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## Introduction

This document describes integration with Salesforce as the identity provider.

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

https://help.salesforce.com/articleView?id=identity\_provider\_enable.htm&type=0

https://developer.salesforce.com/page/Salesforce\_IdP\_Setup

# Enabling the Identity Provider

Log into Salesforce as an administrator.

https://login.salesforce.com

Select Setup > Administration Setup > Security Controls > Identity Provider.

#### Enable the identity provider.



Select a Salesforce certificate to use.



Download the metadata. This is used to configure the service provider.

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Expand All   Collapse All	Enable Salesforce.com as an ide providers whose applications sup more	ntity provider so you can use single port single sign-on. You can switch	sign-on with other web sites, and define the a to different service providers without having t	ippropriate service o log in again. <u>Learn</u>	Quick Tips - • Certificate • About Sin • My Doma	<u>⊧s and Keys</u> gle Sign-On in
Migration Assistant Switch to the modern, intelligent	Identity Provider Setup	Edit Disable D	ownload Certificate Download Metadata			
Get Started	Details     Issuer	https://componentspace-dev- ed.my.salesforce.com				
Salesforce1 Quick Start	✓ Currently chosen cert Label Created Date	ficate details <u>SelfSignedCert_16Oct2017_0542</u> 16/10/2017 4:42 PM	05 Unique Name Expiration Date	SelfSignedCert_160 16/10/2019 11:00 AM	ct2017_054205	_
Force.com Home	Key Size	4096				
System Overview	Salesforce Identity	https://componentspace-dev-ed.m	y.salesforce.com/.well-known/samlidp.xml			
Personal Setup						
My Personal Information	Service Providers	Service Providers	are now created via Connected Apps. Click I	iere.		
⊕ Email	Name	Crea	ited Date			
Import	No Service Providers					
Desktop Integration     Salesforce Files						
My Social Accounts and Contacts						
My Connected Data						
App Setup						
Develop						
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# Creating a Connected App

Select Setup > App Setup > Create > Apps.

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salesforce 18 Home Start Here >	Setup · Developer Console · Help · Logout
Quick Find	Apps Help for this Page 🄊
Schwarz → Lightning Experience Migration Assistant	An app is a group of tabs that work as a unit to provide functionality. Users can switch between apps using the Force.com app drop-down menu at the top- right corner of every page. You can customize existing apps to match the way you work, or build new apps by grouping standard and custom tabs.
Switch to the modern, intelligent Salesforce.	Apps     Quick Start     New     Reorder     Apps # 000
Get Started	Action App Label Console Custom Description
Salesforce1 Quick Start	Edit     Del     Force.com     ✓     Start Here       Edit     Ideas     Salesforce CRM Ideas       Edit     Marketing     Best-in-class on-demand marketing automation
Force.com Home	Edit Platform The fundamental Force.com platform
System Overview	Edit         Service         Manage customer service with accounts, contacts, cases, and more
Personal Setup	Edit Site.com Build pixel-perfect, data-rich websites using the drag-and-drop Site.com application, and manage content and published sites.
My Personal Information     Email     Import     Desktop Integration     Salesforce Files	Connected Apps New Connected Apps Help 2 No Apps found.
<ul> <li>My Social Accounts and Contacts</li> <li>My Connected Data</li> </ul>	
App Setup  Customize Customize Custom Labels Interaction Log Layouts Objects Big Objects Picklist Value Sets	

Click new to create a connected app.

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Expand All I Collapse All		Save Cancel					
$\gg$ $\neq$ $f$	Connected App Name	EvempleSepticeBravider		<b>=</b> R	equired Ir	nformation	
Lightning Experience	API Name	ExampleServiceProvider					
Migration Assistant	Contact Email	support@componentspace.com					
Switch to the modern, intelligent Salesforce.	Contact Phone						
Cat Started	Logo Image URL 📀						
Ger Starteu	Icon URL	Upload logo image or Choose one of our sample logos					
		Choose one of our sample logos					
Salesforce1 Quick Start	Info URL						
Force.com Home	Description 🥥						
	- ART / Enable OAuth						
System Overview	Enable OAuth Settings						
Personal Setun							
My Personal Information	Veb App Settings						
⊕ Email	Start URL 🕗						
Import	Enable SAML						
Desktop Integration     Salesforce Files	Entity Id 😳	https://ExampleServiceProvider	1				
My Social Accounts and Contacts	ACS URL	https://localhost:44360/SAML/AssertionConsumerService	1				
My Connected Data	Enable Single Logout		1				
App Setup	Single Logout URL	https://localhost:44360/SAML/SingleLogoutService					
Customize	Single Logout Binding						
Create     Apps							
Custom Labels	Subject Type 📀	Username					
Interaction Log Layouts	Name ID Format 🌝	urn:oasis:names:tc:SAML:1.1:nameid-format:unspecified					
Objects	Issuer 📀	https://componentspace-dev-ed my salesforce com	1				
Big Objects	IdP Certificate		1				
Picklist Value Sets	Verify Request Signatures						
Packages Report Types	verify request signatures						
Tabs		Upload a certificate: C:\ComponentSpace\Pro Browse					
Service Cloud Launch Pad	Encrypt SAML Response 🥝						
Action Link Tompletee							$\sim$

The connect app name and app name are for display purposes only.

The entity ID is the service provider's name.

For example:

https://ExampleServiceProvider

The assertion consumer service URL is the endpoint to receive SAML responses.

For example:

https://localhost:44360/SAML/AssertionConsumerService

The single logout service URL is the endpoint to receive SAML logout messages.

For example:

https://localhost:44360/SAML/SingleLogoutService

SAML authn request are signed so the service provider's certificate is uploaded.

For example:

sp.cer

Click Manage > Manage Profiles.

Permit users to access the connected app by assigning profiles.

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	Setup · Developer Console · Help · Logout	OM Force com
salesforce		apps
Home Start Here		
	Application Profile Assignment	Heln for this Page 🔞
Quick Find Q	re Back to Connected Ann Detail	
Expand All   Collapse All	Select the appropriate profiles to choose which users have access to this application.	
<b>\$\$</b> → <b>\$</b>	Select Profiles Descripti	lion
Lightning Experience	Chatter Free User	
Migration Assistant	Chatter Moderator User	
Switch to the modern, intelligent Salesforce.	Contract Manager	
Get Started	Cross Org Data Proxy User	
	Custom: Marketing Profile	
Colorformat Onlich Chart	Custom: Sales Profile	
Salesforce1 Quick Start	- Custom: Support Profile	
Force.com Home	Customer Community Login User	
System Overview	<u>Customer Community User</u>	
System overview	Customer Portal Manager	
Personal Setup	Marketing User	
My Personal Information     Email	Partner Community Login User	
Import   Depicter Integration	Partner Community User	
Salesforce Files	Partner User	
<ul> <li>My Social Accounts and Contacts</li> <li>My Connected Data</li> </ul>	Read Only	
	Solution Manager	
E Customize	Standard Platform User	
Create	Standard User	
	System Administrator	
Schema Builder		Save Cancel
Canvas App Previewer Installed Packages		

Review the connected app's configuration.

Note the URL for IdP-initiated SSO.

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$\leftarrow$ $\rightarrow$ O $\Leftrightarrow$	ap1.salesforce.com/	ui/core/application/force/connecteda	app/ForceConnected/	Applica 🛄 🛠	1 1		
System Overview	SAMI Service Provider	Settings					
	Entity Id	https://ExampleServiceProvider	ACS URL	https://localhost:44360/SA	MI /AssertionC	onsumerServic	
Personal Setup	Subject Type	Username	Issuer	https://componentspace-d	ev-ed my sales	force.com	~
R Ma Demondel Information	Idp Certificate	Default IdP Certificate	Single Logout URL	https://localhost:44360/SA	ML/SingleLogo	utService	- 1
Email	Name ID Format	urn:oasis:names:tc:SAML:1.1:nameid- format:unspecified	Single Logout Binding	HTTP Redirect			
Desktop Integration     Selectores Files	Verify Request Signatures	CN=www.sp.com Expiration: 31 Dec 2049 14:00:00 GMT					
My Social Accounts and Contacts	Enable Single Logout	Enabled					
My Connected Data	SAML Login Informatio	n					
	View and download SAML	endpoint metadata for your organization, comm	unities, or custom domains	3.			
App Setup	Your Organization Downlo	pad Metadata					- 1
Customize	IdP-Initiated Login URL	https://componentspace-dev-ed.my.salesford	ce.com/idp/login?app=0sp	9000000000wN			
E Create	SP-Initiated POST	https://componentspace-dev-ed.my.salesfore	ce.com/idp/endpoint/HttpP	ost			
Deploy     Ochage Builder	SP-Initiated Redirect	https://componentspace-dev-ed.my.salesfore	ce.com/idp/endpoint/HttpR	edirect			
Lightning App Builder	Metadata Discovery	https://componentspace-dev-ed.my.salesfore	ce.com/.well-known/samlid	p/ExampleServiceProvider.x	ml		
Canvas App Previewer	Single Logout Endpoint	https://componentspace-dev-ed.my.salesfore	ce.com/services/auth/idp/s	aml2/logout			
AppExchange Marketplace							
Critical Updates	Custom Connected app Handler						
	Run As						
Administration Setup							
<ul> <li>Manage Users</li> <li>Manage Apps</li> </ul>	Trusted IP Range for OAut flow	h Web server					
Connected Apps Connected Apps OAuth Usage	No application-defined IP ran	ges					
App Menu							
Manage Territories	Profiles	Manage Profiles					
Company Profile     Security Controls	Profile		Profile Descr	ription			
Domain Management	Standard Platform User						
Communication Templates	Standard User						
Translation Workbench	System Administrator						
Data Management							
Monitoring     Mobile Administration	Record a loss de la						-
Mobile Administration     Desktop Administration	Permission Sets	Manage Permission Sets					
Lightning for Outlook	No permission sets associate	d with this app.					
Lightning Sync	Custom Attributes	New					
<ul> <li>Email Administration</li> <li>Google Apps</li> </ul>	No Custom Attributes						
	∧ Back To Top	Always show me	fewer 🔺 / 🔻 more reco	rds per related list			

## Service Provider Configuration

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

```
{
    "Name": "https://componentspace-dev-ed.my.salesforce.com",
    "Description": "Salesforce",
    "SignAuthnRequest": true,
    "SingleSignOnServiceUrl": "https://componentspace-dev-
ed.my.salesforce.com/idp/endpoint/HttpRedirect",
    "SingleLogoutServiceUrl": "https://componentspace-dev-
ed.my.salesforce.com/services/auth/idp/saml2/logout",
    "PartnerCertificates": [
    {
        "FileName": "certificates/salesforce.cer"
     }
    ]
}
```

Ensure the PartnerName specifies the correct partner identity provider.

"PartnerName": "https://componentspace-dev-ed.my.salesforce.com"

# **SP-Initiated SSO**

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

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Home About Contact Regi	ster Log	ı in	
Evenable Comiles Drevider			
Example Service Provider			
This example demonstrates using the ComponentSpace SAML v2.0 library to enable SAML single sign-on as the service provider.			
SSO to the Identity Provider			
www.componentspace.com			

Log into Salesforce.

E ← Login   Salesforce × + ∨		-		×
← → ひ ⋒ 合 componentspace-dev-ed.my.salesforce.com/?ec=302&startURL=%2Fidp%2Fidp%2Fidpin%3	□☆ ☆	h	B	
salesforce   To access this page, you have to log in to Salesforce. Username johndoe@componentspace.com Password Get the E-book Get the E-book Market Tog In Friget Your Password?	data into th AI. tein is transforming sales, service, d faster.			たりをあ
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The user is automatically logged in at the service provider.



# **IdP-Initiated SSO**

Browse to the URL for IdP-initiated SSO and login.

For example:

https://componentspace-dev-ed.my.salesforce.com/idp/login?app=0sp900000000WN

Alternatively, select the connect app from the app launcher.

<ul> <li>A componentspace-dev-ed.my salesforce.com/rec=302&amp;startURL=%2Fidp%2Flogin%3</li> &lt;</ul>	🖷 🖷 🍉 Login   Salesforce X + 🗸		-		×
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© 2017 selectors care ins. All sights recorded	© 2017 salesforce.com, inc. All rights reserved.				

The user is automatically logged in at the service provider.



## SAML Logout

SP-initiated logout returns the user to the Salesforce login page and no logout response is returned to the service provider.

Logging out at Salesforce (i.e. IdP-initiated logout) does not send a logout request to the service provider.

These are limitations in Salesforce and the user should close the browser to complete logout.