Foglight® 6.0.0

Integration with SAML 2.0 in Azure AD

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Legend

WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death

CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

IMPORTANT, **NOTE**, **TIP**, **MOBILE**, or **VIDEO:** An information icon indicates supporting information.

Foglight® 6.0.0 – Integration with SAML 2.0 in Azure AD
Updated – May, 2021
Version – 6.0.0

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Configure Foglight with Azure AD

NOTE: To use SAML SSO with Azure Active Directory (AAD), a Premium edition of AAD is required. Go to: https://azure.microsoft.com/en-us/pricing/details/active-directory/ for more details.

AAD requires HTTPs protocol, therefore Foglight's HTTP SAML login cannot be used on AAD. Foglight HTTPs SAML login supports either the IP address or the host name. For detailed configurations about IP or host name login, see Before you begin and Step 2: Configuring SAML SSO on AAD.

Before you begin

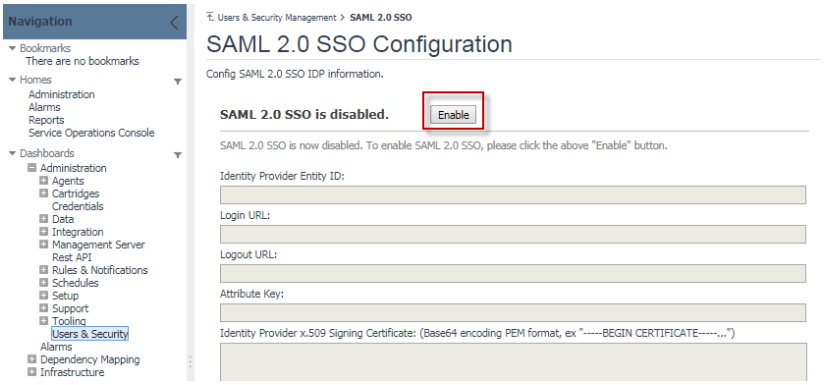
NOTE:

- If you are about to use SAML IP login, make sure to run the following command: "`-Dquest.saml.hostname=<foglight-server-ip>`" to start up your Foglight Management Server.
- When logging into your Foglight Management Server, make sure to keep using the same approach as what you configured during the SAML integrations. For example, if you set up the HTTPS SAML login using the IP address, you must log in to your Management Server with https://<foglight-server-ip>:<foglight-server-port>.

You need to enable SAML 2.0 SSO Configuration in your Foglight Management Server prior to setting up the SAML integration. Follow the steps below to enable SAML 2.0 SSO Configuration:

1. Log into the Foglight Management Server as Administrator.
2. Under **Dashboards**, click **Administration** > **Users & Security**, and then click **SAML 2.0 Integration Settings.** The *SAML 2.0 SSO Configuration* dashboard appears.

3 Click **Enable**.



4 Download the metadata file, which will be imported to Azure AD in Step 2: Configuring SAML SSO on AAD.

Get the metafile from the Foglight server URL:

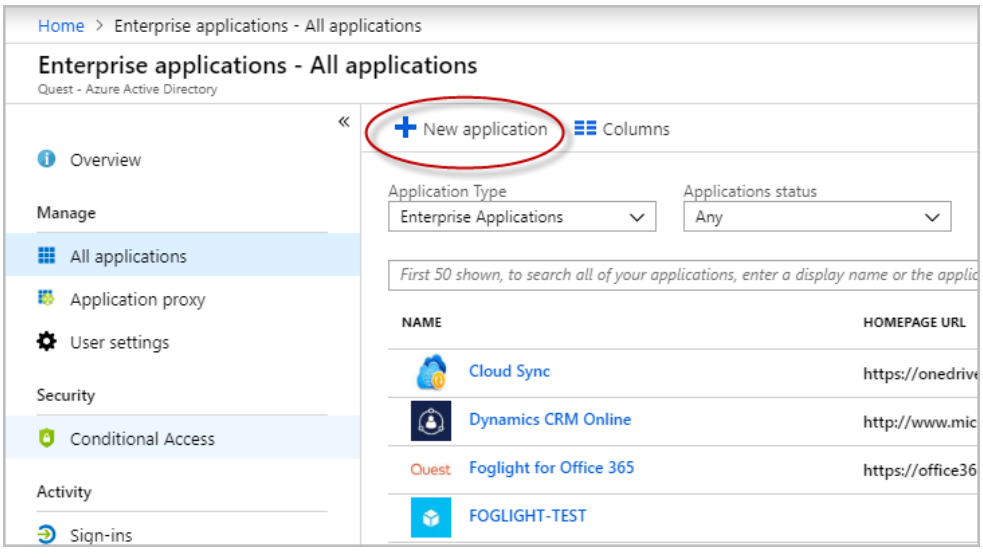
- IP logon: https://<foglight_server-ip>:<port>/console/saml2/metadata.xml
- Host name logon: https://<foglight_server-host-name>:<port>/console/saml2/metadata.xml

Step 1: Adding Enterprise Application in AAD

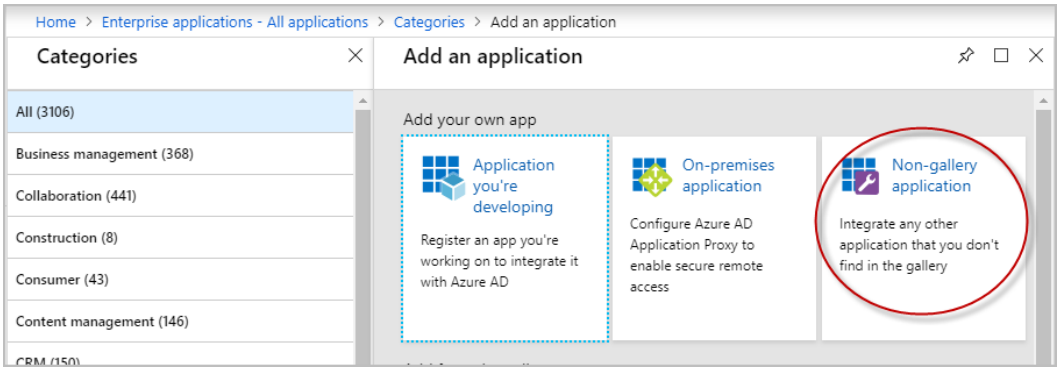
To add an Enterprise Application in AAD:

1 Go to: https://portal.azure.com/#blade/Microsoft_AAD_IAM/StartboardApplicationsMenuBlade/AllApps/menuId/

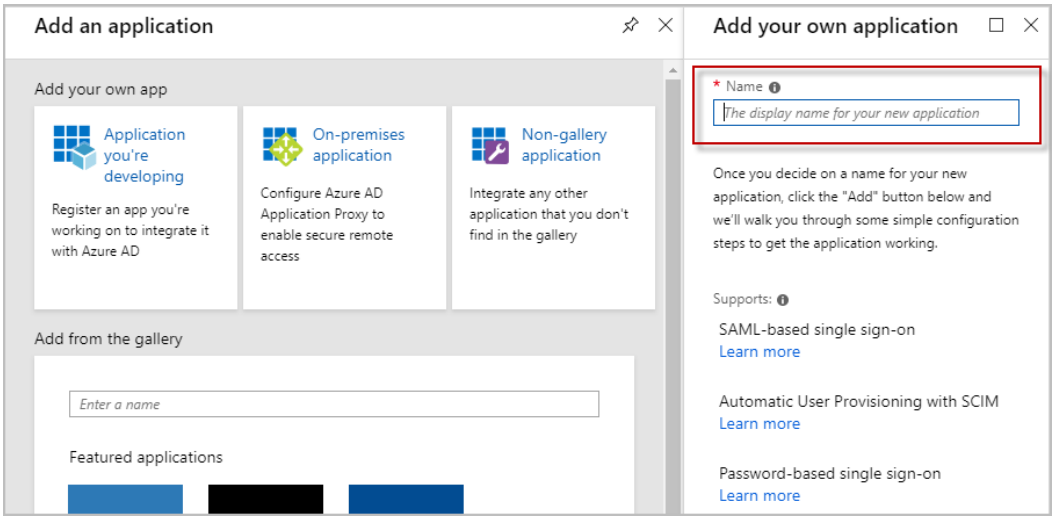
2 Click **New Application** as shown in the figure below.



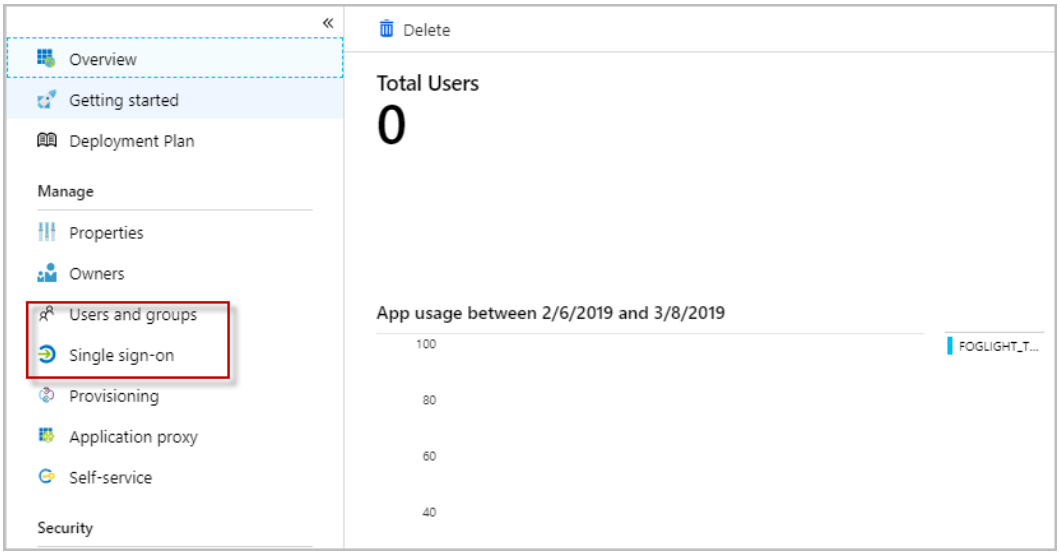
3 Then, click **Non-gallery application** as shown in the figure below.

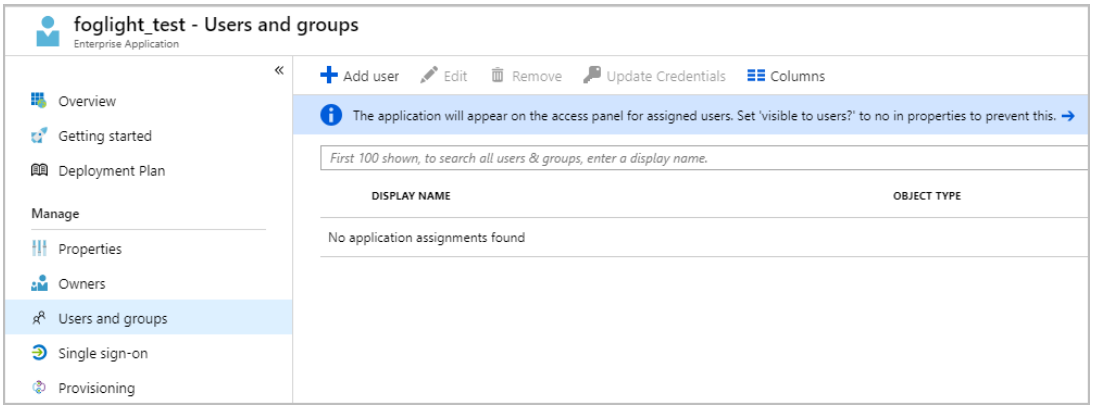


4 Input the Name of your application and click **Add**.



5 Click **Users and groups** to add a user or a group who needs an access to the application. The assigned user will be able to see the application on the access panel.

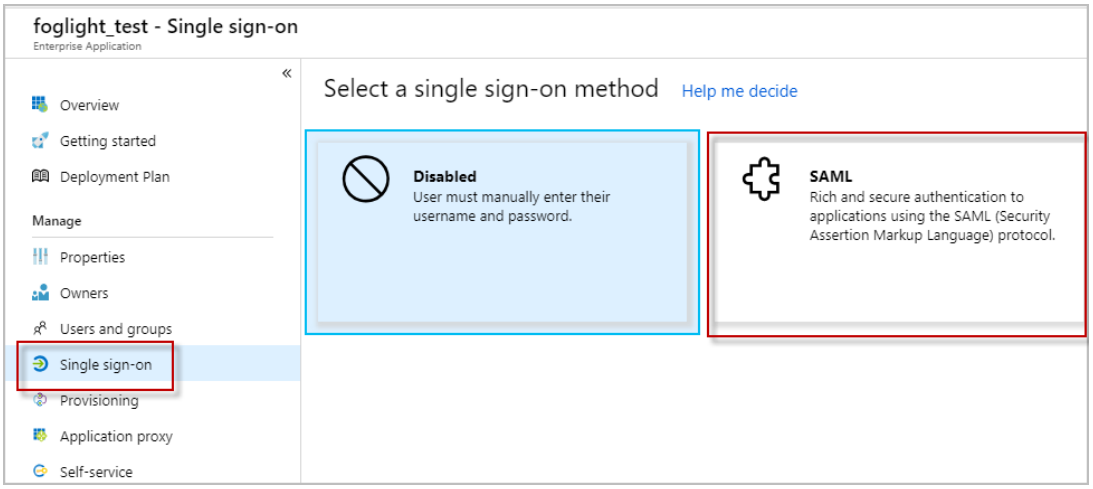


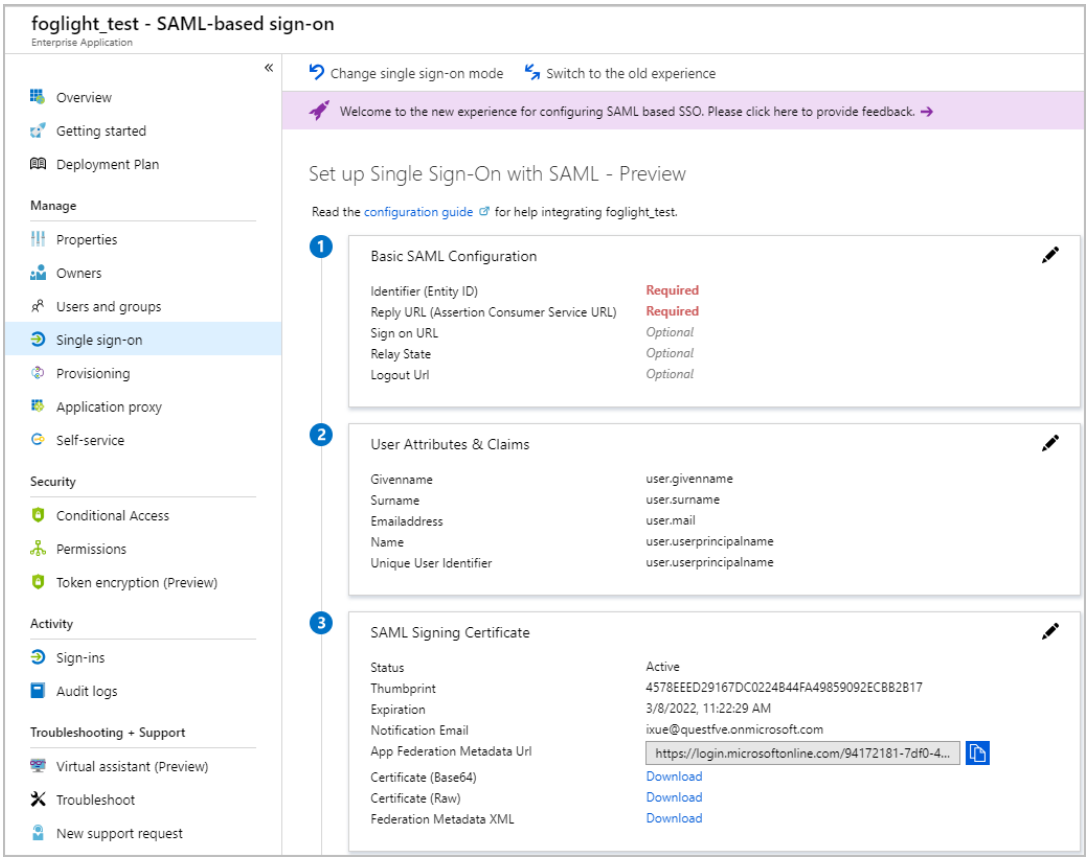


Step 2: Configuring SAML SSO on AAD

To configure SAML SSO on AAD:

1 Click **Single sign-on** > **SAML**. A *SAML-based sign-on* page will open.



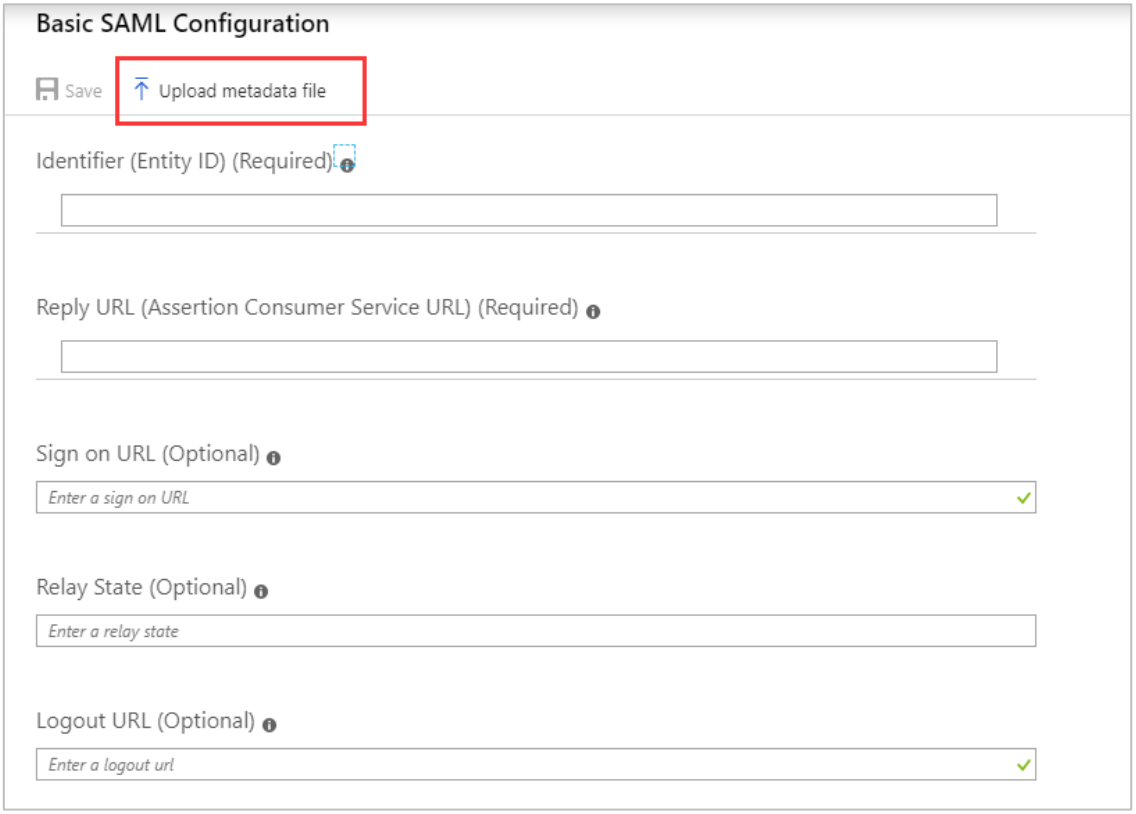

foglight_test - SAML-based sign-on
Enterprise Application
Overview
Getting started
Deployment Plan
Manage
Properties
Owners
Users and groups
Single sign-on
Provisioning
Application proxy
Self-service
Security
Conditional Access
Permissions
Token encryption (Preview)
Activity
Sign-ins
Audit logs
Troubleshooting + Support
Virtual assistant (Preview)
Troubleshoot
New support request
Change single sign-on mode
Switch to the old experience
Welcome to the new experience for configuring SAML based SSO. Please click here to provide feedback.
Set up Single Sign-On with SAML - Preview
Read the configuration guide for help integrating foglight_test.
1
Basic SAML Configuration
Identifier (Entity ID) Required
Reply URL (Assertion Consumer Service URL) Required
Sign on URL Optional
Relay State Optional
Logout Url Optional
2
User Attributes & Claims
Givenname user.givenname
Surname user.surname
Emailaddress user.mail
Name user.userprincipalname
Unique User Identifier user.userprincipalname
3
SAML Signing Certificate
Status Active
Thumbprint 4578EEED29167DC0224B44FA49859092ECBB2B17
Expiration 3/8/2022, 11:22:29 AM
Notification Email ixue@questfve.onmicrosoft.com
App Federation Metadata Url https://login.microsoftonline.com/94172181-7df0-4...
Certificate (Base64) Download
Certificate (Raw) Download
Federation Metadata XML Download

2 Click the edit icon on the upper right of **Basic SAML Configuration** section as shown in the figure above. Then, upload the Foglight SSO metadata file.

Identifier and *Reply URL* should be automatically filled.

Make sure the contents are as expected.

- IP login: https://<foglight-server-ip>:<foglight-ssl-port>/console/saml2/metadata.xml.
- Host name login: https://<foglight-server-host-name>:<foglight-ssl-port>/console/saml2/metadata.xml.

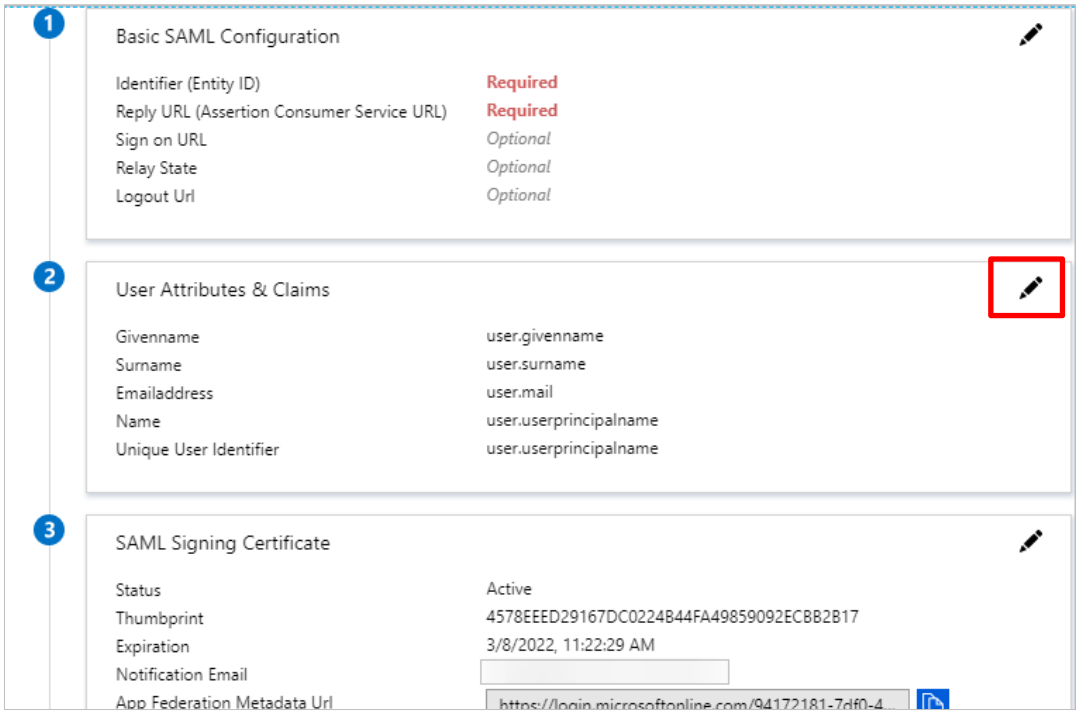


3 Click **Save**.

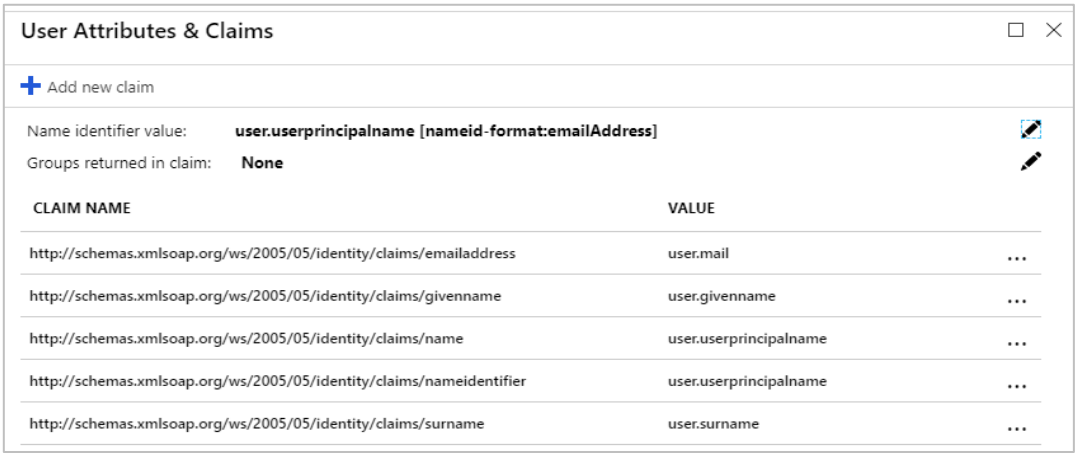
Step 3: Selecting Attribute Key

To select an attribute key:

1 In the *SAML-based sign-on* blade, click the edit icon on the upper right of *User Attributes & Claims* section.



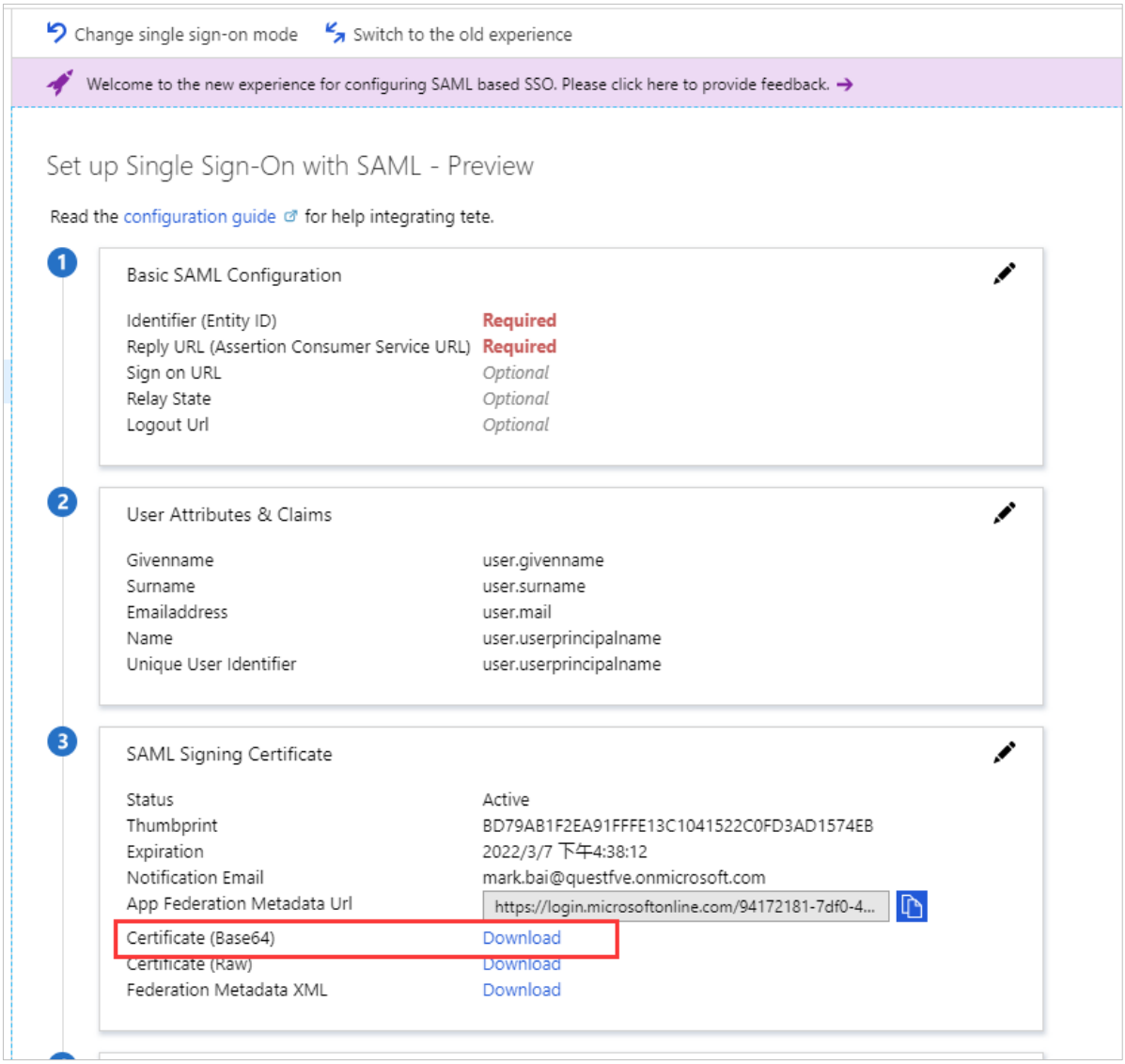
2 Record the **CLAIM NAME** you want to use, which will be needed later in Step 5.



Step 4: Exporting the Certificate

To export the certificate:

1 In the *SAML-based sign-on* blade, click the Download link of Certificate (Base64) in *SAML Signing Certificate* section.



2 Open the downloaded certificate file as a text file, which will be needed in Step 5.

Step 5: Setting up SAML in Foglight

To set up SAML in Foglight Management Server:

1. Log in to the Foglight Management Server as Administrator.
2. Under **Dashboards**, click **Administration** > **Setup** > **SAML 2.0 SSO**. The SAML 2.0 SSO Configuration dashboard appears.
3. Click **Edit Settings** and configure the SAML settings as below.
   a) *Identity Provider Entity ID*: The value is in AAD *SAML-based sign-on* blade section 4, marked as *Azure AD Identifier*.
   b) *Login URL*: The value is in AAD *SAML-based sign-on* blade section 4, marked as *Login URL*.
   c) *Logout URL*: The value is in AAD *SAML-based sign-on* blade section 4, marked as *Logout URL*.
   d) *Attribute Key*: It is the CLAIM NAME you chose in Step 3. For example, it can be http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name.
   e) *Identity Provider x.509 Signing Certificate*: Copy the content of the certificate file exported in Step 4: Exporting the Certificate.
4. Click **Apply Configuration** to save the configuration.

Then, the configuration of integrating SAML 2.0 SSO with the Foglight Management Server in AAD is completed.

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- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.