

Integrate OneLogin with FileCloud

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This article describes how to integrate OneLogin as an SSO provider with FileCloud.

FileCloud: Enable SAML

Add the following alias directive in the apache configuration to enable simplesamlphp folder.



Add the following line to the apache configuration file.

Alias /simplesaml "<PATH TO FileCloud WEBROOT>/thirdparty/simplesaml/www"

Where "<PATH TO FileCloud WEBROOT>" refers to WEB ROOT Folder where FileCloud is installed.

Following are the typical entries in Linux and windows, but can change if the FileCloud is installed under a different WEB ROOT Folder.

OS	Instructions
Windows	Open the c:\xampp\apache\conf\extra\httpd-filecloud.conf config file Add the following line at the end of the config file (httpd-filecloud.conf) Alias /simplesaml "/xampp/htdocs/thirdparty/simplesaml/www" Save the file and Stop and Start the Webserver from the FileCloud Control Panel.
Linux	Go to /etc/apache2/sites-enabled/000-default.conf Add the following line within <VirtualHost *:80> for HTTP connection or <VirtualHost *.443> for HTTPS connection. You can place it under the line DocumentRoot /var/www/html Alias /simplesaml /var/www/html/www/thirdparty/simplesaml/www -- (Ubuntu 16.04 and higher versions) Alias /simplesaml /var/html/www/thirdparty/simplesaml/www --> (Ubuntu 14.04 and lower versions) Restart the apache webserver. /etc/init.d/apache2 restart

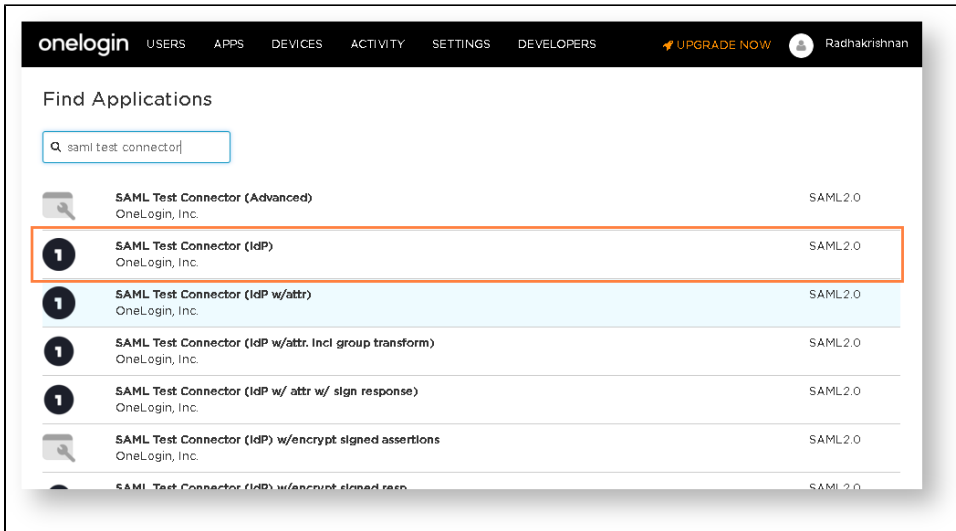


Pre-requisite: mcrypt module must be installed on the FileCloud Server. In Windows, it should be installed by default. In Linux, if mcrypt is not installed, it must be installed

OneLogin: Create App Connector

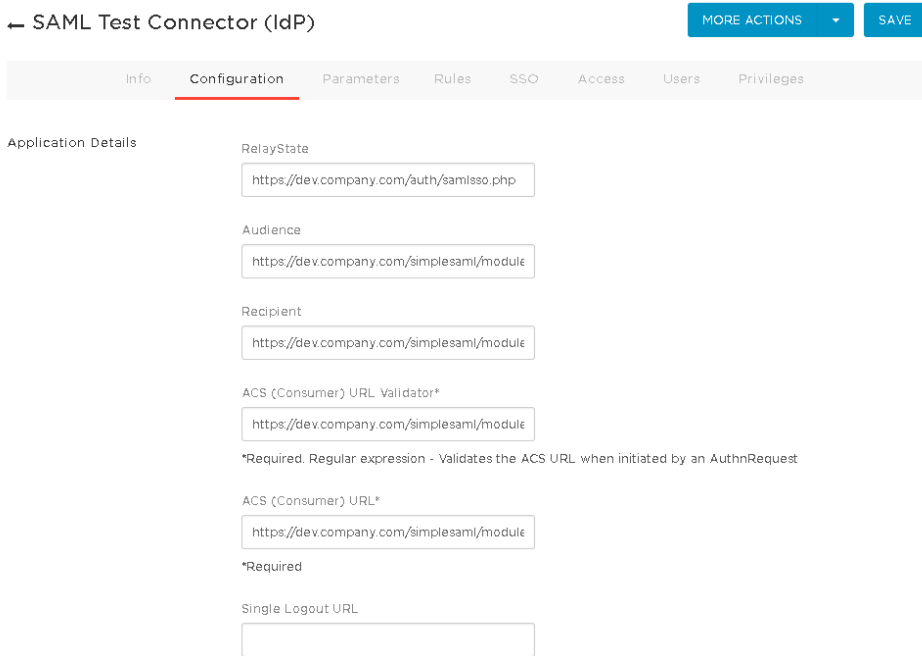
1. Login into OneLogin web UI
2. Click on Apps Add Apps

3. Search for "saml test connector" and select the sample connector named "SAML Test Connector (IdP)".



4. In the add screen, enter a name to the connector. For example, something like "FileCloud Connector". Click "Save".
5. Open the created connector and switch to "Configuration" tab.
6. Assuming your FileCloud URL is "https://dev.company.com", fill the following values in the configuration tab.

Configuration	Value
RelayState	https://dev.company.com/auth/samlso.php
Audience	https://dev.company.com/simplesaml/module.php/saml/sp/metadata.php/default-sp
Recipient	https://dev.company.com/simplesaml/module.php/saml/sp/saml2-acs.php/default-sp
ACS (Consumer) URL Validator*	https://dev.company.com/simplesaml/module.php/saml/sp/saml2-acs.php/default-sp
ACS (Consumer) URL*	https://dev.company.com/simplesaml/module.php/saml/sp/saml2-acs.php/default-sp



7. Once the configuration tab is completed, switch to "Parameters" tab.
8. Add the following four parameters:

--	--	--	--

Field name	Flags	Value
givenName	Include in SAML accertion	First Name
mail	Include in SAML accertion	Email
sn	Include in SAML accertion	Last Name
uid	Include in SAML accertion	Username

New Field

Field name

This is the name of the field in the application's API

Flags

Include in SAML assertion

Multi-value parameter

CANCEL SAVE

← SAML Test Connector (IdP)
MORE ACTIONS
SAVE

Info
Configuration
Parameters
Rules
SSO
Access
Users
Privileges

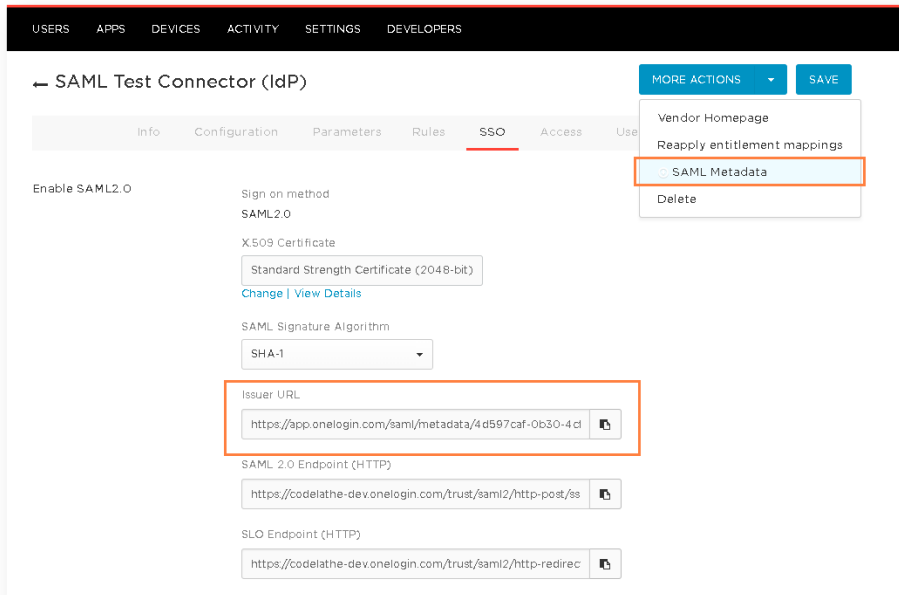
Credentials are

Configured by admin Configured by admins and shared by all users

SAML Test Connector (IdP) Field	Value	Add parameter
NameID (fka Email)	Email	
givenName	First Name	custom parameter
mail	Email	custom parameter
sn	Last Name	custom parameter
uid	Username	custom parameter

9. Save these changes. Once the save is complete, switch to SSO tab.
10. In the SSO tab, note "Issuer URL".

11. Download the metadata file from "More Actions" "SAML Metadata".




12. Finally, add users to the newly created "FileCloud Connector" either individually or as group.

Integrate FileCloud with OneLogin SSO

1. Login into FileCloud admin UI.
2. Navigate to Settings SSO tab.
3. Select default SSO type to be SSO.
4. Use the following table to fill the SAML configuration.

SAML Settings	Value
IdP Endpoint URL	"Issuer URL" noted in the previous section in OneLogin SSO tab
IdP Username Parameter	uid
IdP Email Parameter	mail
IdP Given Parameter	givenName
IdP Surname Parameter	sn
IdP Meta Data	Copy and the paste the contents of SAML metadata from OneLogin web UI.

Single Sign On (SSO) Settings

Default SSO Type 
Specify the Single Sign On Type

SAML Settings

IdP End Point URL
URL of the Identity Provider that the Service Provider must contact.

IdP Username Parameter
Username Parameter Name in Identity Provider

IdP Email Parameter
Email Parameter Name in Identity Provider

IdP Given Name Parameter
Given Name Parameter Name in Identity Provider

IdP Surname Parameter
Surname Parameter Name in Identity Provider

IdP Meta Data

```
<SingleSignOnService
Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-
POST" Location="https://codelathe-
dev.onelogin.com/trust/saml2/http-post/sso/831866"/>
<SingleSignOnService
Binding="urn:oasis:names:tc:SAML:2.0:bindings:SOAP"
Location="https://codelathe-
```

5. Save the changes