

Set up PDF Signing API in Nexus GO

To set up the API, follow these steps:

1. [Log in to Nexus GO](#).
2. Click **Services > Signing**.
3. Select the signing service for which you want to set up the API. Click **Set up API**.
4. Enter a **JWKS URL**, see below for more information. Click **Next**.



If it is not possible to expose a public endpoint, then check **Use custom keys** and enter the public key in the input field.

5. Click **Next** and **Submit** to confirm.

JSON Web Key Set (JWKS)

The signed assertion for authentication is validated with a public key. By using PKI, the signing key can be changed at any time without having to go to the admin portal and reconfigure it.

The web application shall expose the public key in a JSON Web Key Set (JWKS) on a URL and specify it in the configuration. For more information, see [Authenticate to the PDF Signing API](#).

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Here is an example of a response from a JWKS URL. The same value of `kid` shall be sent in the assertion to the API.

Example: JWKS

```
{
  "keys": [ {
    "kid": "ClientKeyRsa/53b562fc488e41e086a80aec9f352927",
    "kty": "RSA",
    "alg": "RS256",
    "e": "AQAB",
    "n":
    "prZ21HmsgnqdQs6LS2JNA71XsL0TOxodkCFnKJ_ta_Zktbe_aNAU2PUaj0kGI-
    7GOikhXJ94k-sXZA8RTw-aj8q83xU-
    ogLlAcPdmFK0AEBa7Uod_qacEtHniQ_Z7jtHcBv9J3h0NThSKlin6zZIVnBDaJL9KtS36v
    2hvag8pL96K8mbfZbgxNowxnjp6iMObqrNwV5Et6j6BYu5wnMtFoK-
    fWEwz2BNLah_H83E0UBxsQOjw-1B7doNQEKGkDva-
    ZL20BsnGsApxEbHxmAQkUc2pPYn8-
    nLdkouyppqX6FGZ6b25n8vi2DbYaavBaf0UeJdKxBheL-fWu3GJqNmNQ"
  } ]
}
```

In case it is not possible to expose a public endpoint, the public key can also be explicitly stated. In this case, the single key shall be stated in JWK format:

Here is an example of a single JWK. The same value of `kid` shall be sent in the assertion to the API.

Related information

- [Authenticate to the PDF Signing API](#)

Links

- [Log in to Nexus GO](#)
- JWKS standard: [RFC 7517](#)

Example: Single JWK

```
{
  "kid": "ClientKeyRsa/53b562fc488e41e086a80aec9f352927",
  "kty": "RSA",
  "alg": "RS256",
  "e": "AQAB",
  "n":
  "prZ2lHMsgnqdQs6LS2JNA71XsL0TOxodkCFnKJ_ta_Zktbe_aNAU2PUaj0kGI-
  7GOikhXJ94k-sXZA8RTw-aj8q83xU-
  ogL1AcPdmFK0AEBa7Uod_qacEtHniQ_Z7jtHcBv9J3h0NThSKlin6zzIVnBDaJL9KtS36v
  2hvag8pL96K8mbfZbgxNowxnjp6iMObqrNwV5Et6j6BYu5wnMtFoK-
  fWEwz2BNLah_H83E0UBxsQOjw-1B7doNqEXGkDva-
  ZL20BsnGsApxEbHxmAQkUc2pPYn8-
  nLdkouyppqX6FGZ6b25n8vi2DbYaavBaf0UeJdKxBheL-fWu3GJqNmNQ"
}
```