Integrate Okta with FileCloud

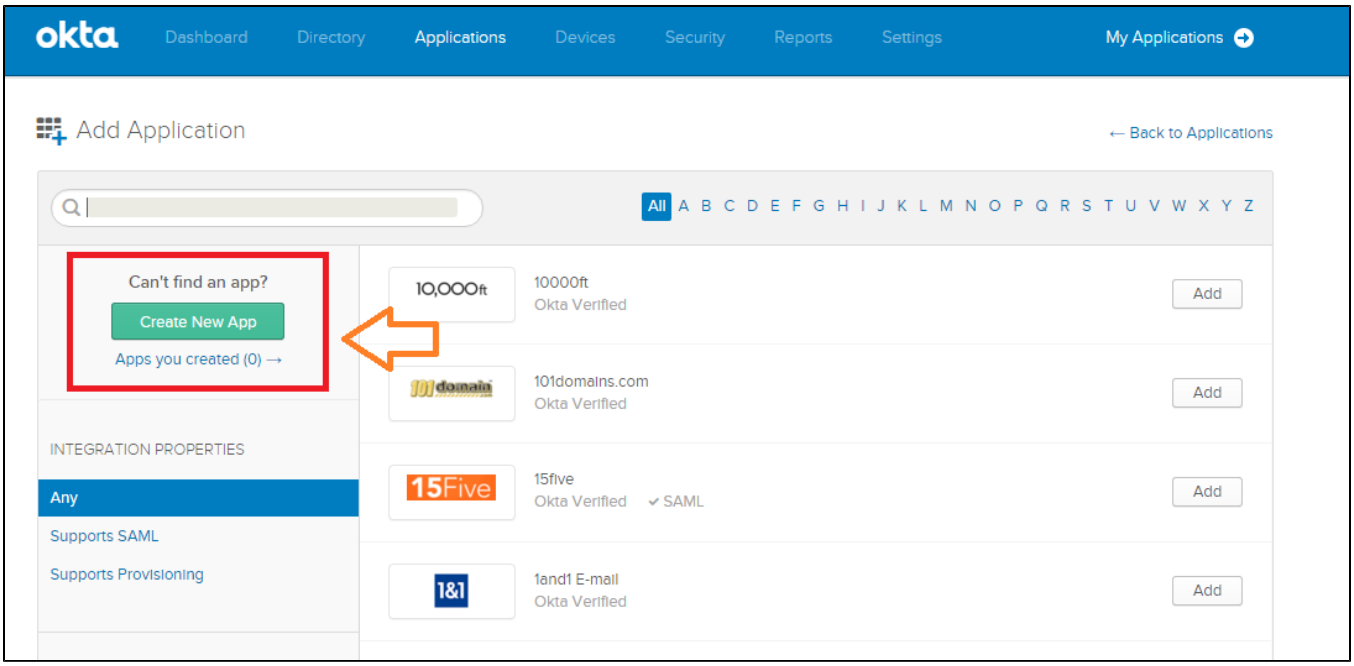
If you are looking to integrate with Okta browser plugin, please review our configuration guide: Integrate with Okta using browser plugin

FileCloud can be integrated with OKTA. The Okta must be configured as an Identity Provider (IdP) and FileCloud will act as the Service Provider (SP). The following steps must be followed to configure FileCloud with Okta.

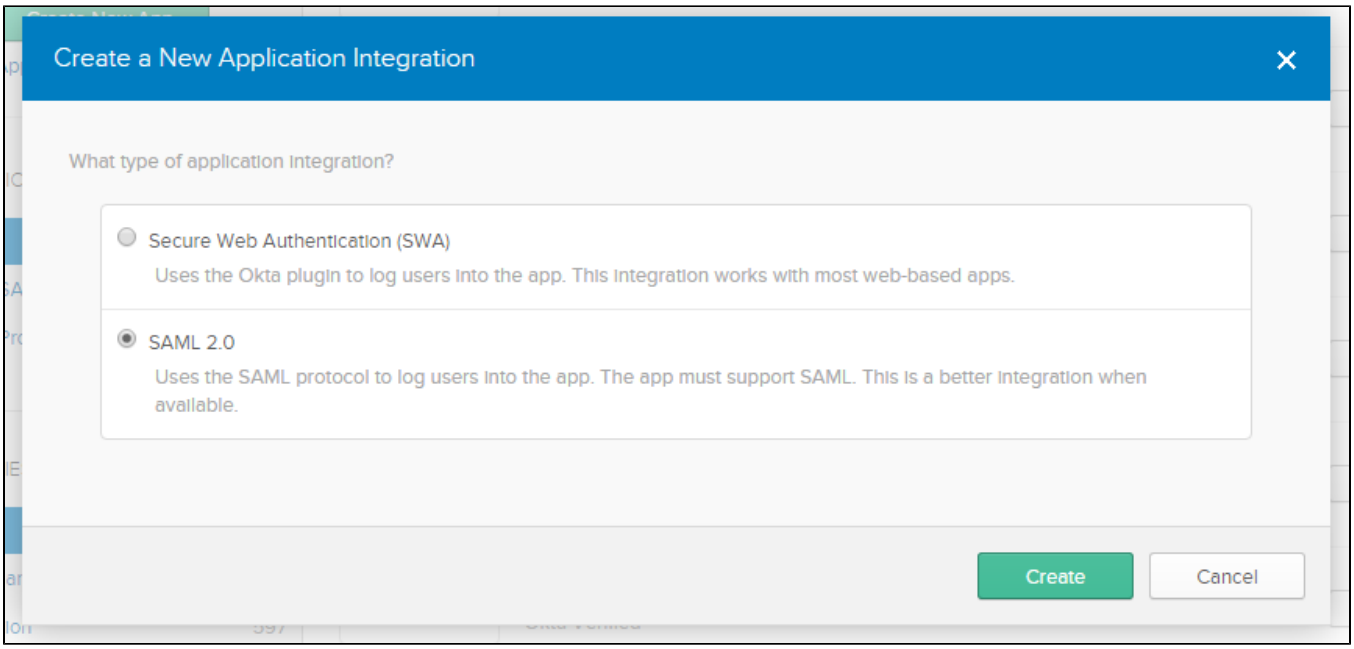
Log in to your Okta issued URL. http://yourdomain.okta.com

After successful login to Okta, go to the admin section

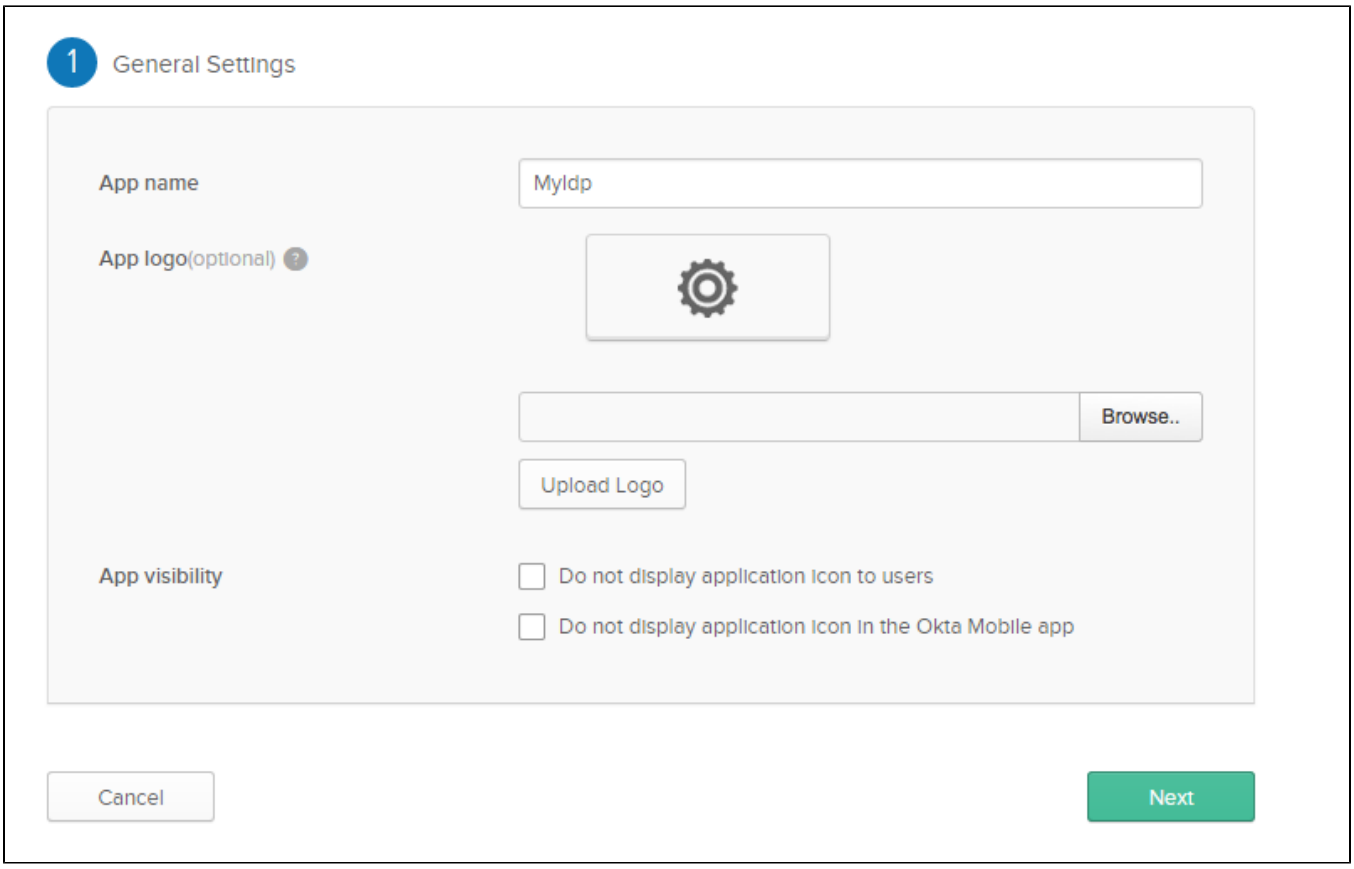
Create a new application as shown below



In the application type, select SAML 2.0



Configure the Application as follows.

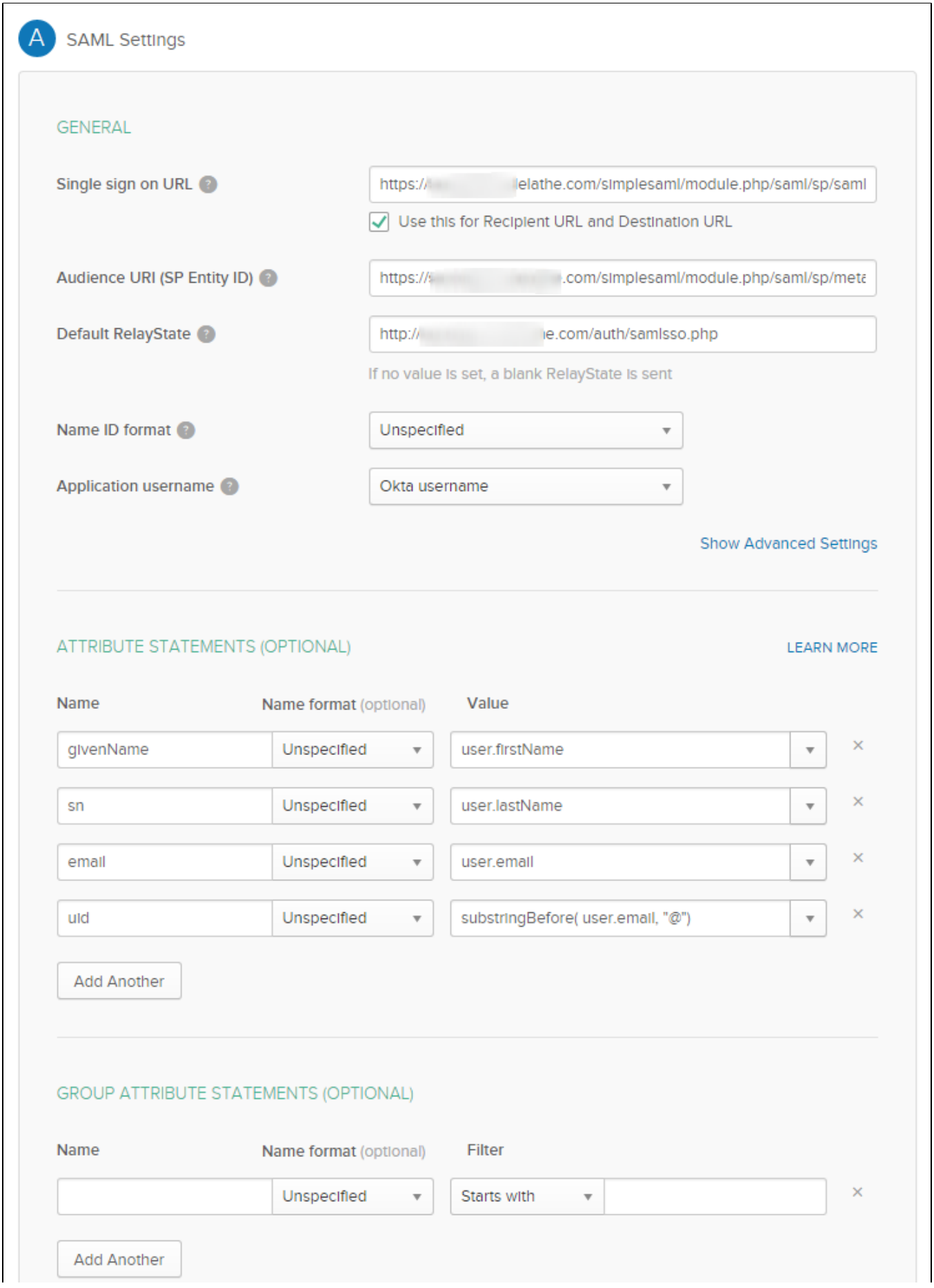


The single sign on URL is the FileCloud assertion URL http://<your domain>/simplesaml/module.php/saml/sp/saml2-acs.php/default-sp

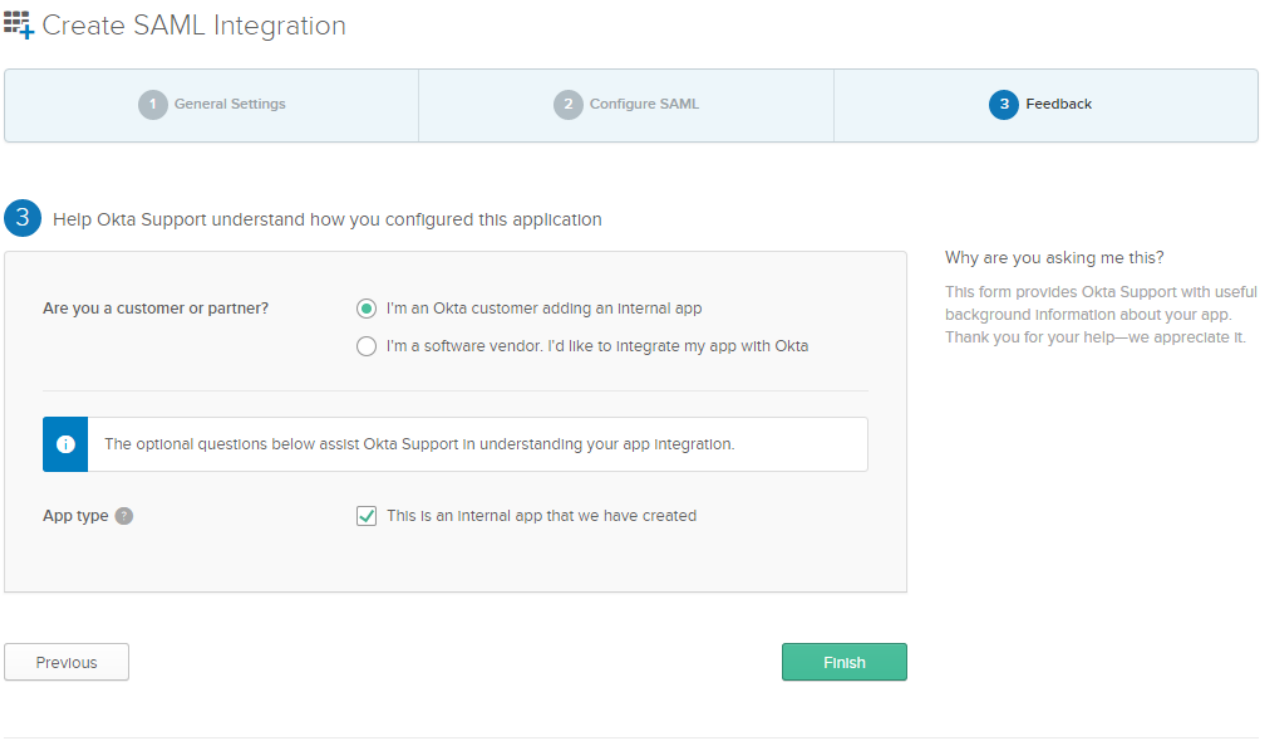
Entity ID is set as http://<your domain>/simplesaml/module.php/saml/sp/metadata.php/default-sp

Default Relay State is set as http://<your domain>/auth/samlsso.php

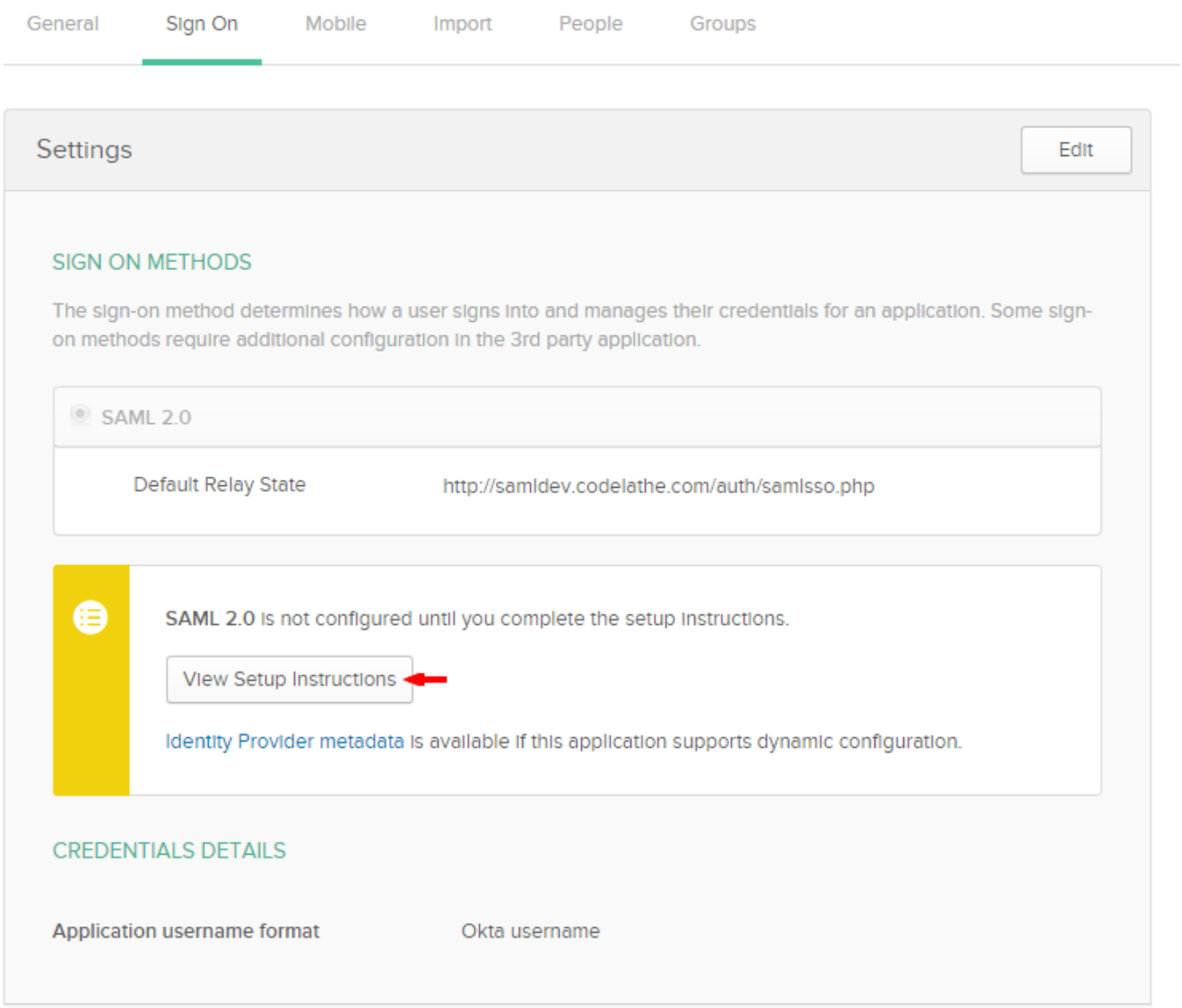
The attribute statements must be set as shown in the screenshot. These attribute names must match the names set in the FileCloud admin screen - Settings SSO parameters for Username, Email, Given Name and Surname.


A
SAML Settings
GENERAL
Single sign on URL
https://elathe.com/simplesaml/module.php/saml/sp/saml
Use this for Recipient URL and Destination URL
Audience URI (SP Entity ID)
https://.com/simplesaml/module.php/saml/sp/meta
Default RelayState
http://e.com/auth/samlsso.php
If no value is set, a blank RelayState is sent
Name ID format
Unspecified
Application username
Okta username
Show Advanced Settings
ATTRIBUTE STATEMENTS (OPTIONAL)
LEARN MORE
Name
Name format (optional)
Value
givenName
Unspecified
user.firstName
sn
Unspecified
user.lastName
email
Unspecified
user.email
uid
Unspecified
substringBefore(user.email, "@")
Add Another
GROUP ATTRIBUTE STATEMENTS (OPTIONAL)
Name
Name format (optional)
Filter
Unspecified
Starts with
Add Another

In the following screen set the FileCloud as an Internal App.



Click the FInish button. Click "View Setup Instructions" to get the details to configure FileCloud SSO.



Get the details to configure FileCloud from this screen.

a. Idp End Point URL in FileCloud admin (Settings) - Must be the same as the entity ID value from the IDP Meta Data value in the screen (See Screen Shot below)

b. Download the Certificate. Copy the certificate file and remame to saml.crt. Copy this file in the FileCloud server in the following place <FileCloud WEB ROOT>/thirdparty/simplesaml/cert

c. The meta data in this screen must match the IdP meta data in FileCloud Admin Settings - SSO - Idp Metadata.

Copy the ENTITY ID field from the Metadata text box on OKTA and use that for Idp End Point URL in FileCloud admin UI interface.

How to Configure SAML 2.0 for Myldp Application

The following is needed to configure Myldp

1. Identity Provider Single Sign-On URL:

```
https://[redacted]okta.com/app/[redacted]yidp_1/exk35iur66HHsVzh70x7/sso/saml
```

2. Identity Provider Issuer:

```
http://www.okta.com/ex[redacted]
```

3. X.509 Certificate:

```
-----BEGIN CERTIFICATE-----
MIIDpjCCAo6gAwIBAgIGAVFoiC9+MA0GCSqGSIb3DQEBBQUAMIGTMQswCQYDVQQGEwJVUzETMBEG
A1UECAwKQ2FsaWZvcm5pYTEWMBQGA1UEBwwNU2FuIEZyYW5jaXNjbzENMAsGA1UECgwET2t0YTEU
MBIGA1UECwwLU1NPUHJvdmlkZXIxFDASBgNVBAMMC291dGxvb2s5MDAxMRwwGgYJKoZIhvcNAQkB
Fg1pbmZvQG9rdGEuY29tMB4XDTE1MTIwMzE1NDc1NFoXDTI1MTIwMzE1NDg1NFowgZMxCzAJBgNV
BAYTAlVTMRMwEQYDVQQIDApDYWxpZm9ybmlhMRYwFAYDVQQHDA1TYW4gRnJhbmNpc2NvMQ0wCwYD
VQQKDARPa3RhMRQwEgYDVQQLDAtTU09Qcm92aWRlcjEUMBIGA1UEAwwLb3V0bG9vazkwMDExHDAa
BgkqhkiG9w0BCQEWDWluZm9Ab2t0YS5jb20wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIB
AQC0bGfk2SmyIJCU8XhpUyaZGVrzG646fOaau7x/jOwyLr9223x8T3RI3FD4ncGMVRdXl6Q/MyN5
gi+gx/lMNHp+m+c0EuRRZ3t8gBJol6c++j/A82p4NuubAzan7U/NIenQUpNWZMe4J/IkC6+z1uV6
wZ1brKUcZ89jGAmLioDYJo56deatKoF1jLD+7chLEG2QdxRNI4NHYW/w1XzFaGugzC2g3dsK8LbT
Y7kJ5N7wPPESjTBE+h79LVMs4vQO1AXob89yI25sIdjSHfj4SuRKPUE72kvPlB6FaCzPUnig8B8H
A2Or/qPyQvyYdWLTcNgf6bshDDrN+3w8YgbPF+OxAgMBAAEwDQYJKoZIhvcNAQEFBQADggEBAHIW
HBfSrp04kjerzTNWdm7wGSxqjXNXYW/fQnqCdFh0A57mPl8L/k9zMDcG7MgAFMdgy/crIP/mDe/5
0VU9/L4OJqE12tajesr2AGqo82XacfgaXZ7c5IjpUcydJxRS0waibG+AEtzS8eyx/cS1tt66bVBA
JxG1GIBD/9M0cSUf8nkHd97UE7+RkFysmrFWKD1zNrek+Enemk5EGHLA/ssVWECTLhdlHCunkIe+
HiGBSrA0104gHqkMDWGxlnkHkHcSBhL1ffLUSYv6re8TokMCHxcC0BsRFfV2oEclJAPNL95ceGxg
PEkQjQX0aqIMQPm0h2NyRc36nx6TfUO9JXs=
-----END CERTIFICATE-----
```

Download certificate

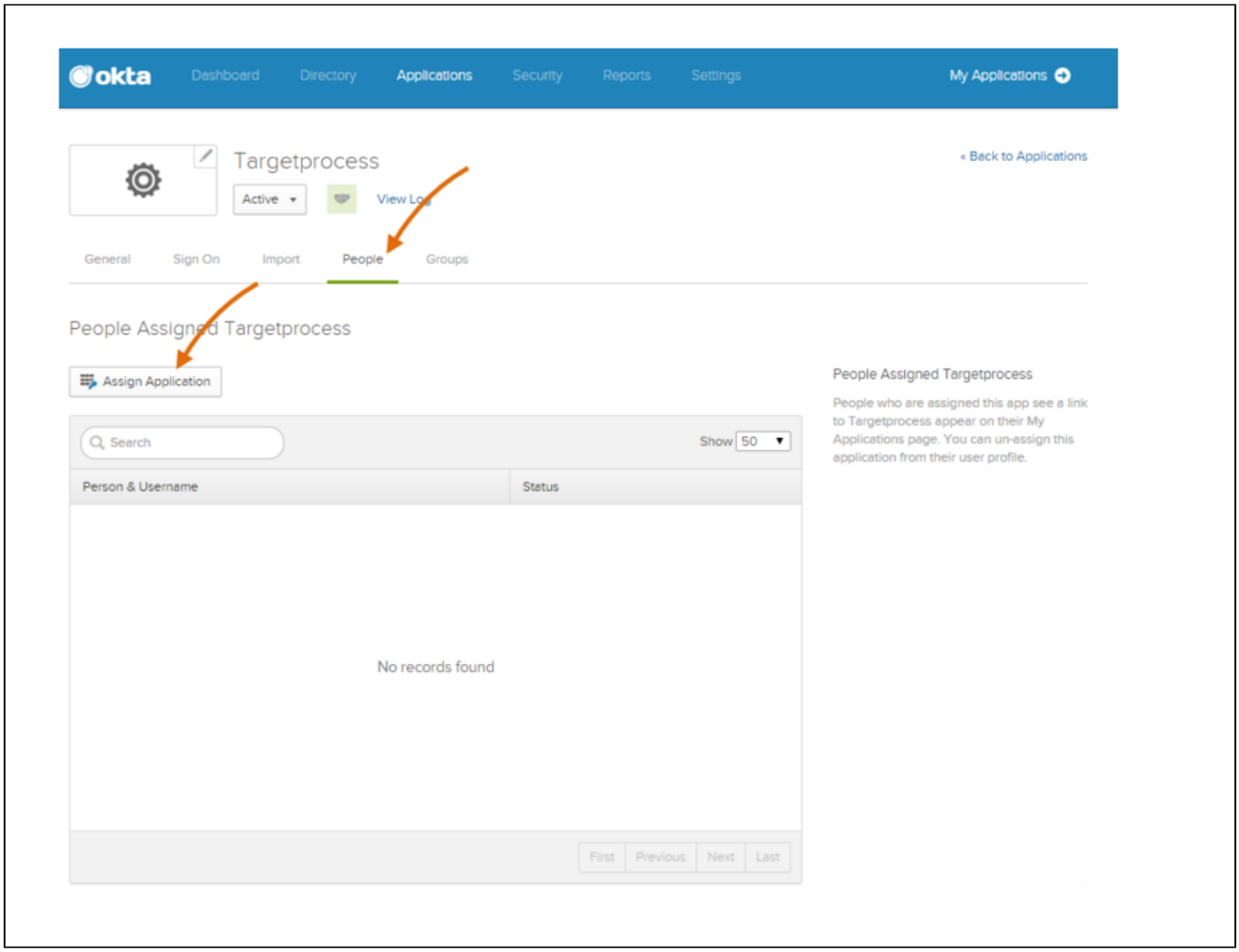
Optional

1. Provide the following IDP metadata to your SP provider.

```
<?xml version="1.0" encoding="UTF-8"?><md:EntityDescriptor xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata"
entityID="http://www.okta.com/exk35iur66HHsVzh70x7"><md:IDPSSODescriptor WantAuthnRequestsSigned="true"
protocolSupportEnumeration="urn:oasis:names:tc:SAML:2.0:protocol"><md:KeyDescriptor use="signing"><ds:KeyInfo
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"><ds:X509Data>
<ds:X509Certificate>MIIDpjCCAo6gAwIBAgIGAVFoiC9+MA0GCSqGSIb3DQEBBQUAMIGTMQswCQYDVQQGEwJVUzETMBE
G
A1UECAwKQ2FsaWZvcm5pYTEWMBQGA1UEBwwNU2FuIEZyYW5jaXNjbzENMAsGA1UECgwET2t0YTEU
MBIGA1UECwwLU1NPUHJvdmlkZXIxFDASBgNVBAMMC291dGxvb2s5MDAxMRwwGgYJKoZIhvcNAQkB
Fg1pbmZvQG9rdGEuY29tMB4XDTE1MTIwMzE1NDc1NFoXDTI1MTIwMzE1NDg1NFowgZMxCzAJBgNV
BAYTAlVTMRMwEQYDVQQIDApDYWxpZm9ybmlhMRYwFAYDVQQHDA1TYW4gRnJhbmNpc2NvMQ0wCwYD
VQQKDARPa3RhMRQwEgYDVQQLDAtTU09Qcm92aWRlcjEUMBIGA1UEAwwLb3V0bG9vazkwMDExHDAa
BgkqhkiG9w0BCQEWDWluZm9Ab2t0YS5jb20wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIB
AQC0bGfk2SmyIJCU8XhpUyaZGVrzG646fOaau7x/jOwyLr9223x8T3RI3FD4ncGMVRdXl6Q/MyN5
gi+gx/lMNHp+m+c0EuRRZ3t8gBJol6c++j/A82p4NuubAzan7U/NIenQUpNWZMe4J/IkC6+z1uV6
wZ1brKUcZ89jGAmLioDYJo56deatKoF1jLD+7chLEG2QdxRNI4NHYW/w1XzFaGugzC2g3dsK8LbT
Y7kJ5N7wPPESjTBE+h79LVMs4vQO1AXob89yI25sIdjSHfj4SuRKPUE72kvPlB6FaCzPUnig8B8H
A2Or/qPyQvyYdWLTcNgf6bshDDrN+3w8YgbPF+OxAgMBAAEwDQYJKoZIhvcNAQEFBQADggEBAHIW
HBfSrp04kjerzTNWdm7wGSxqjXNXYW/fQnqCdFh0A57mPl8L/k9zMDcG7MgAFMdgy/crIP/mDe/5
0VU9/L4OJqE12tajesr2AGqo82XacfgaXZ7c5IjpUcydJxRS0waibG+AEtzS8eyx/cS1tt66bVBA
```

JxGlGlBD/9M0cSUf8nkHd97UE7+RkFysmrFWKD1zNrek+Enemk5EGHLA/ssVWECTLhdlHCunkle+

Add the user under the people tab in Okta.



The configuration from FileCloud side should be in 'Settings > sso' as follows (in 'idP End Point URL' you should make 'Identity Provider Issuer') :

SAML Settings

IdP End Point URL

[redacted]

URL of the Identity Provider that the Service Provider must contact.

IdP Username Parameter

uid

Username Parameter Name in Identity Provider

IdP Email Parameter

mail

Email Parameter Name in Identity Provider

IdP Given Name Parameter

givenName

Given Name Parameter Name in Identity Provider

IdP Surname Parameter

sn

Surname Parameter Name in Identity Provider

IdP Meta Data

[redacted]

Enter Identity Provider metadata in XML format.

Enable ADFS

NO

Specify if IdP is Active Directory Federation Service (ADFS)

User Login Token Expiration Match IdP Token Expiration

☐

If enabled, user authentication token will expire as specified by Identity Provider.

Log Level

DEV

Specify the Log Level (Use Dev only for testing)

Once the application is created and FileCloud is configured you can start using the Single Sign On with Okta from FileCloud