Configure SSO Between redOrange.ai and Google Workspace

Overview

This guide walks you through the process of setting up Single Sign-On (SSO) between redOrange.ai and Google Workspace using SAML 2.0. After configuration, users can log in to redOrange.ai using their Google Workspace credentials.

Prerequisites

- Google Workspace administrator privileges
- redOrange.ai administrator access
- Access to both Google Admin Console and redOrange.ai SSO settings

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Step 1: Log in to Google Admin Console

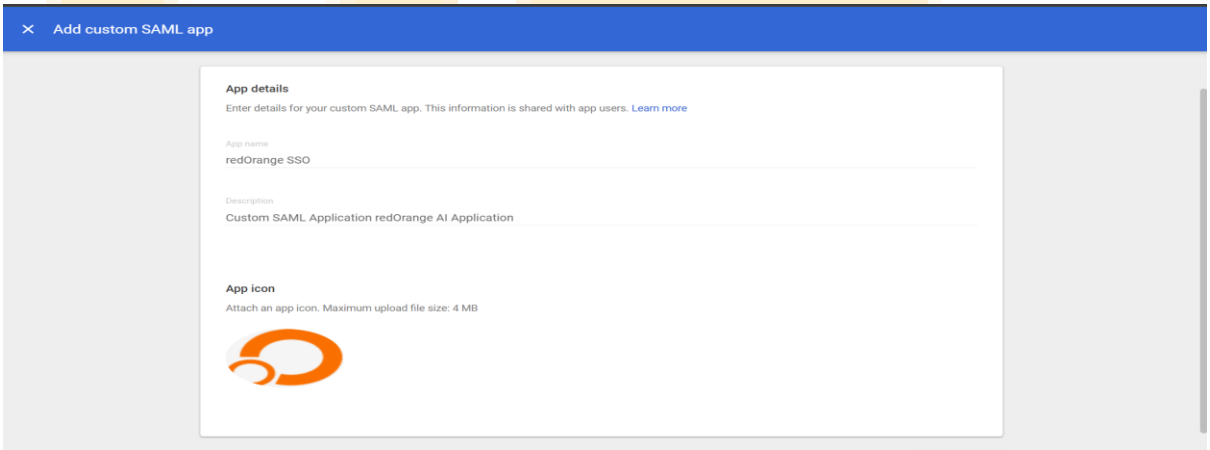
- Go to https://admin.google.com/ and sign in with your administrator account.

Step 2: Add a Custom SAML App

1. From the Admin console home page, go to **Apps** > **Web and mobile apps**.
2. Click **Add App** > **Add custom SAML app**.

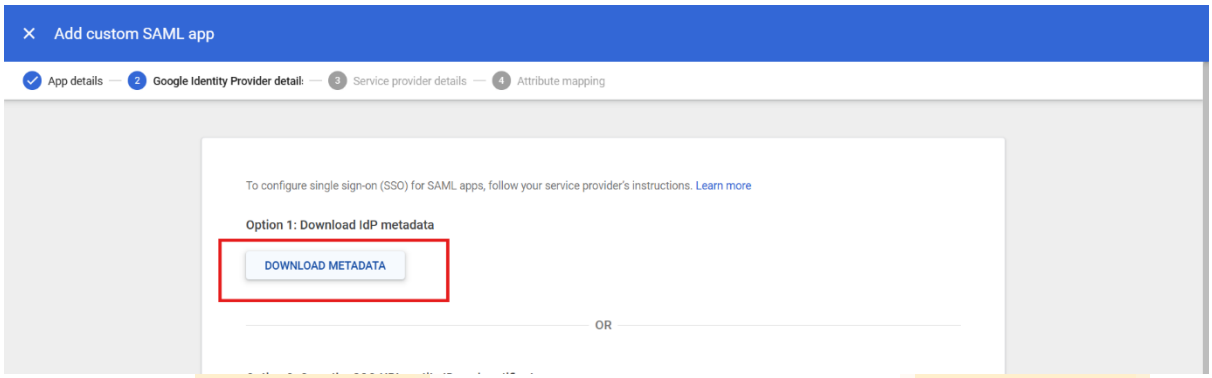
Step 3: Configure App Details

- Enter a name such as **redOrange SSO** and optionally upload a logo.
- Click **Continue**.



Step 4: Download Google IDP Metadata

- On the **Google IdP Information** page, download the **IDP metadata** XML file.
- Keep this file handy; you will upload it to redOrange.ai later.
- Click **Continue**.

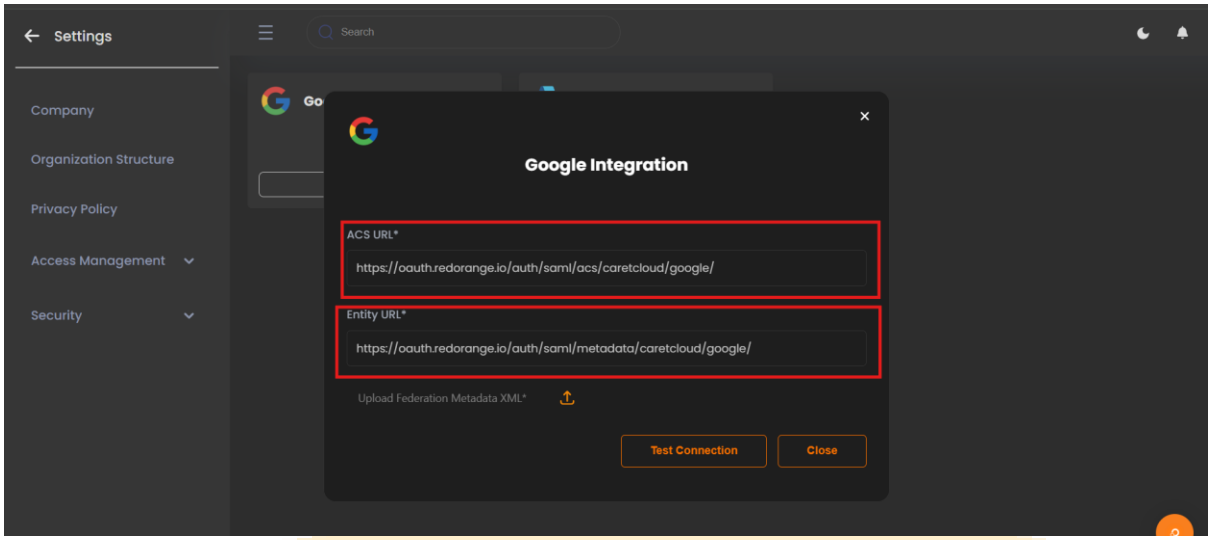


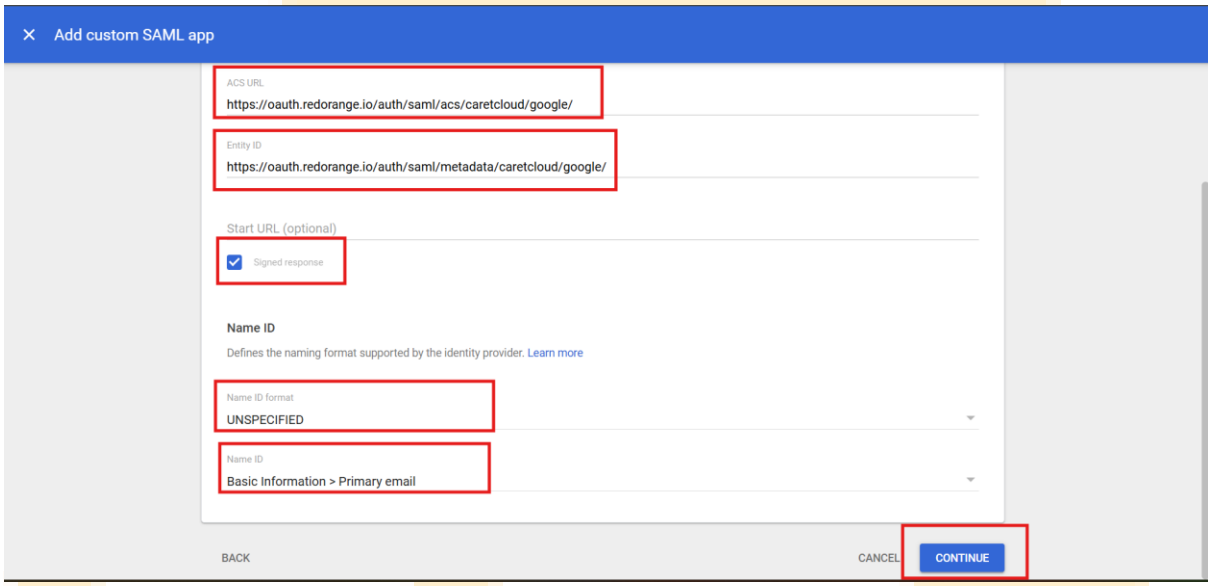
Step 5: Configure Service Provider Details in Google

- On the **Service Provider Details** page, enter the following:

Field	**Value**
ACS URL	[Obtain from redOrange.ai SSO Settings]
Entity ID	[Obtain from redOrange.ai SSO Settings]
Start URL	(leave blank)
Signed Response	Checked (enable)
Name ID Format	UNSPECIFIED
NAME ID	Basic Information > Primary Email

- Click **Continue**.



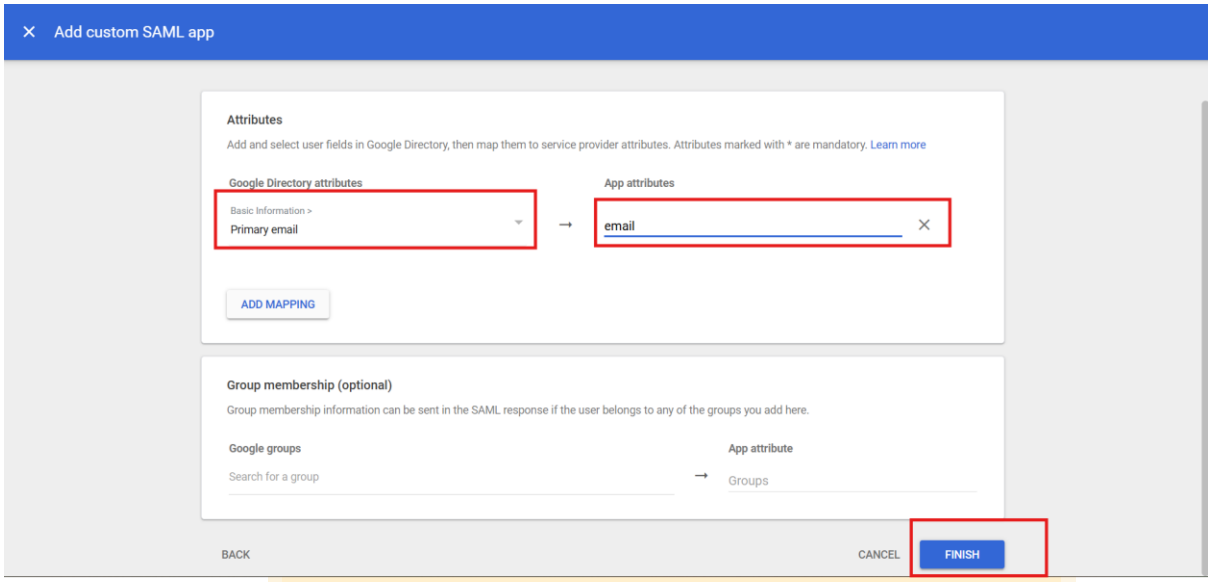


Step 6: Attribute Mapping

- Map the following attributes:

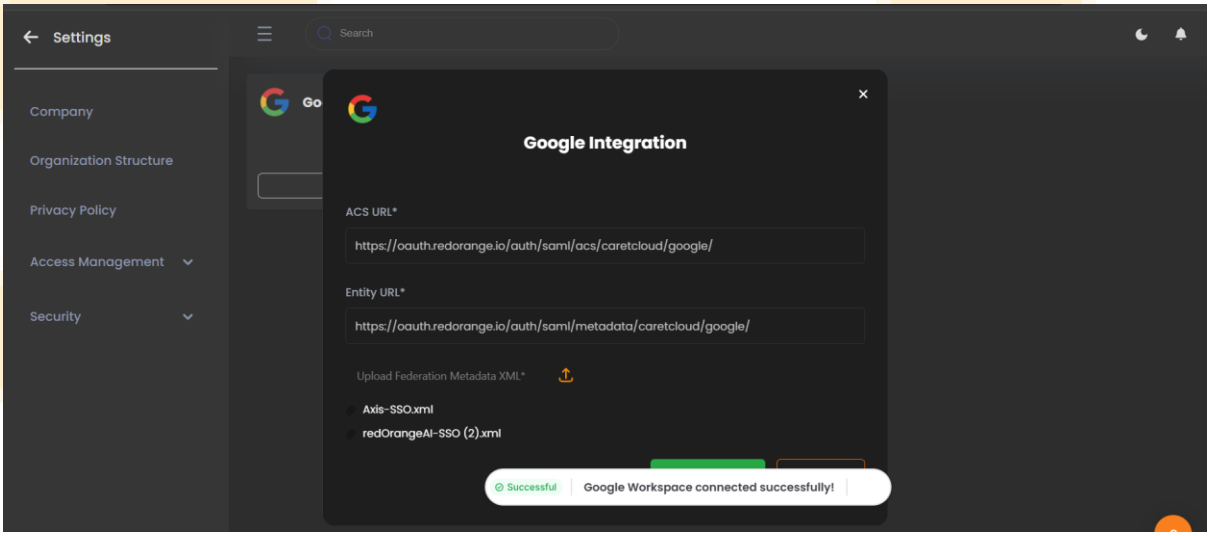
Google Directory Attribute	SAML Attribute Name
Primary email	email

- Click **Finish**.



Step 7: Upload Google IdP Metadata to redOrange.ai

- Log in to redOrange.ai as an administrator.
- Navigate to **Settings > Security > Identity Providers**.
- Click **Add Identity Provider** and select **Google Workspace**.
- Upload the Google IDP metadata XML file you downloaded earlier.
- Click on Test Connection.



Step 8: Test the SSO Setup

- Save all settings in both Google Workspace and redOrange.ai.
- Attempt to log in to redOrange.ai via the SSO login option.
- You should be redirected to Google Workspace for authentication.
- Upon successful login, you will be redirected back to redOrange.ai with access granted.

Step 9: Enable SSO for Your Organization

- In Google Admin Console, ensure the redOrange.ai SAML app is turned **ON for everyone** or for the desired organizational units.
- Communicate the new login process to your users.

Additional Tips

- Ensure that user email addresses in Google Workspace exactly match the email addresses of redOrange.ai user accounts for proper SSO authentication.
- Review user role assignments in redOrange.ai after provisioning via SSO.

Support

For further assistance, contact:

- Email: support@redorange.ai