

# Set up Hybrid Access Gateway as identity provider to Nexus GO PDF Signing

This article describes how to set up access to [Nexus GO Signing](#) with [Nexus Hybrid Access Gateway](#) as identity provider (IDP).

The configuration is done in three steps: first preparation in Hybrid Access Gateway, then in Nexus GO PDF Signing and then configuration is completed in Hybrid Access Gateway.

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## Prerequisites

In Hybrid Access Gateway:

- [Installed Hybrid Access Gateway](#)
- User accounts and authentication methods configured. See for example [Set up Personal authentication](#).
- Configured access rule (called for example **PDF Signing**), that requires strong authentication, containing all methods used for accessing the portals and performing remote signatures.
- For the SAML federation: Signing certificate for the SAML identity provider

In Nexus GO:

- PDF Signing service added in Nexus GO.

## Configure Hybrid Access Gateway as identity provider

In Hybrid Access Gateway, do the configuration to set up an Identity Provider.

1. Log in to the Hybrid Access Gateway admin interface.

Check the SAML signing certificate:

1. Go to **Manage system > Certificates**
2. Scroll down to **Registered Server Certificates**
3. Verify that the certificate to be used is available, for example: `idp-cert`.

Configure SAML Identity Provider:

1. Go to **Manage Resource Access > SAML Federation**.
2. Click **Add SAML Federation...**
3. Enter a **Display Name**, for example `Nexus IDP`.
4. Check **Acting as Identity Provider**.
5. Uncheck **Import metadata automatically**.
6. Go to the **Export** tab.
7. Give a unique **Entity ID**: for example `https://nexusville.com/idp`.
8. Select the **Signing Certificate**, for example `idp-cert`.
9. Click **Download Metadata**, save the xml-file for future chapter **Configure in Nexus GO**.

## Related information

- [Nexus GO Signing](#)
- [Nexus Hybrid Access Gateway](#)
- [Deploy Hybrid Access Gateway and do initial setup](#)
- [SAML 2.0 federation](#)
- [Set up Personal authentication](#)

Configure SAML Attribute Group (example):

1. Go to **Manage Resource Access > SAML Federation**.
2. Click **Manage Global SAML Federation Settings...**
3. Click **Add attribute group...**
4. Enter a **Display Name**, for example Nexus GO PDF Signing.
5. Click **Add attribute...** and enter the relevant SAML attributes for your identity provider.  
See the following examples:
  - a. **Example:** SAML attributes for identity provider with user storage, such as Active Directory.

Friendly Name	Name (OID)	Source	Mandatory / Optional	Format
mail	mail	User Storage	Mandatory	string
displayName	displayName	User Storage	Mandatory	string
memberOf	memberOf	User Storage	Optional	string
title	title	User Storage	Optional	string

- b. **Example:** SAML attributes for identity provider with personal identity number, such as national BankID or Freja eID.

Friendly Name	Name (OID)	Source	Mandatory / Optional	Format
displayName	displayName	Certificate	Mandatory	string
userId	userId	Certificate	Mandatory	string

## Configure in Nexus GO

Set up Nexus GO PDF Signing to use Hybrid Access Gateway as identity provider.

Log in to Nexus GO:

1. Log in to the Nexus GO administration portal:  
Go to <https://login.go.nexusgroup.com/> and log in with your administrator account.

To set up local IDP:

1. Click **Services** and **Signing**.
2. Select your **PDF Signing** environment.
3. Click **Set up local IDP**
4. Enter a **Display Name** (this is shown within the signing- and admin-portal), and upload **IDP SAML Metadata** that was downloaded from Hybrid Access Gateway in previous step. Click **Next**.
5. In **Map SAML attributes**, enter the attributes and then click **Next**.  
See the following examples:

- a. **Example:** SAML attributes for identity provider with user storage, such as Active Directory.

Input field	SAML attribute
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Email	mail
Display name	displayName

- b. **Example:** SAML attributes for identity provider with personal identity number, such as national BankID or Freja eID. The data source is the certificate.

Set **Include user id** to **On**.

Input field	SAML attribute
User id	userId
Display name	displayName

6. In **Select contributors**, define what users need admin rights, that is to create signing requests in the PDF signing portal. When you are ready, click **Next**. See the following example:

Select contributors	Attribute	Value
Contributor	member Of	CN=PDF Signing Admin,OU=Users,DC=nexusville, DC=com

*Note: the role **contributor** gives a user access to the admin portal and possibility to create signing requests, multiple values can be added.*

*If the checkbox **Everyone from this IDP is a contributor** is selected, all users authenticating through the IDP will get access to admin portal.*

7. Confirm your configuration and click **Submit**.
8. Now back at the overview of your **PDF Signing** environment, at **SAML SP Metadata**, click **Download**.
9. Save **Logon URL** for future step **Optional: Add Nexus GO PDF Signing as portal item in Hybrid Access Gateway**.

## Add Nexus GO PDF Signing as Service Provider in Hybrid Access Gateway

In Hybrid Access Gateway, do the configuration to add Nexus GO PDF Signing as service provider.

1. Log in to the Hybrid Access Gateway admin interface.

To add service provider:

1. Go to **Manage Resource Access > SAML Federation**.
2. Click the Identity Provider created earlier, for example `Nexus IDP`, see **Configure Hybrid Access Gateway as Identity Provider**.
3. Go to the **Role Identity Provider** tab and click **Add service provider...**
4. Verify that SAML 2.0 is checked.
5. **Upload SAML 2.0 metadata**, click **Choose file** and select the **SAML SP Metadata** downloaded from Nexus GO in the previous chapter. Click **Next**.
6. Confirm import of unsigned metadata by clicking **Yes**.
7. Click **Finish Wizard**.
8. In **Role Identity Provider** under **Registered Service Providers**, click the created service provider.
9. Go to the **Assertion Settings** tab.
10. Under **Attribute Statement** and **Attribute Group**, select the group you created in previous step, our example `Nexus GO PDF Signing`.

11. Go to the **Access Rules** tab.
12. Select the already created access rule (for example called **PDF Signing**), to define what authentication methods are allowed:  
In **Available Access Rules**: select **PDF Signing**, and click **Add**.
13. Click **Save**.

1. Click **Publish** to publish the updates.  
The configuration in Hybrid Access Gateway is ready.

## Optional: Add Nexus GO PDF Signing as a portal item in Hybrid Access Gateway

Optionally, you can add Nexus GO PDF Signing in the Hybrid Access Gateway application portal, to let the users access Nexus GO PDF Signing without having to log in again. The portal item shall be protected with the same access rule as selected for the service provider. For more information, see the Prerequisites.

1. Log in to the Hybrid Access Gateway admin interface.

To add Nexus GO PDF Signing as a portal item in the Hybrid Access Gateway application portal:

1. In the Hybrid Access Gateway administration interface, go to **Browse**.
2. Go to *access-point/custom-files/wwwroot*.
3. Create a file named *nexusgopdfsigning.html* and add the text below. Change the italic text to fit your configuration:

### Example: login page

```
<html>
<head>
  <script type="text/JavaScript">
    location.href = "<i>your Logon URL from Nexus GO Administration portal</i>";
  </script>
</head>
<body>
</body>
</html>
```

4. In the Hybrid Access Gateway administration interface, go to **Manage Resource Access**.
5. Click **Web Resources**.
6. Select **Access Point** and click **Add Resource Path...**
7. Check **Enable resource** and enter the path, for example *nexusgopdfsigning.html*.
8. Uncheck **Use Parent Authorization**.
9. Check **Make resource available in the portal**.
10. Select **Icon** and enter **Link text**, for example *Nexus GO PDF Signing*.
11. Click **Next**.
12. Select the already created access rule (for example called **PDF Signing**), to define what authentication methods are allowed:  
In **Available Access Rules**: select **PDF Signing**, and click **Add**.
13. Click **Save**.

1. Click **Publish** to publish the updates.  
The configuration in Hybrid Access Gateway is ready.

