Edit** pulldown and select **View or Download IdP Metadata**.
15. On the top menu click **Publish Changes**.



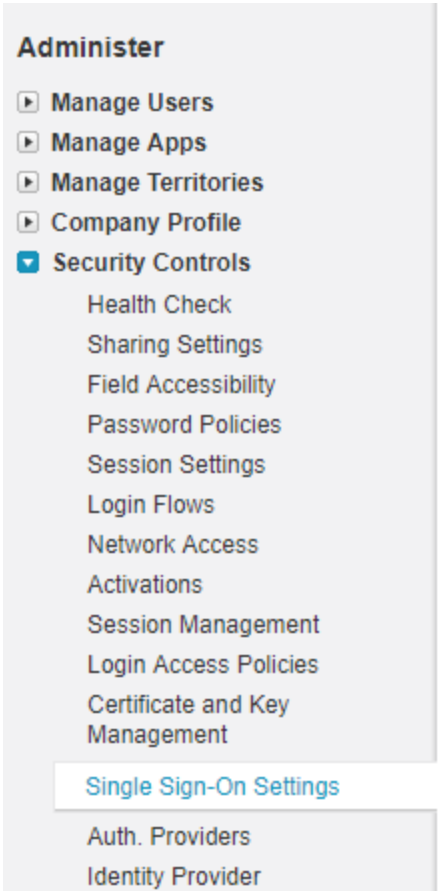
Configure Salesforce

Perform these steps to configure Salesforce as a Relying Party SAML SP to RSA Cloud Authentication Service.

Procedure

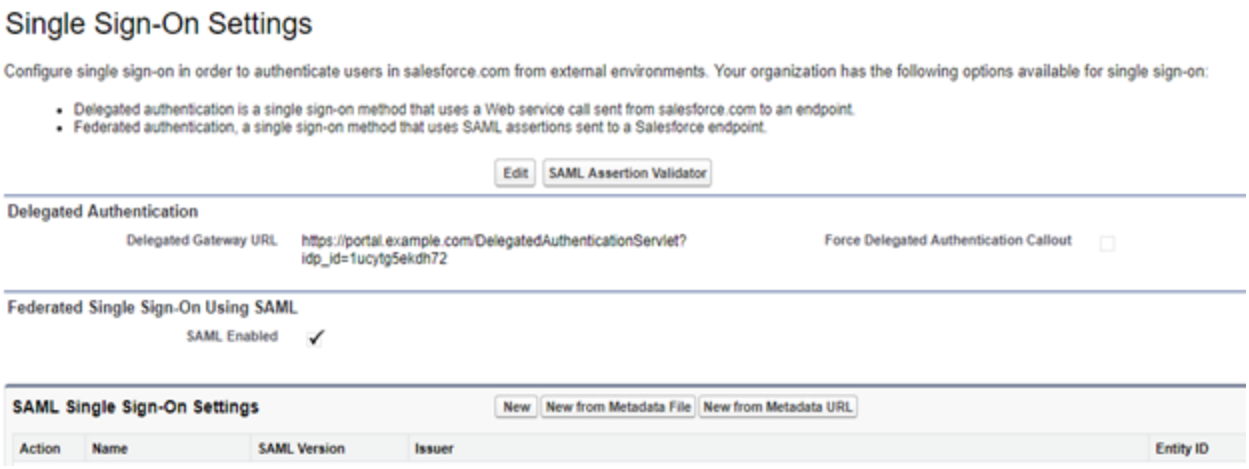
1. Login to Salesforce administration console. https://login.salesforce.com

2. From the Setup menu, select **Security Controls** > **Single Sign-On Settings**.



3. Under the **Federated authentication** bullet, click **Edit**.

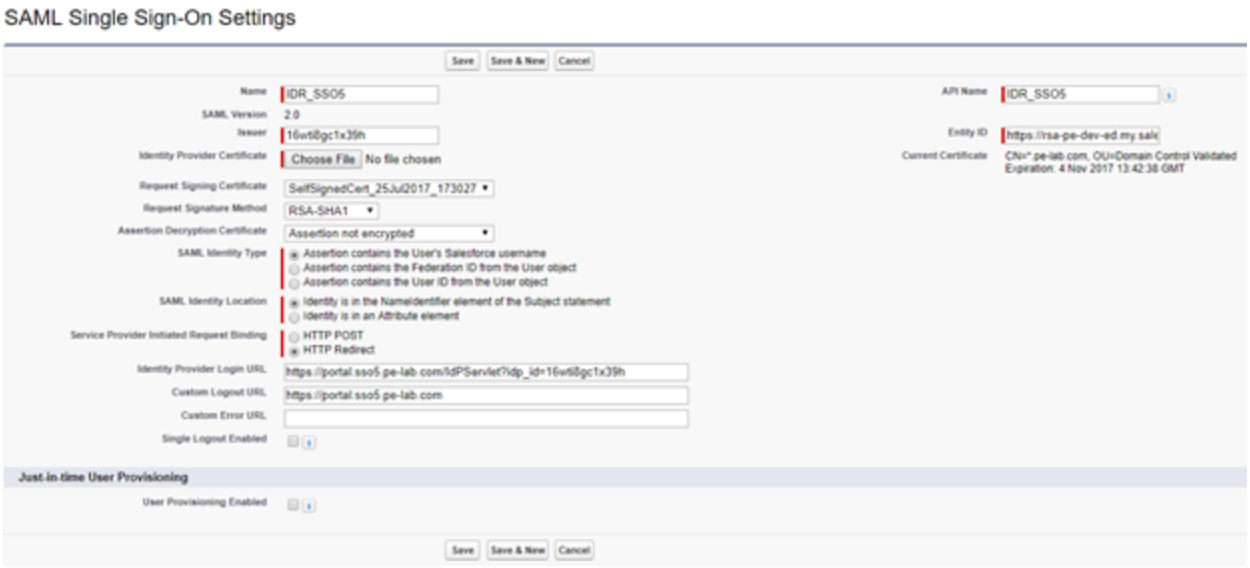
4. Mark the **SAML Enabled** checkbox, and click **Save**.



5. In the SAML Single Sign-On Settings section, choose **New**, to configure the setting manually or New from Metadata file if you wish to configure from metadata file.

Note: Choose the IDR_metadata file when configuring for IDR integration or choose Cloud_metadata when configuring for a Cloud IdP integration.

6. If you selected to configure manually, click New and complete form.



a. In the Name field, enter a name for this Authentication Service profile.

b. Click in the API Name field, and Salesforce automatically enters the name from the Name field.

c. In the Issuer field, enter the Identity Provider Entity ID for an IDR integration or https://<rsa_tenant>.auth.securid.com/saml-fe/sso for a Cloud IdP integration.

d. In the Entity ID field, enter an ID that starts with https://, for example, https://<instance>.my.salesforce.com. This must match the Audience (Service Provider Entity ID) field on the RSA SecurID Access.

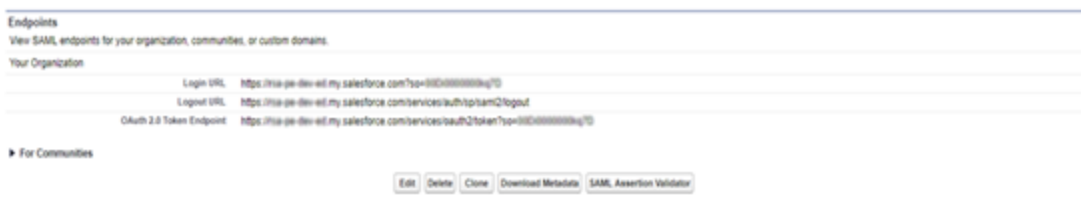
e. In Identity Provider Certificate, click Browse and select RSA SecurID Access public certificate.

f. In SAML Identity Type, select Assertion contains User's Salesforce.com username.

g. In SAML Identity Location, select Identity is in the NameIdentifier element of the Subject statement.

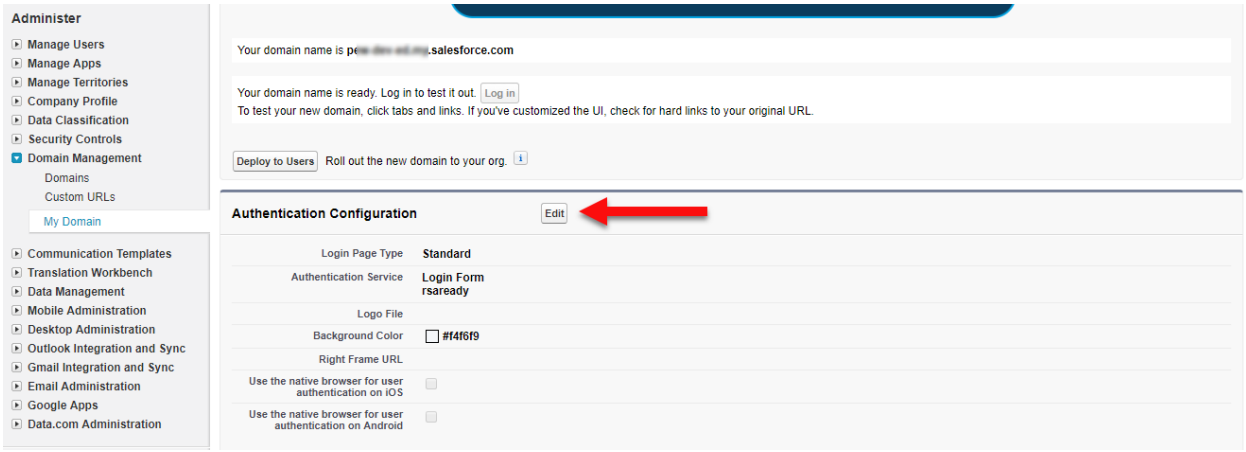
h. In Service Provider Initiated Request Binding, select HTTP Redirect for an IDR integration and HTTP POST for a Cloud IdP integration.

i. Click **Save**.



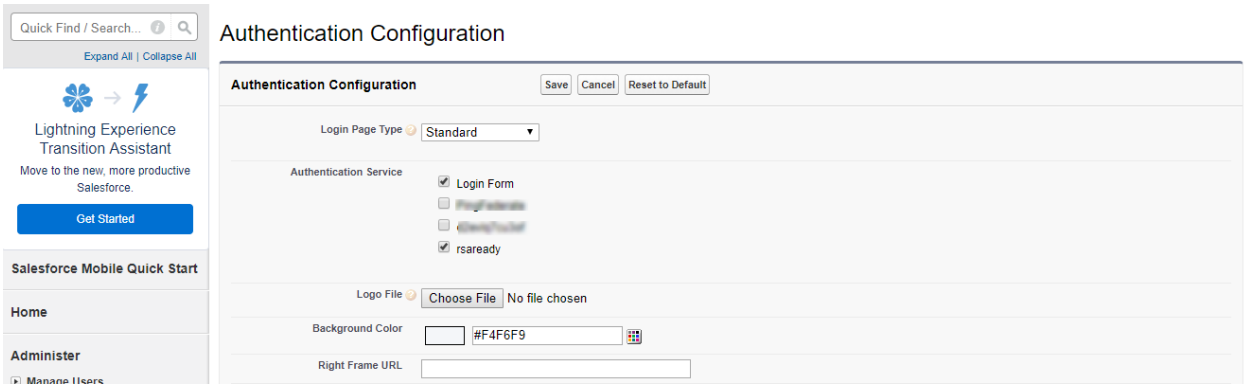
Note: If your environment requires SP signing select the Download Metadata button and return to the RSA console and edit the connector to import the metadata file which will import the certificate.

7. Browse to **Administer** > **Domain Management** > **My Domain** and click **Edit**.



8. Mark the check box next to the **Authentication Service** which corresponds to your RSA SecurID Access configuration and click **Save**.

Note: Unmark the checkboxes for Logon Form and other services to prevent side door access.



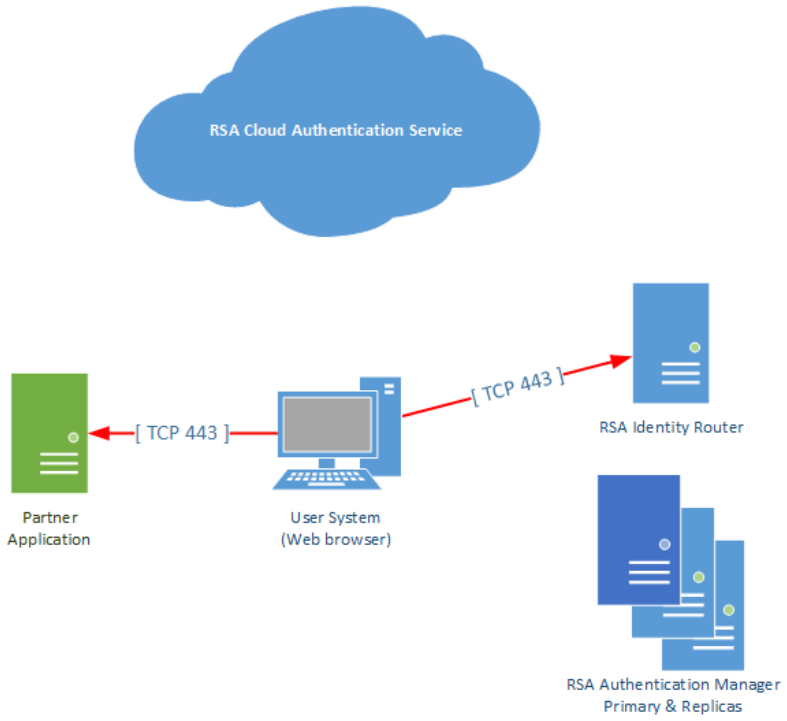
Configuration is complete.

Return to the main page for more certification related information.

SSO Agent - SAML

This section describes how to integrate RSA SecurID Access with Salesforce using a SAML SSO Agent.

Architecture Diagram

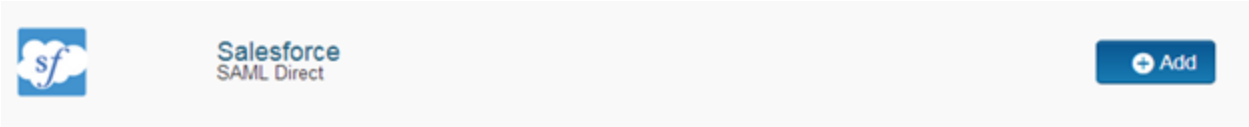


Configure RSA Cloud Authentication Service

Perform these steps to configure RSA Cloud Authentication Service as an SSO Agent SAML IdP to Salesforce .

Procedure

1. Sign into RSA Cloud Administration Console and browse to **Applications** > **Application Catalog**, search for **Salesforce** and click **+Add** to add the connector.



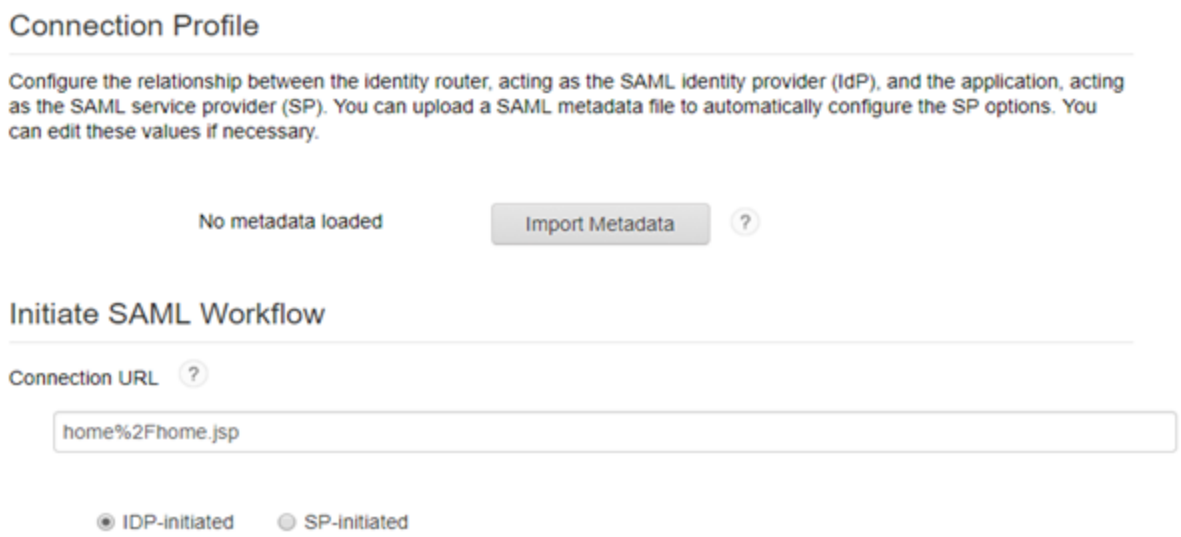
2. Enter a name for the application in the **Name** field on the Basic Information page and click the **Next Step** button.

3. Navigate to **Initiate SAML Workflow** section.

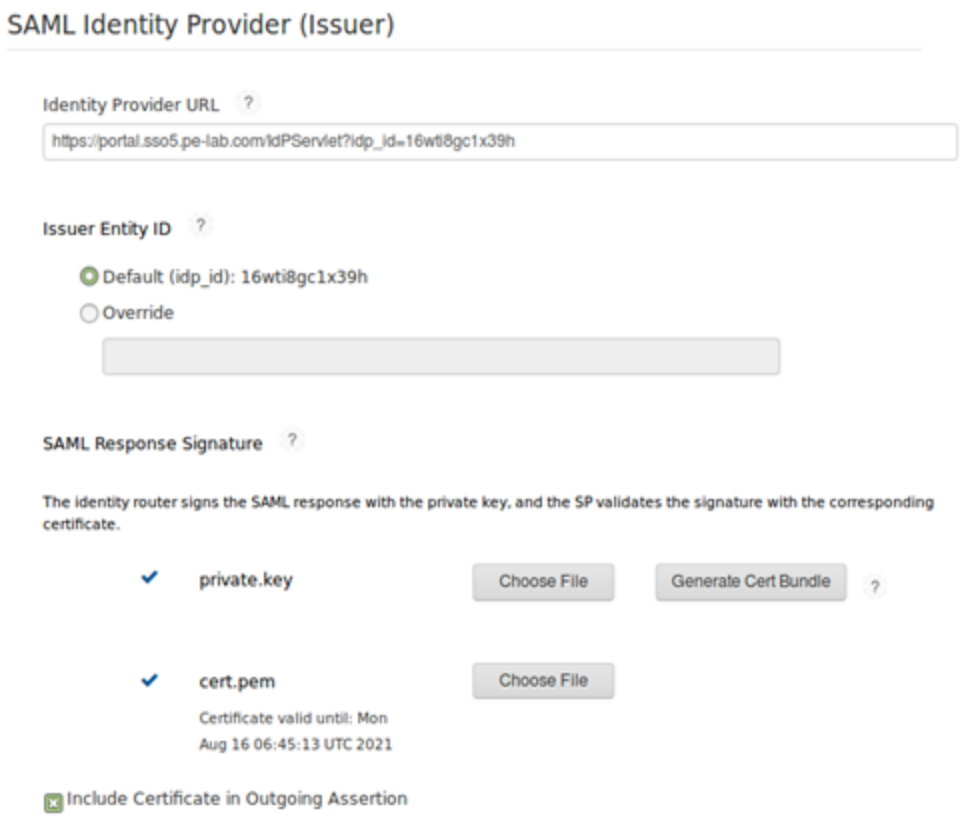
a. In the Connection URL field, verify the default setting.

b. Choose **IDP-initiated**.

Note: The following IDP-initiated configuration works for SP-initiated Salesforce connections as well.



4. Scroll down to SAML Identity Provider (Issuer) section.



a. Take note of the **Identity Provider URL**.

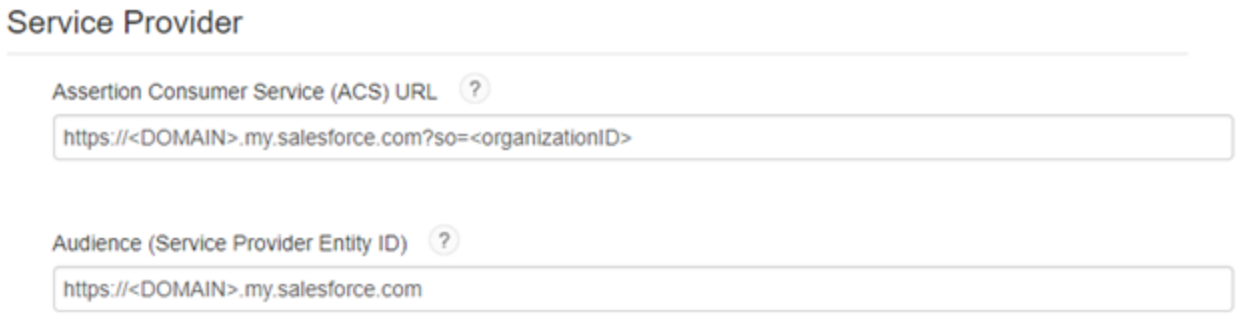
b. Take note of the **Issuer Entity ID**.

c. Select Choose File and upload the private key.

d. Select Choose File to import the public signing certificate.

e. Select the checkbox for **Include Certificate in Outgoing Assertio**n.

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

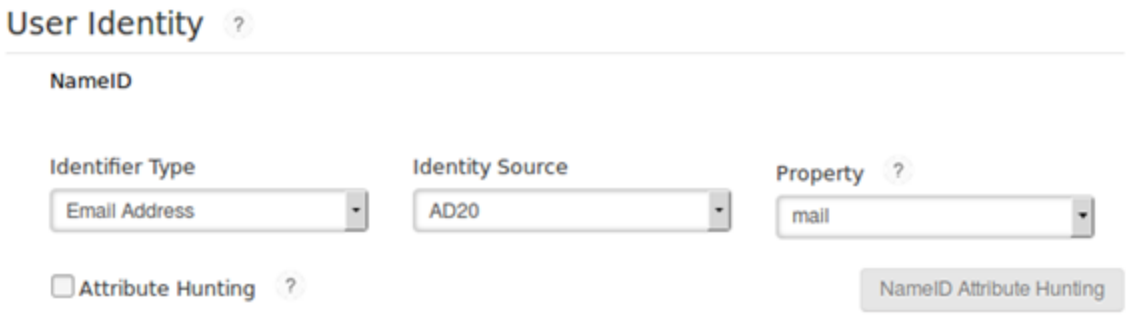


6. In the Assertion Consumer Service (ACS) URL field replace <DOMAIN> with your account domain or if in a developer environment replace with <DOMAIN>-dev-ed.

Note: The string following so= is the Salesforce Organization ID; which can be found on your Salesforce Administrator > Company Profile > Company Information page.

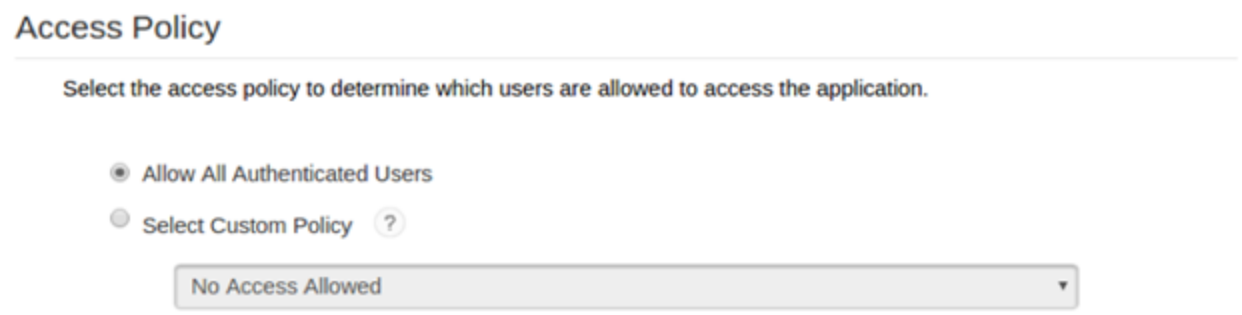
7. In the Audience (Service Provider Issuer ID) field replace <DOMAIN> with your account domain or if in a developer environment replace with <DOMAIN>-dev-ed.

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

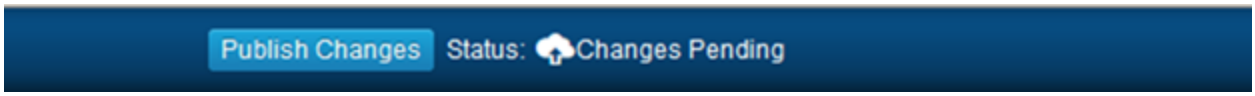


9. Click **Next Step**.

10. On the User Access page, select Allow All Authenticated Users user policy from the available options.



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



15. Navigate to **Applications** > **My Applications**.
16. Locate Salesforce in the list and from the **Edit** option, select **Export Metadata**.

Configure Salesforce

Perform these steps to configure Salesforce as an SSO Agent SAML SP to RSA Cloud Authentication Service.

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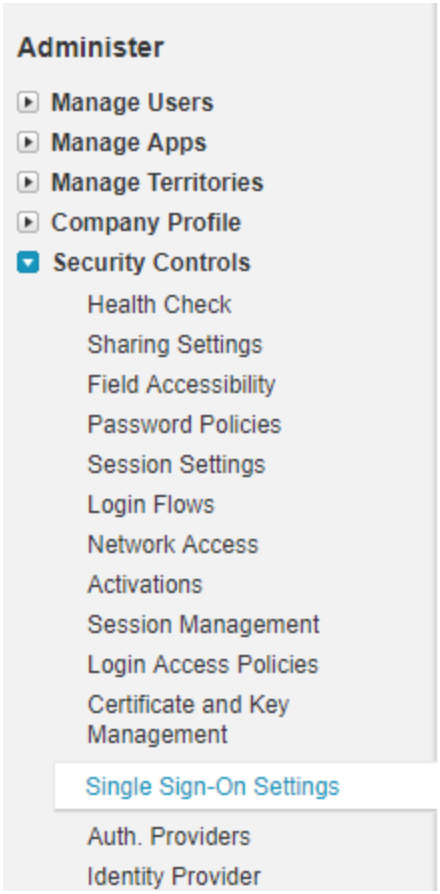

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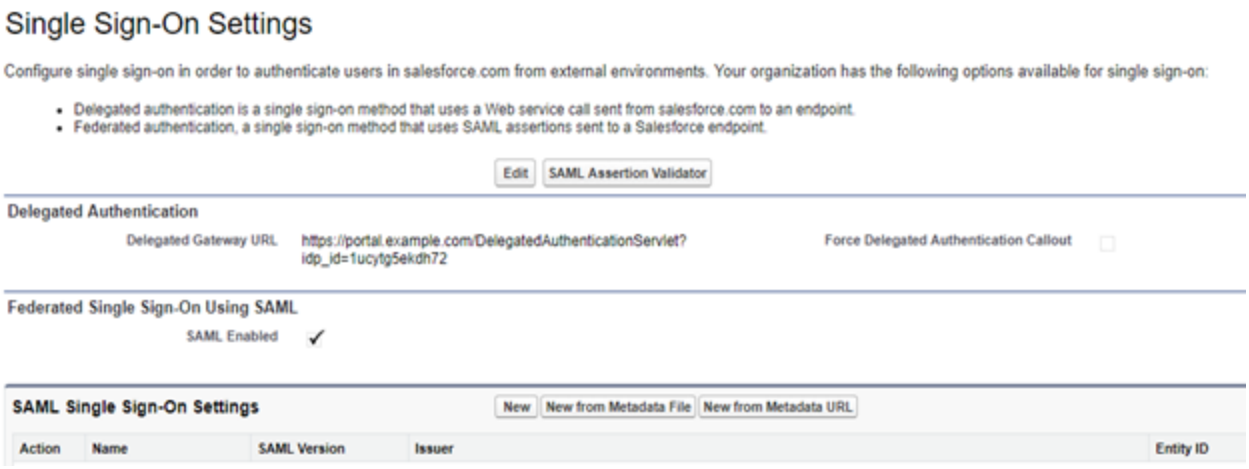

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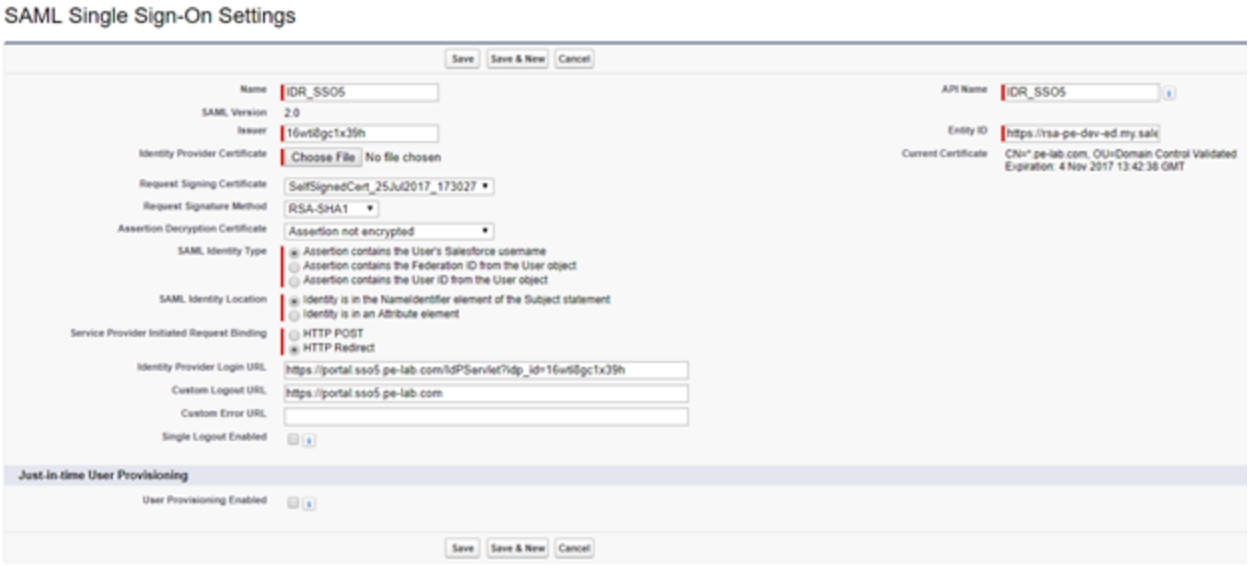

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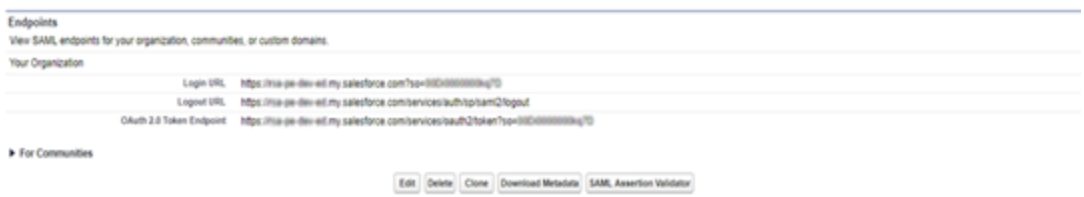

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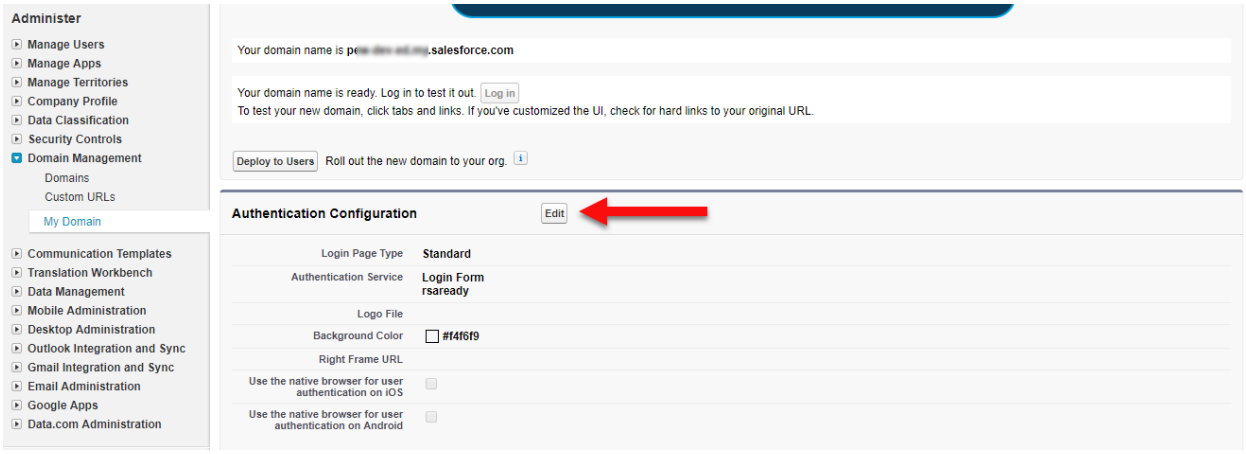

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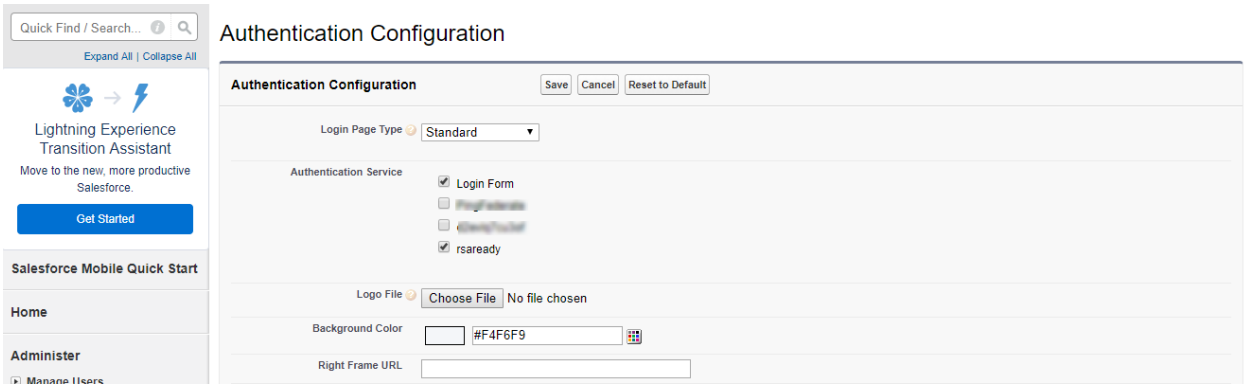

Configuration is complete.

Return to the main page for more certification related information.