

Set up Personal Messaging in Hybrid Access Gateway

This article describes how to connect [Nexus Hybrid Access Gateway](#) to [Nexus Personal Messaging](#) that can either be installed on-premises or consumed as a service via [Nexus GO Messaging](#). Personal Messaging is a web-based service for online authentication and signing using [Nexus Personal Mobile](#) or [Nexus Personal Desktop](#) with certificates.

For more information on the communication between Hybrid Access Gateway and Personal Messaging, see [Architecture overview - Nexus Personal Messaging and Hybrid Access Gateway](#).

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Prerequisites

The following prerequisites apply:

- [Nexus Personal Messaging](#) is installed on-premises or consumed as a service via [Nexus GO Messaging](#).
- If [Nexus GO Messaging](#) is used, the [access point](#) must be protected by a public certificate, see [Add certificates](#). When deploying a server certificate, its certificate chain up to the root shall also be added in CA certificates.
- If the Personal Mobile profile data was first created in Hybrid Access Gateway, that must first be migrated to [Nexus Personal Messaging](#) or [Nexus GO Messaging](#). See [Hybrid Access Gateway news](#).

Step-by-step instructions

1. Log in to the Hybrid Access Gateway administration interface with your admin user.

If you use Nexus GO Messaging, then you first need to request an API key from Nexus.

To request a Nexus GO Messaging API key:

1. Find your **Nexus GO Messaging callback URL**:
 - a. In the Hybrid Access Gateway administration interface, go to **Manage System > Policy Services**.
 - b. Click **Manage Global Policy Service Settings...**
 - c. Copy **Personal Messaging Callback URL**, and replace *<access-point-public-host>* with your DNS name.

Default: Personal Messaging Callback URL

```
https://<access-point-public-host>https/api/rest/v3.0/personalmessaging
```

2. Request an **API key** from Nexus by sending an email with the **callback URL** to Nexus support: support@nexusgroup.com.

When you have received a reply, you can go on to the following tasks.

To set up the connection to Personal Messaging:

1. In the Hybrid Access Gateway administration interface, go to **Manage system > Policy Services**.
2. Click **Manage Global Policy Service Settings...**

This article is valid from Hybrid Access Gateway 5.13.1

Related information

- [Nexus Hybrid Access Gateway](#)
- [Nexus Personal Messaging](#)
- [Nexus GO Messaging](#)
- [Nexus Personal Mobile](#)
- [Nexus Personal Desktop](#)

3. Check **Enable Provisioning**.
4. Enter **Provisioning Settings**, that will apply to all policy services. Click the ?-sign for more information.

a. In **Personal Messaging URL**, enter a valid URL:

- i. For Personal Messaging on-premises, enter the URL as it has been configured in Personal Messaging.
In this example, the default path is shown. If you have changed the path when you installed Personal Messaging, enter your configured path here.
For more information, see [Install Hermod](#):

Example: Personal Messaging URL for Personal Messaging on-premises

`https://<personalmessaging-public-host>/hermod/rest/command`

- ii. For Nexus GO Messaging, enter the following URL:

Example: Personal Messaging URL for Nexus GO Messaging

`https://messaging-service.go.nexusgroup.com/command`

b. In **Image API URL**, replace *<access-point-public-host>* with your DNS name.

c. Enter an **X API Key**:

- i. For Personal Messaging on-premises, enter an API Key that has been generated in Personal Messaging. For more information on how to generate a key, see [Add API user and callback URL in Hermod](#).
- ii. For Nexus GO Messaging, enter the **X API key** as received by Nexus.

d. If required, enter your own **Attestation Key**, which is used to sign provisioning responses.

There is a default **Attestation Key** stored, but it can be required to upload your own key, for example if you use the [Nexus Personal Mobile SDK](#).

e. If you upgrade from version 5.12 or earlier of Hybrid Access Gateway, and already use Personal Mobile, you need to migrate these profiles to Nexus Personal Messaging (see [Hybrid Access Gateway news](#)). Enter a **Messaging Service Public URL**. This is the URL that the existing Personal Mobile profiles will be redirected to at the very first call after the migration. After that, the Personal Mobile profile will memorize the new URL and use it for later calls.

- i. For Personal Messaging on-premises, enter the URL as it has been configured in Personal Messaging.
In this example, the default path is shown. If you have changed the path when you installed Personal Messaging, enter your configured path here.
For more information, see [Install Hermod](#):

Example: Messaging Service Public URL for Personal Messaging on-premises

`https://<personalmessaging-public-host>/hermod/rest/ms`

- ii. For Nexus GO Messaging:

Example: Messaging Service Public URL for Nexus GO Messaging

`https://messaging-service.go.nexusgroup.com/ms`



This is supported from [Nexus Personal Mobile](#) version 3.10.

- f. For help on other input fields, click the ?-sign for more information.

The Personal Mobile app must be able to receive images during the authentication process. For this, a public available web resource as well as the Image API must be enabled.

To be able to receive images from the Distribution Service over the Access Point the corresponding web resource must be enabled:

1. In the Hybrid Access Gateway administration interface, go to **Manage Resource Access**.
2. Select the registered distribution-service web resource.
3. Click **Edit Resource Host**.
4. Check **Enable resource**.
5. Click **Save**.

The Image API must be enabled:

1. In the Hybrid Access Gateway administration interface, go to **Manage System > Distribution Services**.
2. Select the registered Distribution Service.
3. Check **Enable Image API**.
4. Click **Save**.

To make Hybrid Access Gateway trust Personal Messaging, the Personal Messaging certificate authority (CA) must be added in Hybrid Access Gateway:

1. Locate the CA certificate files:
 - a. For on-premises installation of Personal Messaging, locate the SSL certificate that was used to set up Personal Messaging.
 - b. For Nexus GO Messaging, download the following CA certificate file:

Digicert intermediate CA: [Digicert_SHA2_intermediate.cer](#)
2. Add the CA in Hybrid Access Gateway by uploading the CA certificate files. See the section **Add certificate authority** in [Add certificates](#).