

Part 1: Installing and Configuring ADFS

Pre-Installed Environment Used

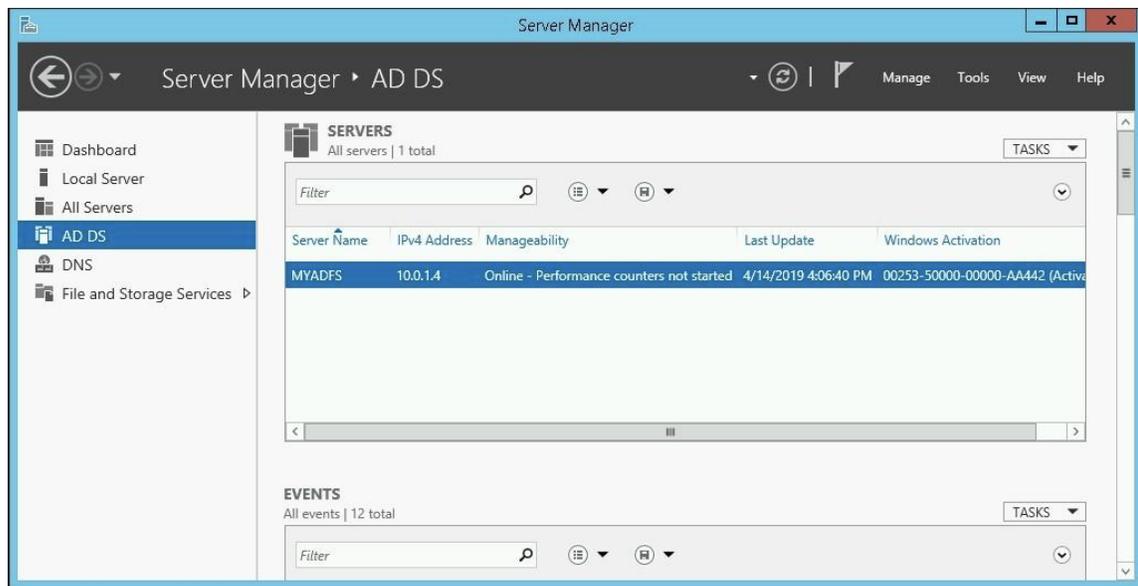
- Windows Server 2012 R2
- Active Directory Domain Services

In order to provide Single Sign-On using SAML, you will need to install/run *Active Directory Federated Services (ADFS)*. This guide walks through the installation of ADFS on a self-hosted Windows Server running Active Directory Domain Services.

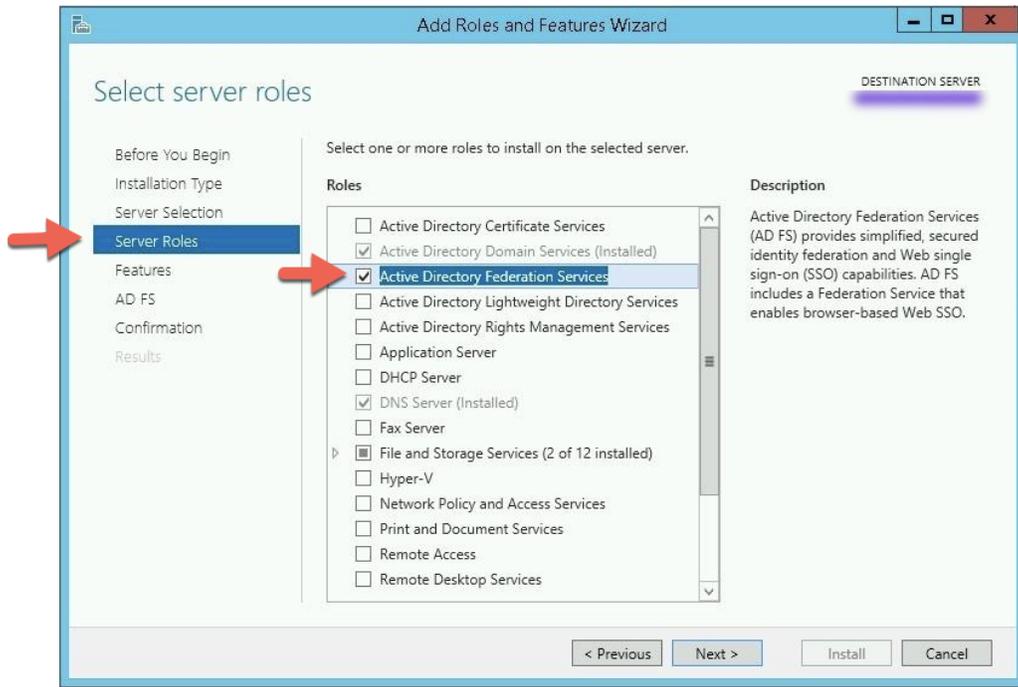
(If your server is already running ADFS, see “Part 2: Configuring Self-Hosted Active Directory SAML with Omnilert” for a step-by-step guide to setting up ADFS as a SAML Identity Provider (IdP) for use with Omnilert’s Shibboleth/SAML Service Provider.)

Installing ADFS

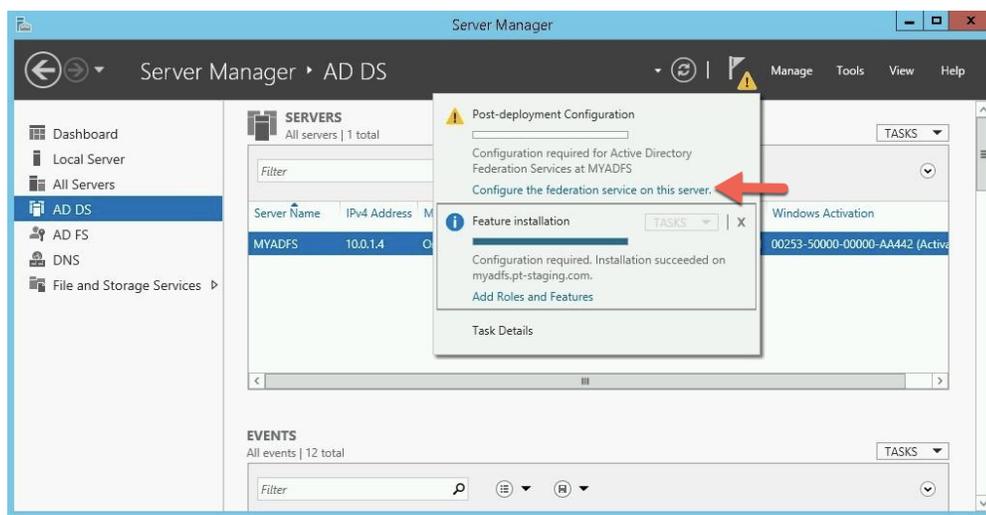
1. The image below shows the Operating System and Active Directory Domain Services is installed on the same system.



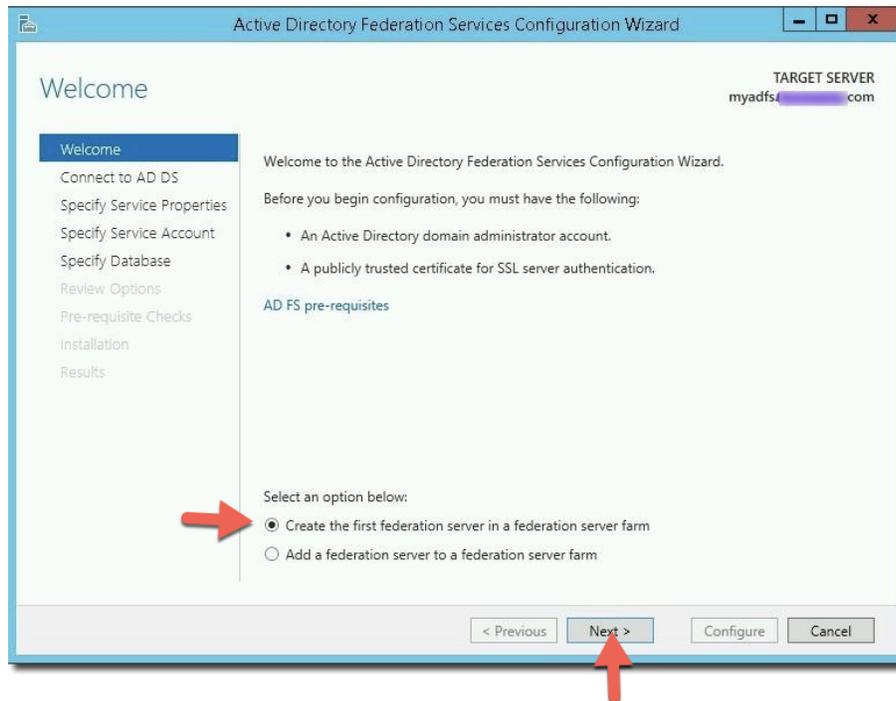
- Go to **Manage > Add Roles and Features**. Select **Active Directory Federation Services** on Server Roles Screen. Then Click **Next > Install**.



- Once the installation is completed, you'll see a notification on the **Server Manager** screen for **Post Deployment Configuration** for Federation Service. Click "**Configure the federation service on this server**"

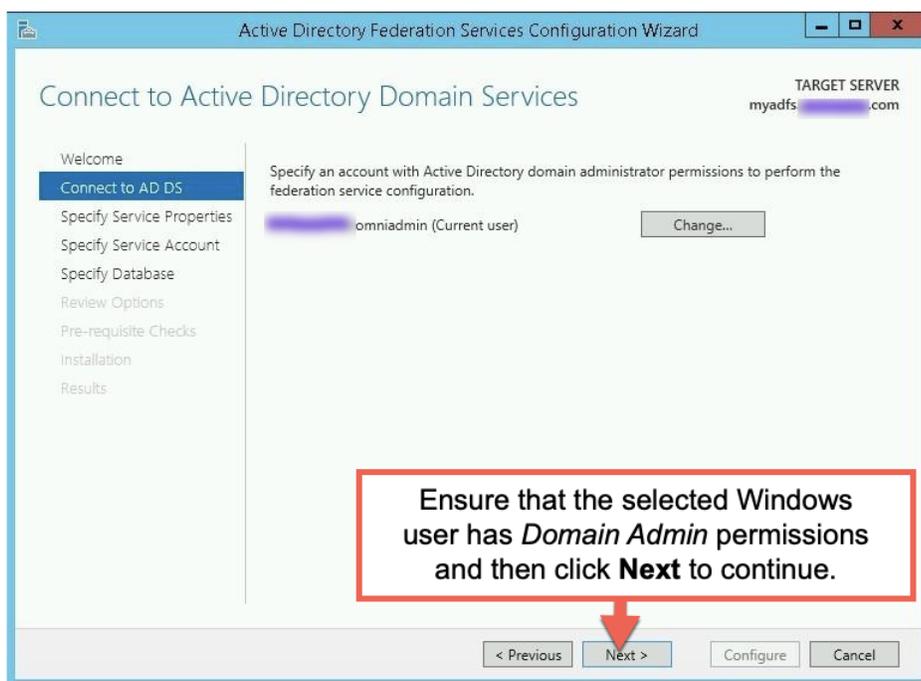


4. On **Active Directory Federation Services Configuration Wizard** > Select **Create the first federation server in federation server farm** > **Next**

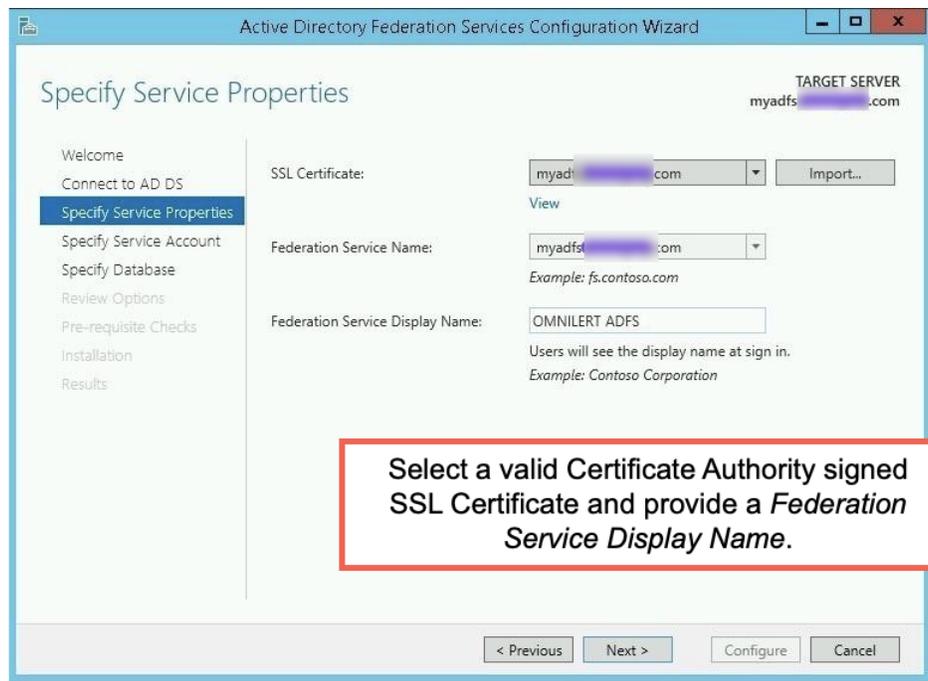


5. The **Connect to Active Directory Domain Services** screen will display the user currently logged in. Please note *Domain Admin* permission is required to perform this configuration if you are selecting any other user.

Click **Next** to continue...

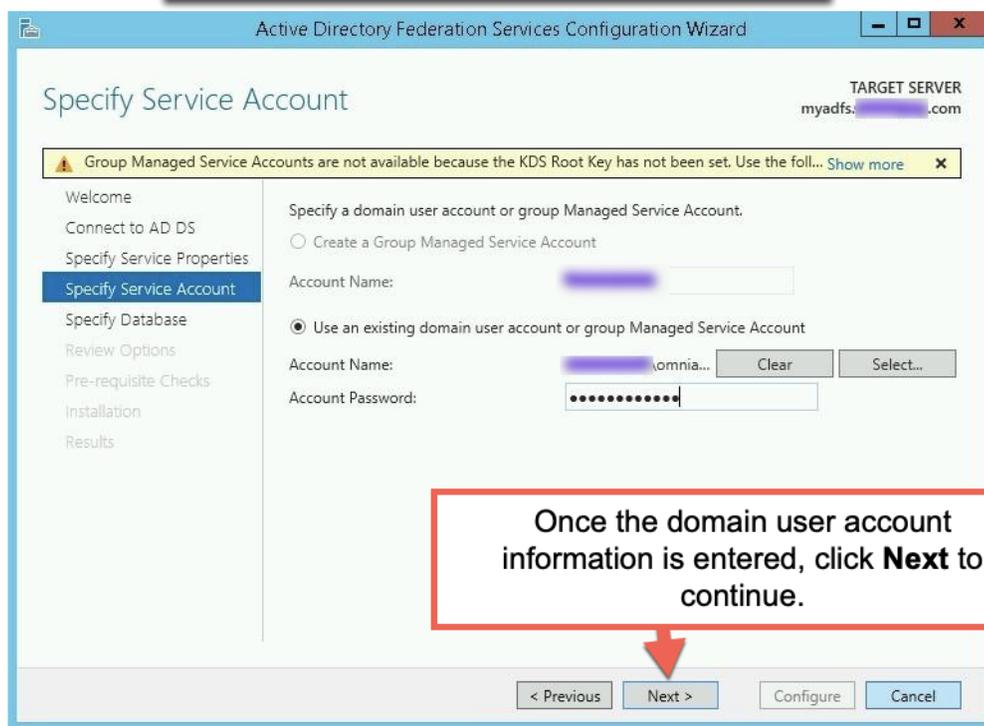
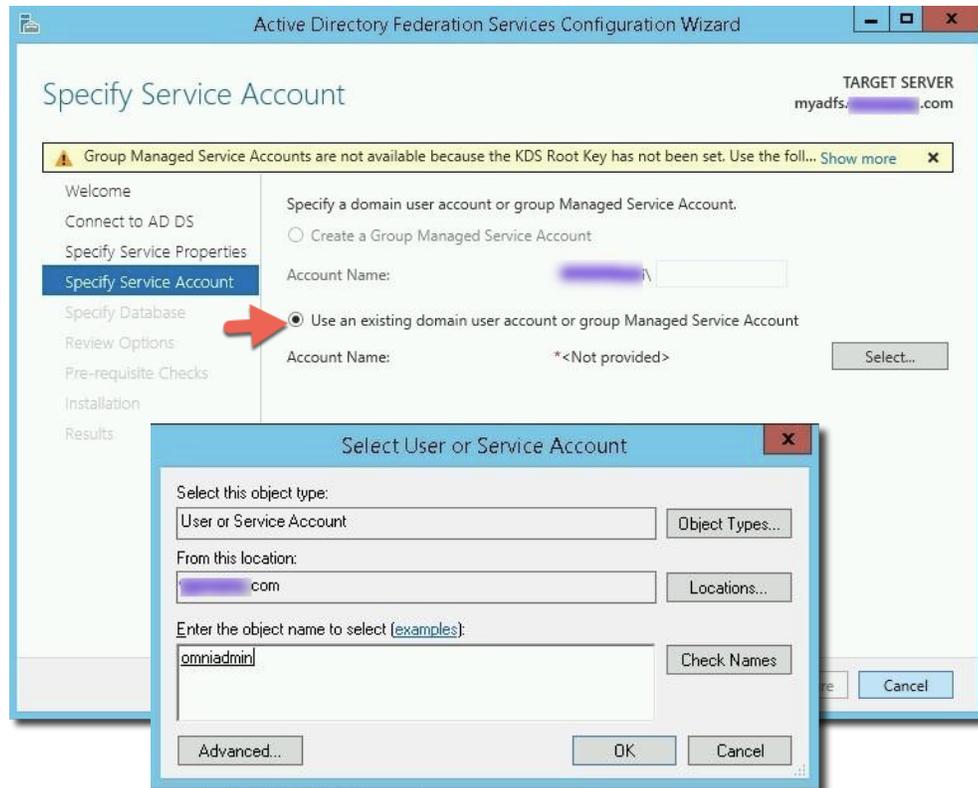


6. On **Specify Service Properties** > Select **SSL Certificate** provided by a valid Certification Authority then provide **Federation Service Display Name**.

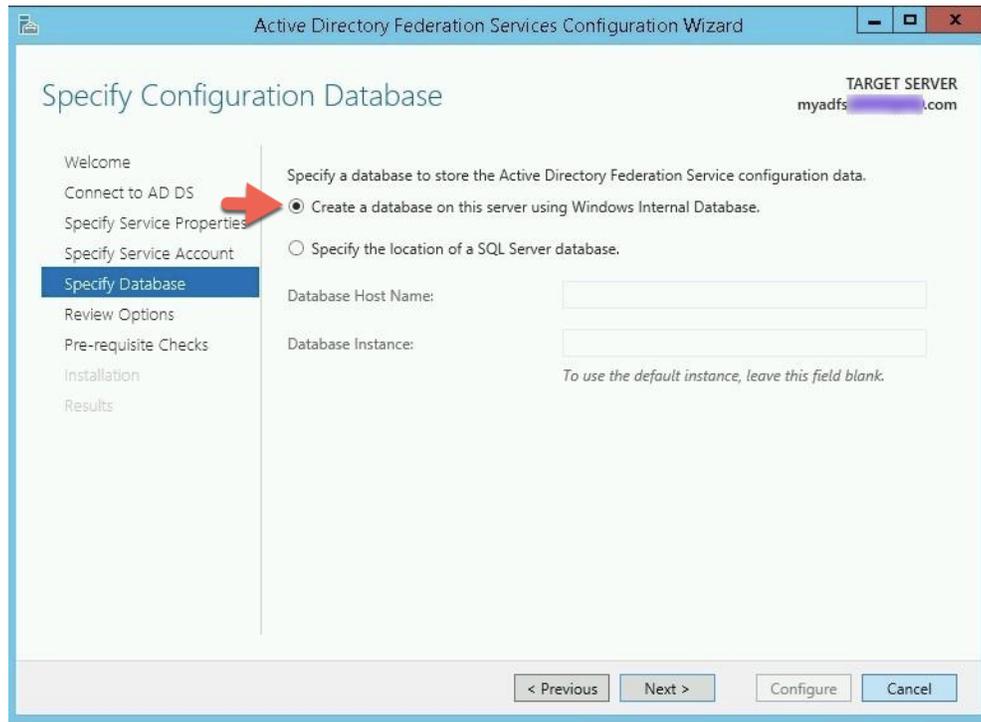


Note: Omnilert requires a **Certificate Authority** signed SSL cert. Self-signed certs are not accepted.

7. On **Specify Service Account** > select **Use existing domain user account or Managed Service Account**. Select the user and provide the account password.

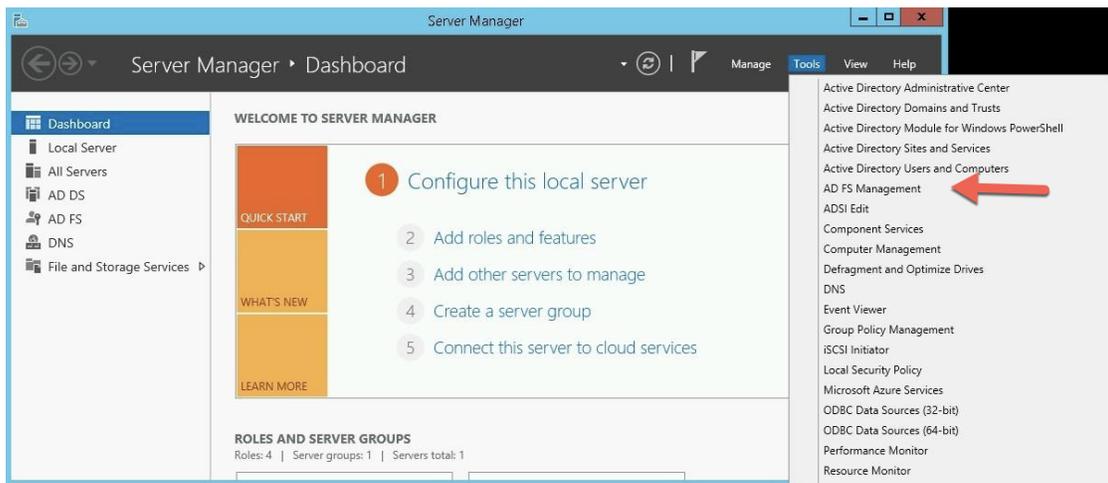


8. On **Specify Configuration Database** > Select **Create a database on this server using Windows Internal Database**



9. Click **Next > Install** after **Review Options** and **Pre-requisite Checks**.

10. Once the installation has succeeded you will see “AD FS Management” in Tools on Server Manager Screen.

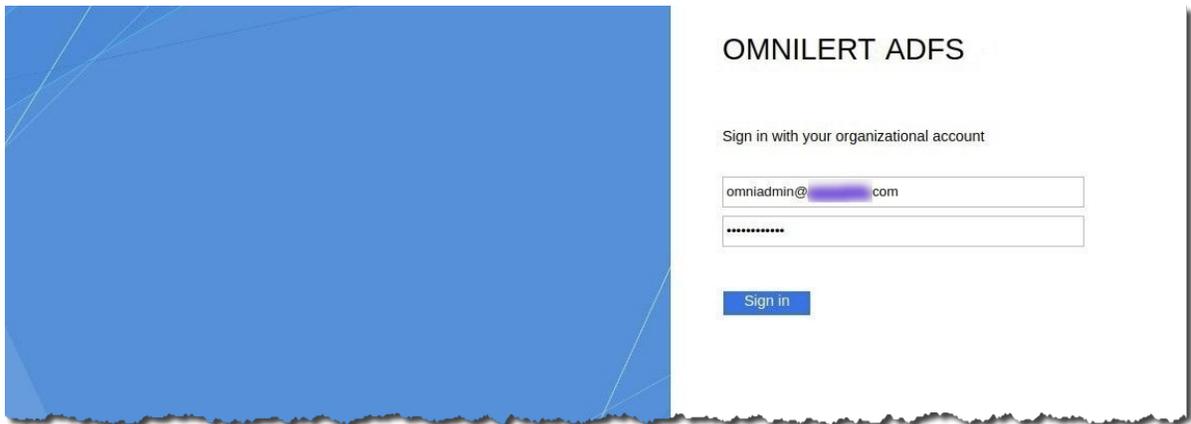


Checking Configuration of ADFS

After installing *Active Directory Federation Service* a *SignOn* page is created by the Federation Service. Users will be redirected to initiate a sign-on, but first we'll confirm if we are able to access the page and sign in successfully.

URL : `https://<YOUR-FQDN>/adfs/ls/idpinitiatedsignon`

Access the URL and provide any user account and password to sign in.



If successful, you will see a result similar to the following:



If you are **not** able to access the page, please check and set the properties below by using Windows Powershell with elevated rights.

```
Get-AdfsProperties | Select-Object EnableIdpInitiatedSignonpage
```

If the above command shows value False:

```
Set-AdfsProperties -EnableIdpInitiatedSignonPage $True
```

And then recheck the URL.

Important Links of ADFS Service:

You will need to send the Federation Metadata URL to Omnilert Support (support@omnilert.com)

Federation Metadata

- <https://<YOUR-FQDN>/federationmetadata/2007-06/federationmetadata.xml>
1

The following items are used within your Omnilert Single Sign-On settings.

Federation EntityID

- <https://<YOUR-FQDN>/adfs/services/trust>

Federation Login Page

- <https://<YOUR-FQDN>/adfs/ls/idpinitiatedsignon>

Federation Logout Page

- <https://<YOUR-FQDN>/adfs/ls/?wa=wsignout1.0>

(Note: Adjust the URLs according to your local domain name)

Omnilert will use the **Federation EntityID** as the “**Identity Providers Entity**” and the Federation Logout Page as the “Logout redirect URL” in its settings.

Continue on to Part 2 to set up SAML for ADFS.

For Omnilert’s SAML settings, please see: <https://support.omnilert.com/hc/en-us/articles/115008509908>