Trustwave®

CONFIGURATION GUIDE

Single Sign On for MailMarshal Cloud with Google G Suite

Table of Contents

About This Document

This document describes the steps required to configure SAML Single Sign On (SSO) to the Trustwave MailMarshal Cloud Spam Quarantine Management site, using Google SAML as the Identity Provider.

You can use the same Google identity provider for both SQM and the Console, by adding the appropriate values in the Google Admin Console.

This document assumes that:

- You have administrator access to the Google Admin Console for a managed domain.
- Your reseller has enabled your access to Single Sign On for SQM.

1 Gather Required Data from MailMarshal Cloud

1. Log in to the MailMarshal Cloud Console. Navigate to **Configuration > Security Configuration** and expand **Single Sign On**.
2. Select an option (**SQM Identity Providers** or **Console Identity Provider**).

Note: If you do not see one or both of these options, SSO is not enabled for you. Contact your reseller.

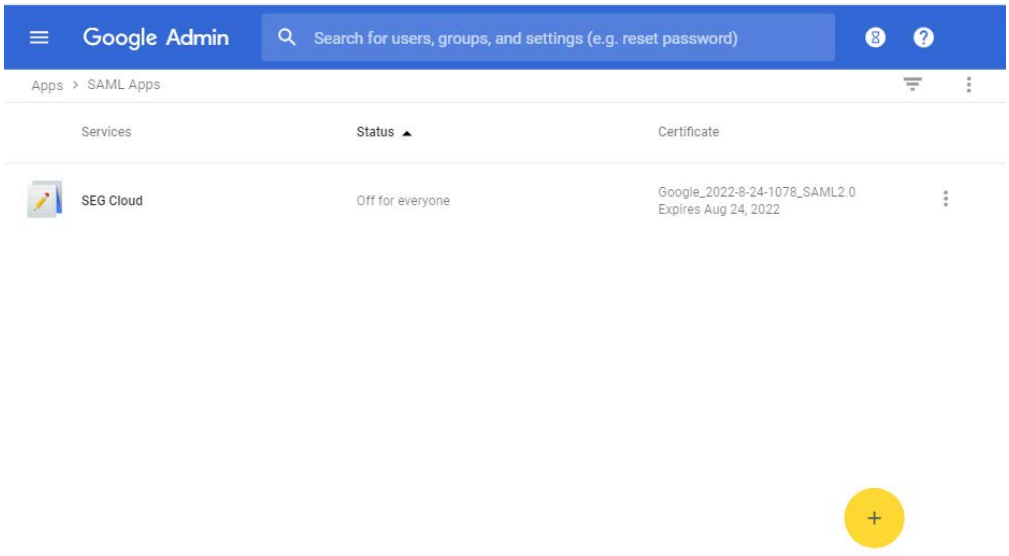
3. At the top of the list, click **Add.**
4. Note the Entity Provider and ACS URL. You will enter these items in the Google Console.
   - Carefully copy the values. The path parts differ for SQM and the Console.

2 Create the Application in Google SAML Apps

1. Sign in to the Google Admin Console using an administrator account.
2. From the Admin console Home page, go to Apps and then SAML Apps.

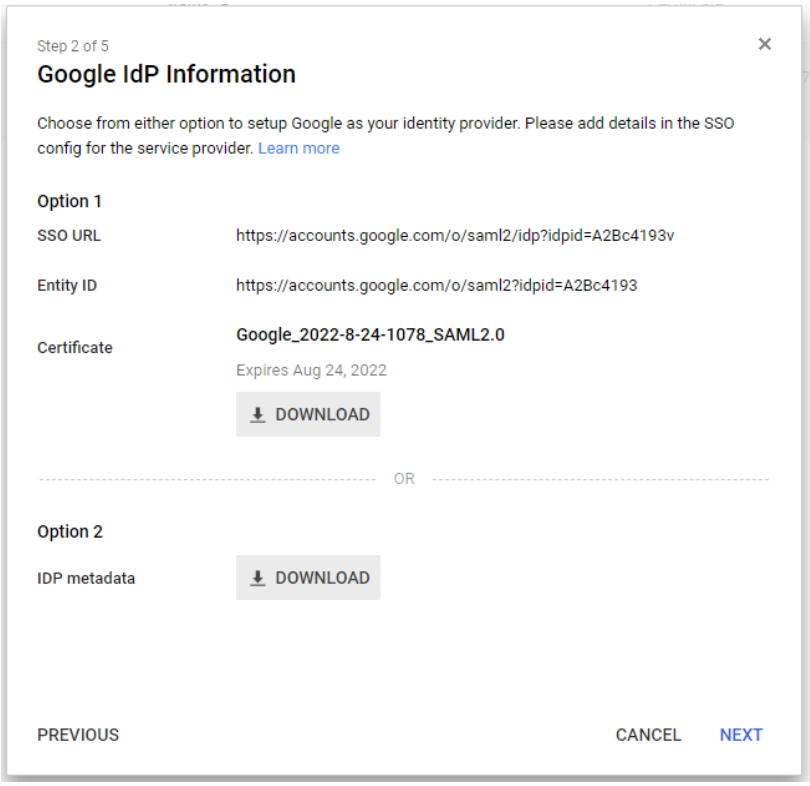
Tip: To see Apps on the Home page, you might have to click **More controls** at the bottom.

3. Click the plus (**+**) icon in the bottom corner.



4. At the bottom of the window, click **Setup my own custom app**.

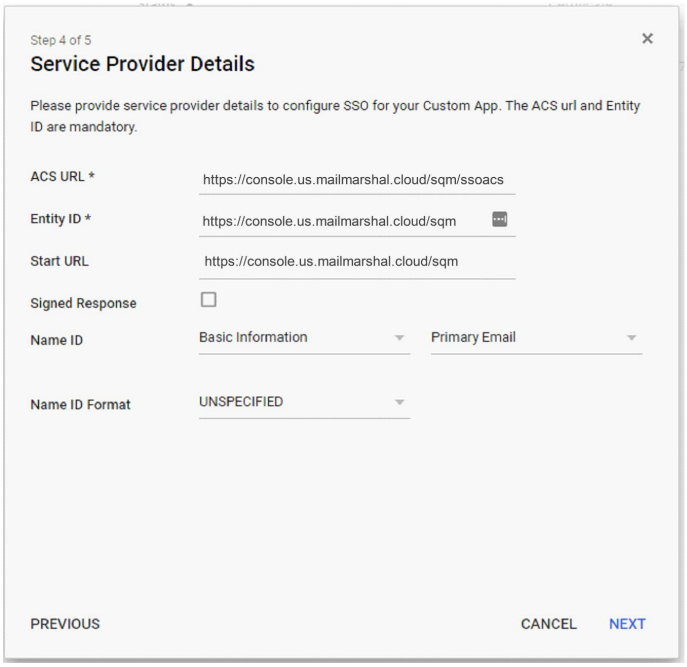
5. The Google IDP Information window opens and the Single Sign-On URL and the Entity ID URL fields automatically populate.



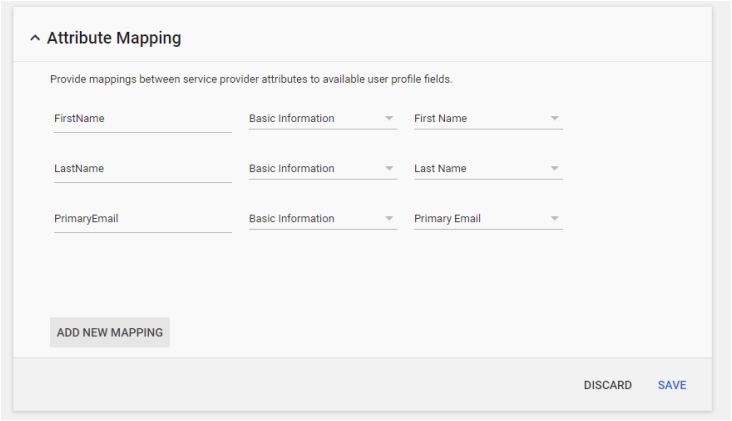
6. Copy the Entity ID and the Single Sign-On URL field values and download the X.509 Certificate. You will enter these items in MailMarshal Cloud.
7. In the Basic Application Information window, add the application name `MailMarshal Cloud` and a description.
8. Optionally you can upload a PNG or GIF file to serve as an icon. The file size should be 256 pixels square.
9. In the Service Provider Details window, add the following settings.
   - **ACS URL:** The ACS URL you copied from MailMarshal Cloud
   - **Entity ID:** The Entity ID you copied from MailMarshal Cloud
   - **Start URL:** The Entity ID you copied from MailMarshal Cloud

Note: Thes values depends on the regional instance of MailMarshal Cloud and the service (Console or SQM)

The image below shows an example of detail entry for the US regional instance of MailMarshal Cloud:



10. Click **Next**.
11. Add a minimum of three attribute mappings. For each one, click **Add new mapping**, enter the name, and select the profile field. These mappings allow the user name and email address information to be provided to MailMarshal Cloud.
    a. **FirstName** (Basic Information): First Name
    b. **LastName** (Basic Information): Last Name
    c. **PrimaryEmail** (Basic Information): Primary Email

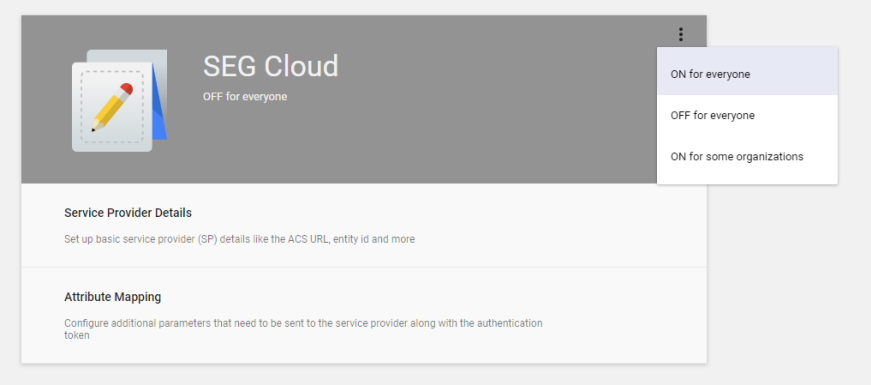


Tip: If you use the secondary email address field, you can map this attribute as **Alias.**

12. Click **Finish**.

3 Turn On SSO to the SAML App

1. From the Google Admin console Home page, go to Apps and then SAML Apps.
2. Select your new SAML app.
   a. At the top of the gray box, click **More Settings**, and choose **On for some organizations** to change the setting only for some users. Select one or more users to test.



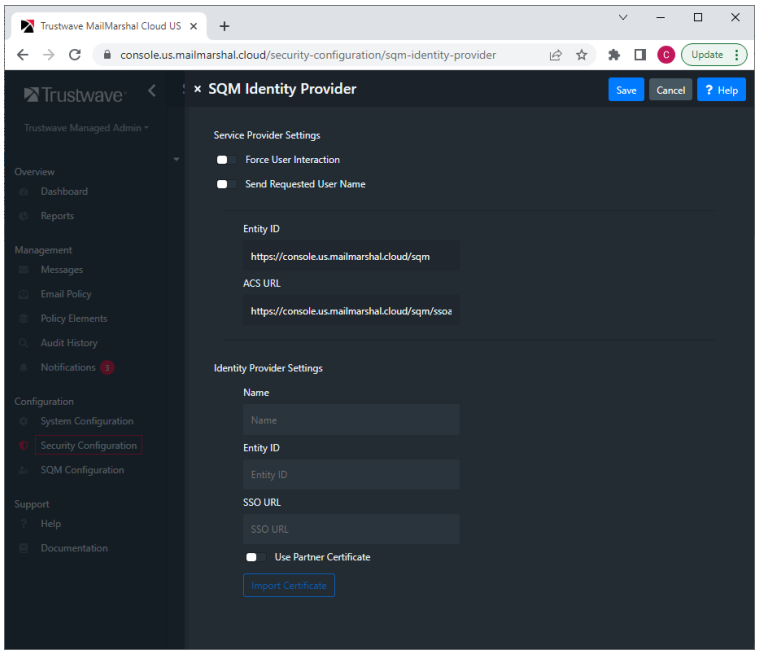
3. Ensure that the domain for your Google service matches a domain in your MailMarshal Cloud account.

4 Complete Configuration in MailMarshal Cloud for the SQM

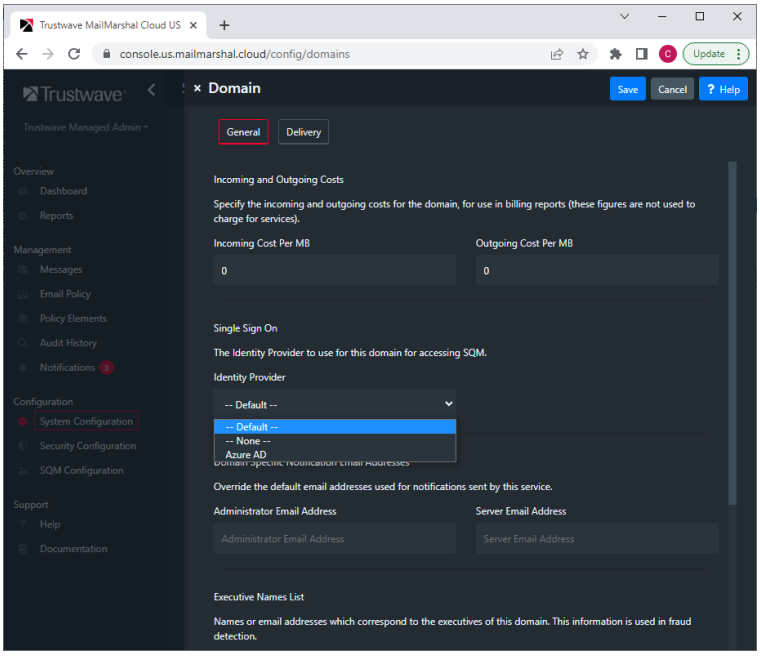
1. Log in to the MailMarshal Cloud Console. Navigate to **Configuration > Security Configuration > Single Sign On > SQM Identity Providers**.

Note: If you do not see this option, SSO is not enabled for you. Contact Trustwave or your reseller.

2. At the top of the list, click **Add.**
3. Enter a name such as `Google SAML`.
4. Enter the **Entity ID** and **SSO URL** that you noted from the Google Admin Console.
5. Check the box **Partner Certificate**, and then import the certificate that you saved from the Google Console.



6. To set the default Identity Provider, on the SQM Identity Providers page, select the provider and then click **Set Default**.
7. To set a provider for an individual domain:
   - From the domain list (**Configuration > System Configuration > Domains**), edit the domain.
   - Select an Identity Provider from the menu, and then click **Save**.



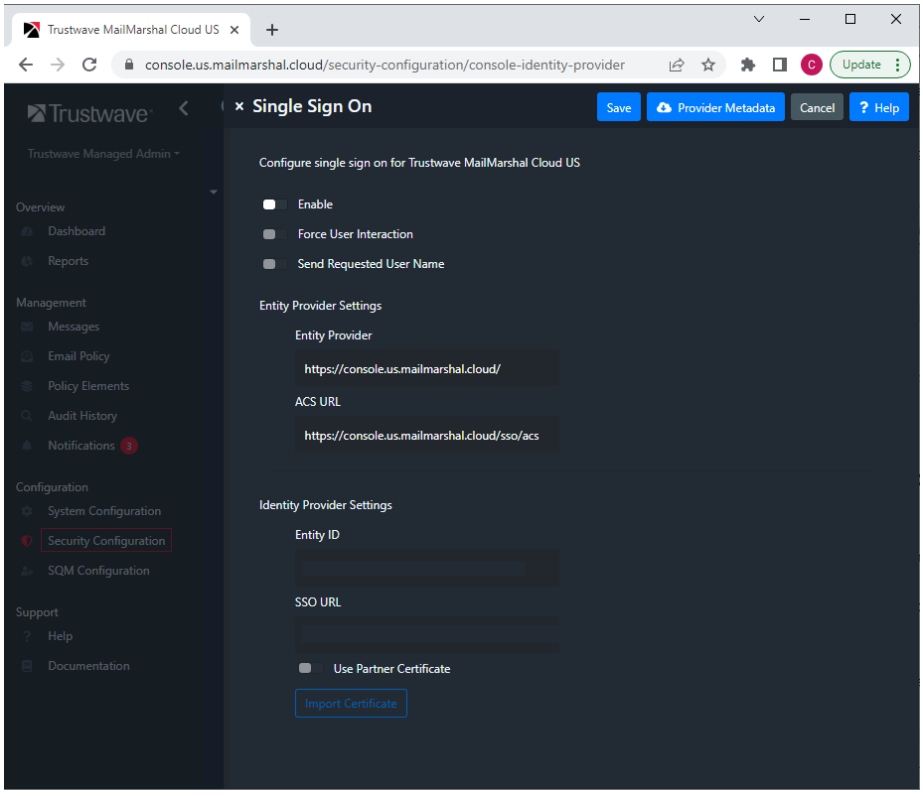
8. Test the configuration by logging in to SQM as a valid user. If the user is not in in the MailMarshal Cloud SQM users list, they will be added to the list. All email aliases from the configured attributes will be added for the user.

5 Complete Configuration in MailMarshal Cloud for the Console

1. Log in to the MailMarshal Cloud Console. Navigate to **Configuration > Security Configuration > Single Sign On > Console Identity Provider**.

Note: If you do not see this option, SSO is not enabled for you. Contact Trustwave or your reseller.

2. At the top of the list, click **Add.**
3. Enter a name such as `Google SAML`.
4. Enter the **Entity ID** and **SSO URL** that you noted from the Google Console.
5. Check the box **Partner Certificate**, and then import the certificate that you saved from the Google Console.



6. To enable use of this provider immediately select **Enable**.

Caution: Double-check all settings before enabling SSO for the Console. Enabling SSO will immediately disable the plain username and password login. Ensure that

you have enabled at least one user for SSO on the provider side. Console users must be created explicitly in MailMarshal Cloud (for security, self-provisioning is not supported for the Console).

Before logging out of the session where you enable SSO, test access from another workstation using the permitted user details.

If you cannot log in after enabling SSO, contact your reseller for assistance. Reseller Support logins can always access the Console.

7. For other available options, see Help for the page.
8. Click **Save**.

6 Deploy SSO

When you are ready to deploy SSO:

1. From the Google Admin console Home page, go to Apps and then SAML Apps.
2. Select the MailMarshal Cloud SAML app.
   - At the top of the gray box, click **More Settings**, and turn SAML on for all the users you want to authenticate with SSO.

Caution: The number of users that can be created and authenticated in MailMarshal Cloud SQM is limited to the licensed user count in MailMarshal Cloud.

About Trustwave

Trustwave helps businesses fight cybercrime, protect data and reduce security risk. With cloud and managed security services, integrated technologies and a team of security experts, ethical hackers and researchers, Trustwave enables businesses to transform the way they manage their information security and compliance programs. More than three million businesses are enrolled in the Trustwave TrustKeeper® cloud platform, through which Trustwave delivers automated, efficient and cost-effective threat, vulnerability and compliance management. Trustwave is headquartered in Chicago, with customers in 96 countries. For more information about Trustwave, visit https://www.trustwave.com.