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Introduction

This document describes integration with Google as the identity provider.

For information on configuring Google for SAML SSO, refer to the following articles.

https://support.google.com/a/answer/6087519

https://support.google.com/a/answer/2463723

Adding a SAML Application

Log into Google as an administrator.

https://admin.google.com/

Select Apps.



Select SAML apps.

s - Admin Console × + C & admin.google.com/ac/apps			• - · · · · · · · · · · · · · · · · · ·
Google Admin Q Search	for users, groups or settings		8 9 #
Google Workspace	Additional Google Services G Blogging, photos, video, social tools and more	Web and mobile apps	Google Workspace Marketplace apps Add and manage third party apps
11 SERVICES	56 SERVICES	2 APPS	NO SERVICES MANAGE
SAML apps			
2 SERVICES			
ogle Workspace core services are governed	l by your Google Workspace agreement.		

Click Add App > Add custom SAML app.

Specify an application name. This is for display purposes only.

 ← → C admin.google.com/ac/apps/unified × Add custom SAML app 	2 6 :
× Add custom SAML app	
1 App details — 2 Google Identity Provider detail: — 3 Service provider details — 3 Attribute mapping	
App details Enter details for your custom SAML app. This information is shared with app users. Learn more	
Appraame ExampleServiceProvider	
App icon	
Attach an app icon. Maximum upload file size: 4 MB	
CANCEL CONTINUE	

Download the IdP metadata or take note of the configuration settings. This is used to configure the service provider.

Admin console - Web and mobil × +			o - 0 ×
$\leftarrow \rightarrow$ C \oplus admin.google.com/ac/	/apps/unified		☆ 🜀 :
× Add custom SAML app			
	To configure single sign-on (SSO) for SAML apps, follow your service provider's instructions. Learn more Option 1: Download IdP metadata DOWNLOAD METADATA OR Option 2: Copy the SSO URL, entity ID, and certificate SSO URL	c	
	https://accounts.google.com/o/saml2/idp?idpid=C03kl4l11	6	
	Entity ID		
	https://accounts.google.com/o/saml2?ldpid=C03kl4l11	0	
	Certificate		
	Google_2026-4-21-212125_SAML2_0 Expires Apr 22, 2026	Ē ≛	
	BEGIN CERTIFICATE MIDIDOCCA/994mBAgi0AX99NAPMA00CSQSDIbJOQEBCWLIAMHsxFDASBgNVBA/CTC04hb2dsZSBJ bmMuMRVFAYRVQQCHEwi NIbJ3VudGFpbiBWaWV3MQBvDQYDVDQOEwZHb29nbGLucDAWBgNVBAATD0dv b2dsZSBGb3igv29yazELMAKGATUEBIMCVVMxE2ARBgNVBAgTCANhbGimb3JuaWEwHhcNMjEwNDiz		
	SHA-256 fingerprint		
	50:95:60:01:24:11:18:39:89:82:27:AA:11:82:F1:BD:46:8C:46:8C:3D:70:34:12:9F:30:E0:AE:98:2E:FC:5A	Ō	

Specify the service provider details.

The assertion consumer service URL is where the SAML response is received.

For example:

https://127.0.0.1:44360/SAML/AssertionConsumerService

Note that Google doesn't permit localhost URLs.

The entity ID is the service provider name.

For example:

https://ExampleServiceProvider

Admin console - Web and mobili × +
← → C a admin.google.com/ac/apps/unified
X Add custom SAML app
Service provider details
To configure single sign on, add service provider details such as ACS URL and entity ID. Learn more
https://127.0.0.1:44360/SAML/AssertionConsumerService
Emity ID
ntups.//Lxampieservice=lovider
Start URL (optional)
Signed response
Name ID
Defines the naming format supported by the identity provider. Learn more
Name ID format
UNGFEUFIED
Name ID
Basic Information > Primary email
BACK CANCEL CONTINUE

Attribute mappings may be specified if required.

Admin console - Web and mobile X	+	0	-	٥	
→ C 🔒 admin.google.c	om/ac/apps/unified		\$	G	,
Add custom SAML	קקנ				
App details — 📿 Google	dentity Provider detail: — 🖉 Service provider details — 🚺 Attribute mapping				
	anna a' s a sa a sa a sa a sa a sa a sa		_		
	Attributes				
	Add and select user fields in Google Directory, then map them to service provider attributes. Attributes marked with * are mandatory. Learn more				
	Coople Directory attributes Ann attributes				
	Google priectory attributes App attributes				
	ADD MAPPING				
	BACK CANCEL FINISH				

Ensure the application is turned on for everyone.

Service Status - Admin Console × +	noff?aid=834451531347	0	- □ ×
≡ Google Admin Q Search for u	isers, groups or settings	?	₩ G
Apps > Web and mobile apps > ExampleServiceProvide	r > Service Status		
Ex ExampleServiceProvi	Showing settings for users in all organizational units		
der	Service status		^
All users in this account	Service status ON for everyone		
Groups 🗸	O OFF for everyone		
Organizational Units	Changes may take up to 24 hours to propagate to all users.		
Search for organizational units	1 unsaved change 0	CANCEL	SAVE
✓ componentspace.com			
Waiting for play.google.com			

The SAML configuration is complete.

 SAML app details - Admin consol × + ← → C	2001945	•	- 🗆 ×
≡ Google Admin Q Search for u	isers, groups or settings	?	III 6
Apps > Web and mobile apps > ExampleServiceProvide	it .		
SAML ExampleServiceProvide r	User access To make the managed app available to select users, choose a group or organizational unit. Learn more View details ON for everyone		~
 TEST SAML LOGIN DOWNLOAD METADATA DELETE APP 	Service provider details ACS URL Entity ID Google_2026-421-212125_SAML2_0 https://127.0.0.1:44360/SAML/AssertionConsumerSe https://ExampleServiceProvider (Expires Apr 22, 2026) rvice https://LiterapreserviceProvider		~
	SAML attribute mapping SAML attribute mapping isn't configured Map Google directory user profile fields to SAML service provider attributes. Learn more Configure SAML attribute mapping		

Service Provider Configuration

The following partner identity provider configuration is included in the example service provider's SAML configuration.

<PartnerIdentityProvider Name="https://accounts.google.com/o/saml2?idpid=C03kl4l11" Description="Google" SingleSignOnServiceUrl="https://accounts.google.com/o/saml2/idp?idpid=C03kl4l11"> <PartnerCertificates> <PartnerCertificates> </PartnerCertificates> </PartnerCertificates>

Ensure the PartnerName specifies the correct partner identity provider.

<add key="PartnerIdP" value="https://accounts.google.com/o/saml2?idpid=C03kl4l11"/>

SP-Initiated SSO

Browse to the example service provider and click the button to SSO to the identity provider.



Log into Google.

G Sign in - Google Accounts × +	o – o x
← → C accounts.google.com/signin/v2/challenge/pwd?passive=120	39600&continue=https%3A%2F%2Faccounts.google.com%2Fo%2Fsaml2%2Fidp%3Ffrom_login%3D1%26zt%3DChRaVk5rR2o3WERfd3hXbX 👷 🛓
	Coogle Hi Joe o joeuser@componentspace.com Enter your password

The user is automatically logged in at the service provider.



IdP-Initiated SSO

Browse to Google and login.

For example:

https://myaccount.google.com

Click the Apps button to show the applications.

Select the example service provider.



The user is automatically logged in at the service provider.



SAML Logout

Google doesn't support SAML logout.