

## Configure Single Sign-On for SAP Analytics Cloud

Administrators can configure single sign-on for the system to ensure that your users can seamlessly connect to SAP Analytics Cloud (SAC) to access, create, and manage stories.

### Enable Single Sign-On for SAC

To enable Single Sign-On for SAC, you've to connect the identity provider to the SAC tenant. To do so, start by downloading the service provider metadata of the SAC tenant from the system and then upload the metadata XML file to your identity provider. Later, download the configured metadata XML from your identity provider and upload this XML to the system to start using SAC seamlessly.

#### Prerequisites:

- Ensure your admin user has the analyticsSACSPSetupservice business service assigned and the sap.crm.service.analyticsSACSPSetupservice app enabled to configure single sign-on for SAP Analytics Cloud.
- Identity provider is configured on your system and is in active status. Only active identity providers can be selected while linking IdP metadata to the system.

#### Download System Metadata

1. Log in to the system as an administrator.
2. Navigate to user profile on the right-top corner, and access the **Settings** page.
3. Go to **All Settings Analytics SSO Configuration for SAP Analytics Cloud**.
4. Click **Download Metadata**. A zip file containing two (BTP\_account\_sp\_metadata.xml and SAC\_sp\_metadata.xml) XML files is downloaded to your local drive.

#### Configure Metadata in Your Identity Provider (IdP)

##### Note

Use this procedure to configure the IdP provided by SAP Identity Authentication Service (IAS). You can follow similar steps to configure external IdPs as well.

1. Log on to **SAP Identity Authentication Service** as an administrator. You can also use an external identity provider.
2. On the IAS screen, navigate to **Applications & Resources Applications**, and click **Add** to create a new application for the SAC service provider.
3. In the **Add Application** pop-up window, enter a name and click **Save**. A new application page opens.
4. Under **Trust Single Sign-On**, configure the following settings:
  - Click **Type**, and select SAML 2.0
  - Click **SAML 2.0 Configuration**, and upload the SAC metadata XML from your local drive.

- Click **Subject Name Identifier**, and configure the attribute, which the application uses to identify the users.

Ensure that you use the same attribute that is maintained in your system. For example, if your system-specific application in the IdP is configured as **Login Name**, then use the same value in SAC-specific application as well.

- Click **Assertion Attributes + Add**, maintain the following user attributes and assertion attributes, and then click **Save**.

User Attribute	Assertion Attribute
Language	preferredLanguage
Display Name	displayName
Last Name	familyName
First Name	givenName
E-mail	email


5. In the **Add Application** pop-up window, enter a name and click **Save**. A new application page opens.
6. Under **Trust Single Sign-On**, configure the following settings:
  - Click **Type**, and select SAML 2.0
  - Click **SAML 2.0 Configuration**, and upload the BTP metadata XML from your local drive.
  - Click **Subject Name Identifier**, and configure the attribute, which the application uses to identify the users.

Ensure that you use the same attribute that is maintained in your system. For example, if your system-specific application in the IdP is configured as **Login Name**, then use the same value in BTP-specific application as well.

7. Navigate to **Tenant Settings**, and click **SAML 2.0 Configuration** to open a new screen.
8. Click **Download Metadata File** to download the configured IdP metadata file for both SAC and BTP configured metadata XML files.

### Link IdP Metadata to the System

1. Log in to the system as an administrator.

2. Navigate to user profile on the right-top corner, and access the **Settings** page.
3. Go to **All Settings Analytics SSO Configuration for SAP Analytics Cloud**.
4. Click **+**, and select the IdP that needs to be linked. The metadata and the subject name identifier are populated from the system IdP metadata.
5. Use the refresh icon  to view the status of IdP metadata linking. The status gets updated once both the IdP and users synchronization is successful.

**Note**

Don't link any further IdP entries when the existing IdP entry is in progress.

You've now configured Single Sign-On to the SAC system, where your users can design stories seamlessly.