MobileIron Access Cookbook

Access with Facebook Workplace and G Suite

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Contents

Overview

SAML provides single sign-on capability for users accessing their services hosted in a cloud environment. Generally, a service provider such as Facebook Workplace is federated with an identity provider such as G Suite for authentication. Users authenticate to G Suite as an identity provider and obtain a SAML token for accessing applications in a cloud environment, such as Facebook Workplace.
This guide serves as step-by-step configuration manual for users using G Suite as an authentication provider with Facebook Workplace in a cloud environment.

Prerequisites

You must perform the following steps before you configure the service provider and identity provider with Access:

- Verify that you have the credentials for G Suite admin account.
- Ensure that you configure Facebook Workplace as a Service Provider that can work with G Suite as an Identity Provider. For more information, see https://support.google.com/a/answer/6356973?hl=en&ref_topic=6304952

  Download the metadata files after the configuration. These files must be used when you configure Facebook Workplace and G Suite to flow through MobileIron Access.

Configuring Facebook Workplace and G Suite with MobileIron Access

You must perform the following tasks to configure Facebook Workplace and G Suite with MobileIron Access:

Configure Access to create a Federated Pair

You must configure Access to select your service provider and the identity provider. You can apply the configuration settings for the service provider and the identity provider to create a federated pair.

Procedure

1. Log in to **Access**.
2. Click **Profiles** > **Get Started**.
3. Enter Access host information and upload the **ACCESS SSL certificate**. The other fields retain the default values. Click **Save**. For more information on Access SSL certificates, see *Certificates* in the *MobileIron Access Guide*.
4. Click **Profiles** > **Federated Pairs** > **Add**.
5. Select **Facebook Workplace** as the service provider.
6. Enter the following details:
    a. Enter a **Name** for the service provider**.**
    b. Enter an appropriate Description.
    c. Select *Access Self Signing Certificate* in the **Signing Certificate** drop-down list.
    d. Select **Add Metadata** and enter the following details:
        - **Entity ID**: https://www.facebook.com/company/your company-id
        - **Assertion Consumer Service URL**: https://*your-company-name*.facebook.com/work/saml.php
    e. (Optional) Select *Use Tunnel Certificates for SSO* to configure Cert SSO on MobileIron Core. See *Appendix* in the *MobileIron Access Guide* at https://support.mobileiron.com/docs/current/accs/ .
7. Click **Next**.
8. Select **G Suite** as the Identity provider. Click **Next** and enter the following details:
    a. Select *Access Self Signing Certificate* in the **Signing Certificate** drop-down list.
    b. Upload the metadata details for G Suite (see Prerequisites).
9. Click **Done**.
10. Download the **ACCESS SP Metadata** and the **ACCESS IDP Metadata** file from the Federated Pair listing page.

11. On the **Profile** tab, click **Publish** to publish the profile.

Task Result

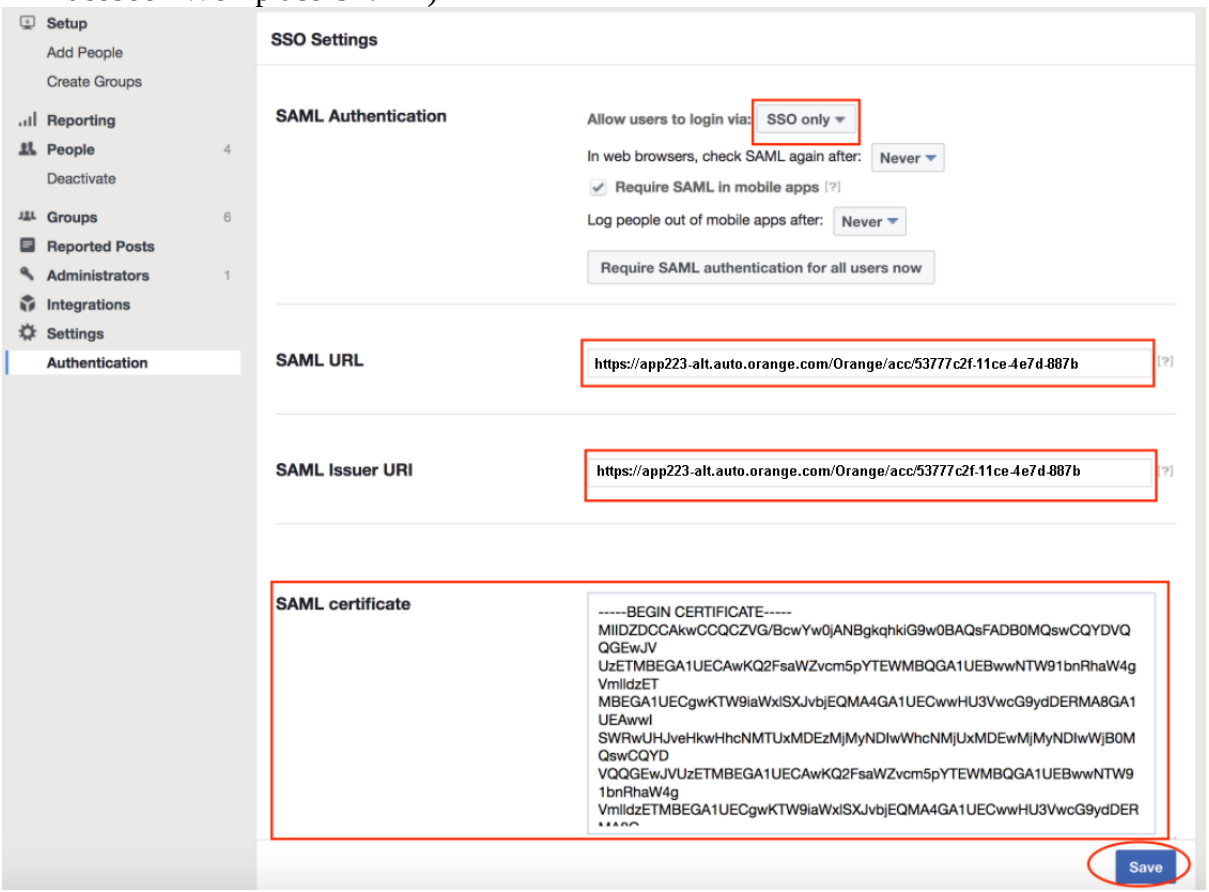
The Federated Pair is created.

Configure the Facebook Workplace environment for Access

The following procedure configures a trust between Facebook Workplace Service Provider and Access so authentication flows are redirected to Access.

Procedure

1. Login to Facebook Workplace tenant with Admin credentials.
2. Select **Dashboard > Settings > Authentication**.
3. Configure the Single Sign-On settings as shown below. SAML URL, Issuer URI, and Certificate must be extracted from the Access IDP Metadata (pairname-UploadTo-Facebook Workplace-SP.xml)



4. Add the below content in the certificate box:

-----BEGIN CERTIFICATE-----
-----END CERTIFICATE-----

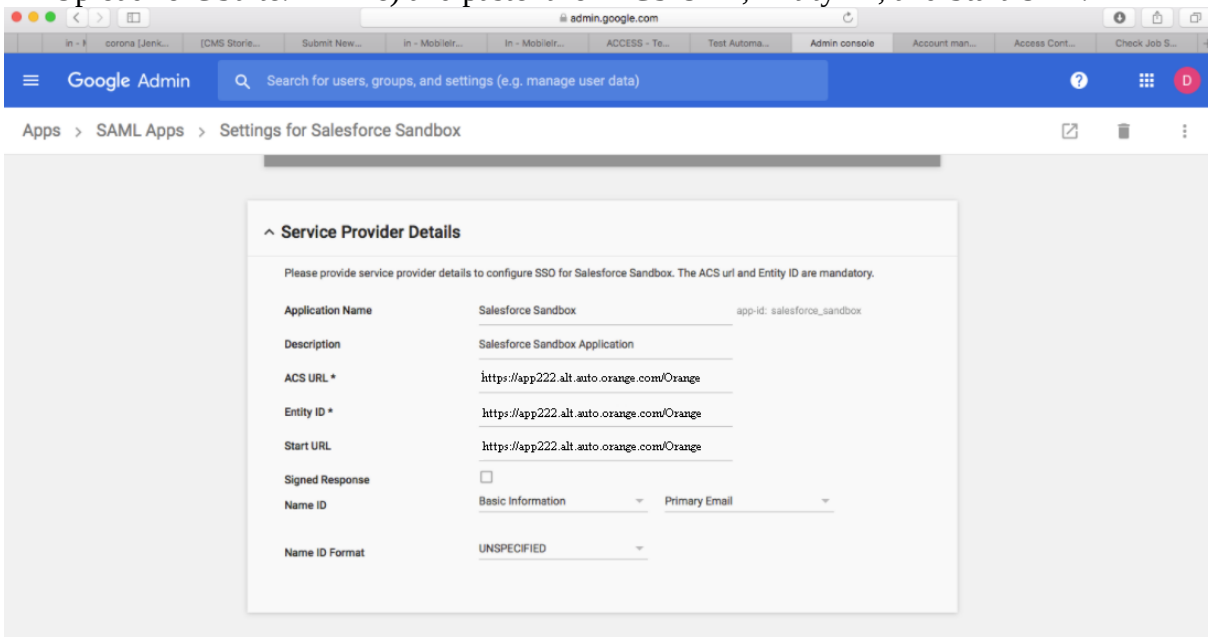
5. Click **Save**.

Configure the G Suite environment for Access

The following procedure configures a trust between G Suite Identity Provider and Access so authentication flows are redirected to Access.

Procedure

1. Login to G Suite admin console with admin credentials, (https://admin.google.com)
2. Navigate to Apps from the main menu and click **SAML Apps**.
3. Click **Facebook Workplace** application that was added when configuring Facebook Workplace and G Suite without Access. If the application is not added, click + .
4. Update **ACS URL**, **Entity ID**, and **Start URL**.
   Note: You can extract the Entity ID value from Access SP metadata file (pairname-UploadTo-GSuite.xml file) and paste it for ACS URL, Entity ID, and Start URL.



5. Configuration is complete.

Register Sentry to Access

You must register Sentry to Access to fetch the latest configuration from Access.

Prerequisite

Verify that you have registered Sentry earlier. If so, then do not perform this step.

Procedure

1. **Clish** Sentry. In the configuration mode, execute the following command for registration.
   (config)#accs registration https:/<FQDN of Access server><Admin Username of Access Server>

2. Enter the **Tenant password** and complete the registration.
3. In **Access**, click the **Sentry** tab.
4. Select the appropriate Sentry instance, then click **Action** > **Assign**.
5. Enter the **Password**.
6. Click **OK**.
7. **Clish** Sentry and execute the following command in configuration mode to fetch the latest configuration from Access immediately:

   (config)# accs config-fetch update

   Note: All the published configuration changes are fetched by Sentry assigned to the profile in fifteen minutes. However, if you want to see the changes immediately, then perform Step 7.

Task Result

Single sign-on service is now configured using SAML with Facebook Workplace and G Suite. This configuration lets you fetch the latest configuration from Access.

Verification

- Log into Facebook Workplace. Redirection occurs through Access and G Suite login page displays.
- Enter valid user credentials and verify that you are redirected to Facebook Home page through Access.