Configuring Office 365

Office 365 has SP/IdP initiated flow, which is supported in NetScaler (12.1.).

Before you start, you need the following:

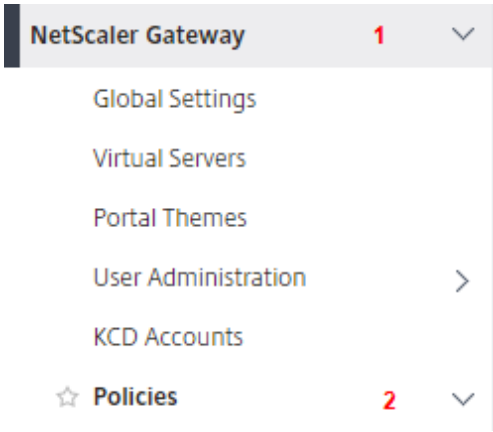
- Admin account for Office 365
- Admin account for NetScaler

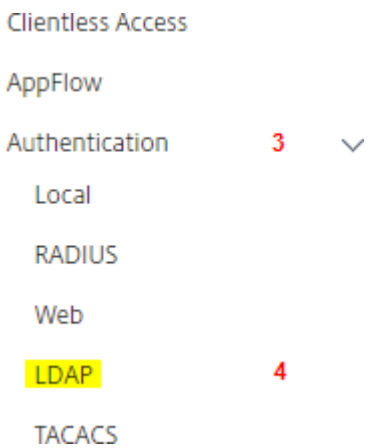
Office 365 Configuration

The Office 365 configuration steps are as follows:

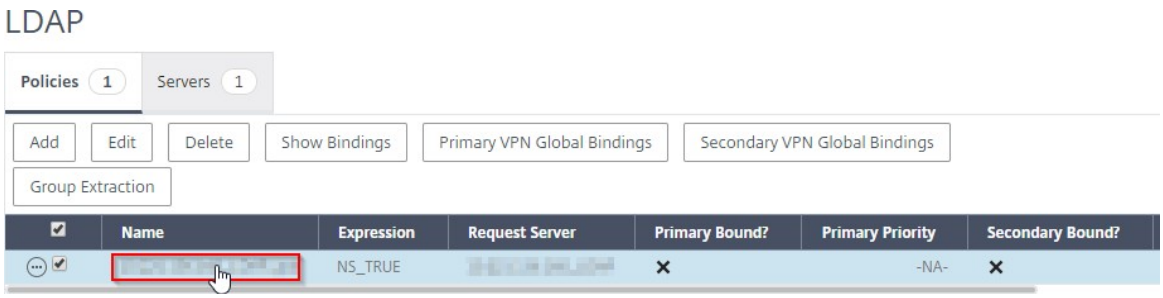
1. LDAP configuration in NetScaler
2. Configure Office 365 with the App Catalog.
3. NetScaler Configuration
4. Power Shell Configuration

Step 1: LDAP configuration in NetScaler

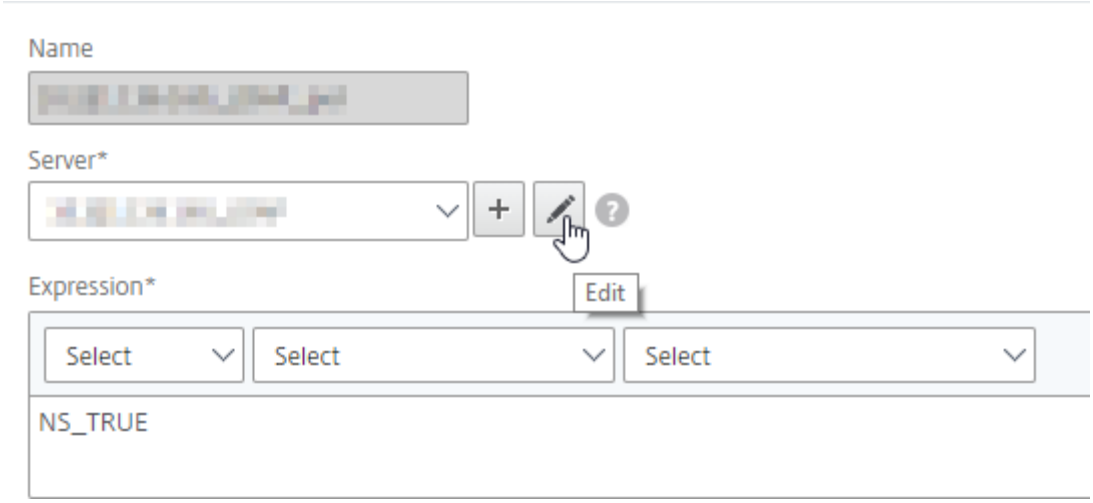




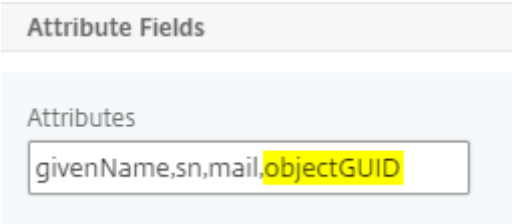
1. Click on **NetScaler Gateway > Policies > Authentication > LDAP**



2. **LDAP** window will open **>** Click on it.



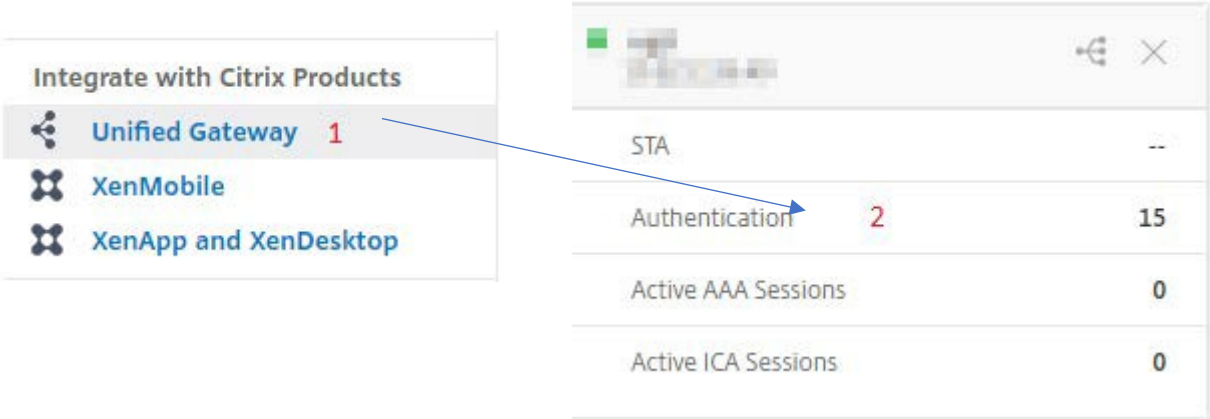
3. **Configure Authentication LDAP Policy** window will open **>** Click on edit, of the field **Server**.



4. **Configure Authentication LDAP Server** pop-up will open **>** Scroll down and add **objectGUID** in the **Attributes** field using comma in between.
5. Click **OK.**

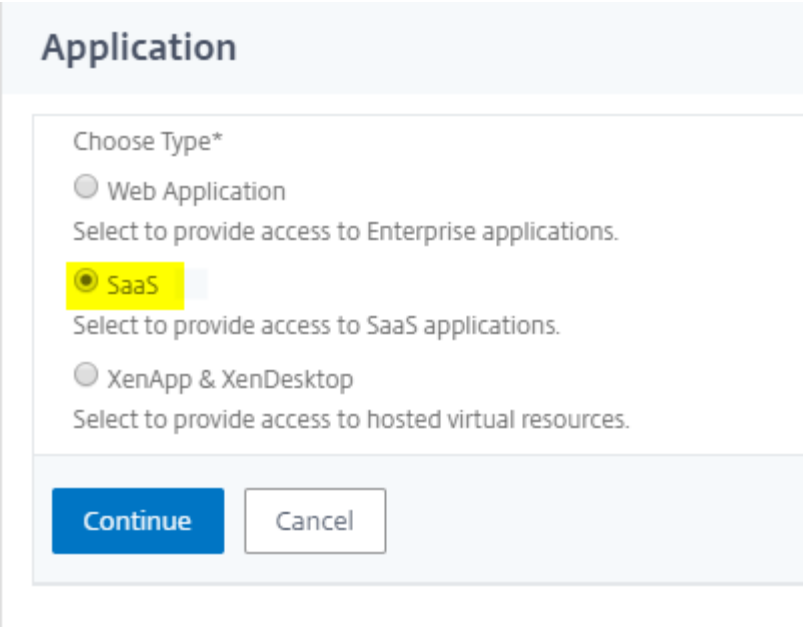
Step 2: Configure Office 365 with App Catalog

1. Click on **Unified Gateway > Authentication.**

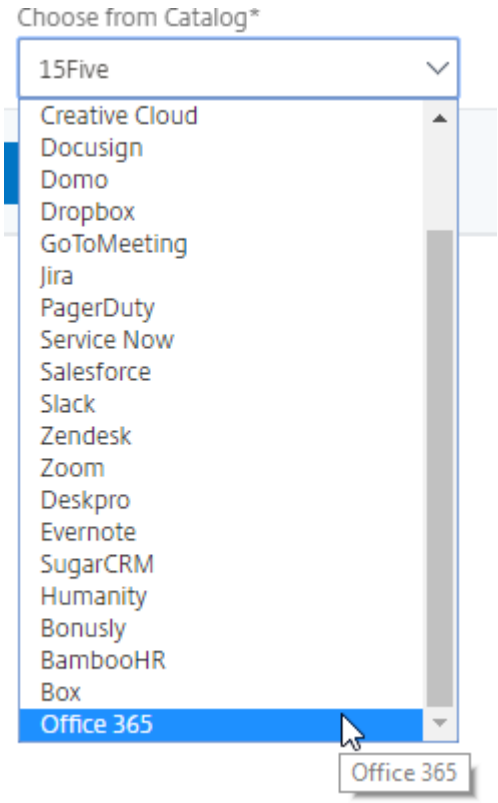


The **Unified Gateway Configuration** screen appears.

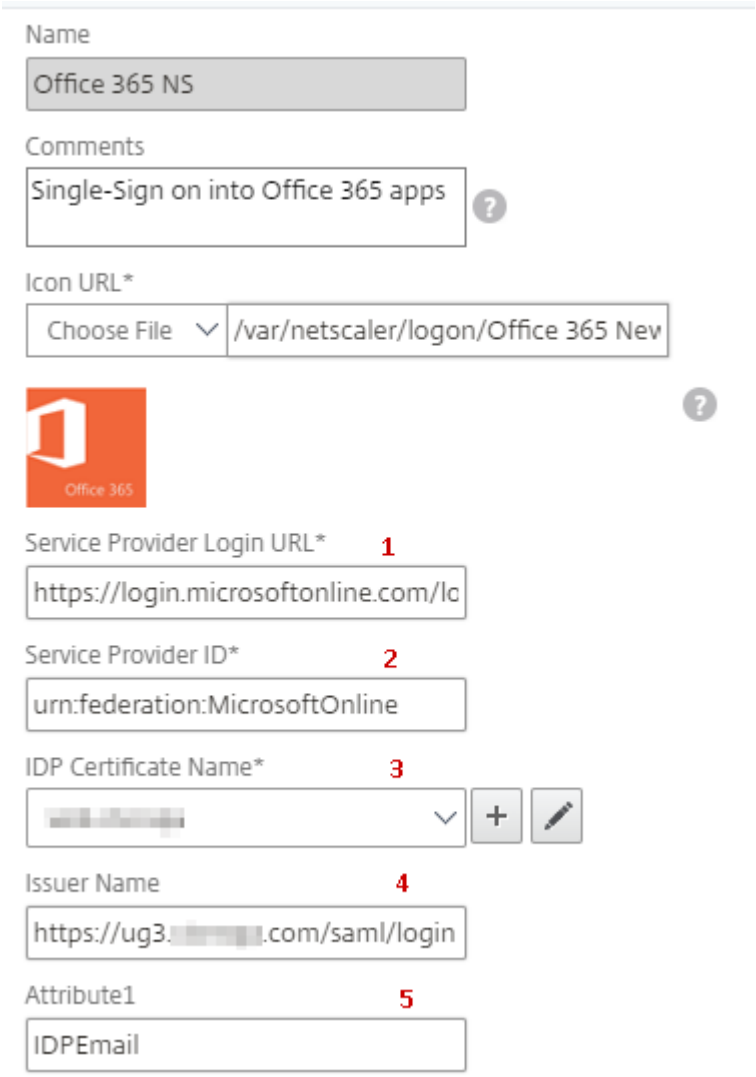
2. Go to **Applications** section. Click on icon. Now, you can see + **icon.** Click on it. The **Application** window appears.



3. Select **SaaS** from the Application type.
4. Select **Office 365** from the drop-down list.



5. Fill the application template with the appropriate values.



6. You must update the fields in NetScaler with the following values:

Field Name	Values
Service Provider ID	urn:federation:MicrosoftOnline
Signing Certificate Name	IdP certificate needs to be selected
Issuer Name	Issuer name can be filled as per your choice

7. After providing the required values, click **Continue.** Click **Done.**

Step 3: Office 365 Power Shell Configuration

Below Power Shell commands needs to be executed to complete the office 365 SSO setup.

1. Connect-MSolService will prompt for user credentials, provide an Office 365 administrative user's credentials.

   PS C:\Windows\system32> Connect-MsolService

2. Set the attributes for office 365

   PS C:\Windows\system32> $dom = "Domain Name"

   PS C:\Windows\system32> $fedBrandName = "Matched as of domain name"

   PS C:\Windows\system32> $url = "IdP logout url"

   PS C:\Windows\system32> $uri = "IdP saml login url"

   PS C:\Windows\system32> $ecpUrl = "IdP saml login url"

   PS C:\Windows\system32> $cert = New-Object System.Security.Cryptography.X509Certificates.X509Certificate2("<IdP public certificate location")

   PS C:\Windows\system32> $certData = [system.convert]::tobase64string($cert.rawdata)

3. Domain needs to be federated in order to enable SSO for office 365. Use below command to make the domain federated.

   PS C:\Windows\system32> Set-MsolDomainAuthentication -DomainName $dom –federationBrandName $fedBrandName -Authentication Federated -PassiveLogOnUri $uri -SigningCertificate $certData -IssuerUri $uri -ActiveLogOnUri $ecpUrl -LogOffUri $url -PreferredAuthenticationProtocol SAMLP