

Authenticate to the PDF Signing API

To do any signing operation through the PDF Signing API, you first need to require an access token. This access token is then used to authenticate yourself.

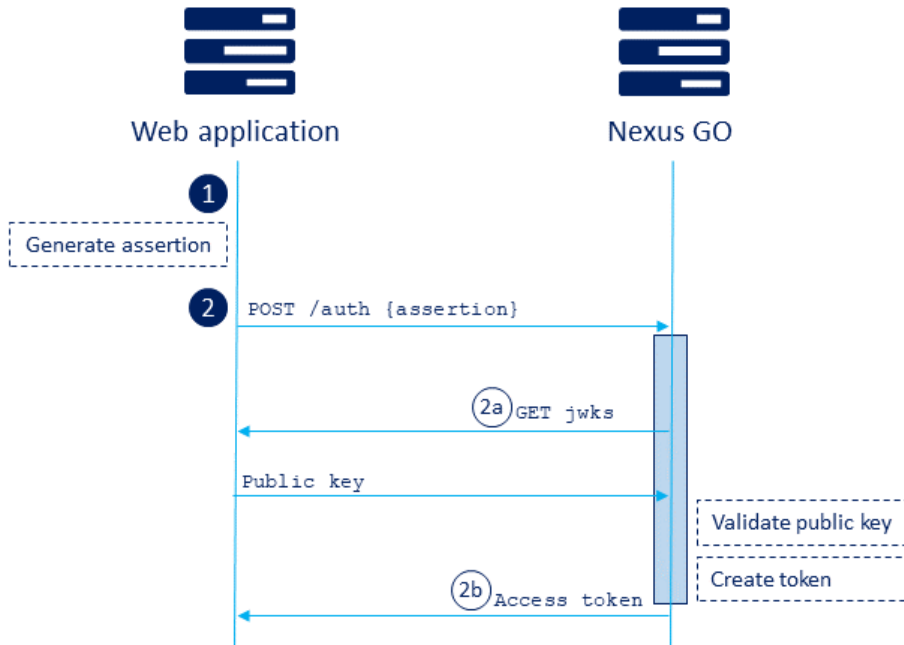
The client generates its own assertion by signing a JSON web token (JWT) that includes the Client ID. Nexus GO validates the assertion cryptographically with the public key specified in the setup, see [Set up PDF Signing API in Nexus GO](#).

Related information

- [Set up PDF Signing API in Nexus GO](#)

Links

- [JWT standard: RFC 7519](#)



Authentication step-by-step

1. Generate an assertion. See below for more information.
2. The web application sends an authentication request to Nexus GO, including an assertion.
 1. Nexus GO fetches the public key of the client and validates the assertion.
 2. Nexus GO creates and returns an access token.

The access token must then be included in any other API operation, to authenticate the user.

Assertion

The assertion must be in the format of a signed JWT, including the client ID that was used to set up Nexus GO PDF Signing. See [Set up PDF Signing API in Nexus GO](#).

Use these properties:

Properties	Values
sub	Client ID, get this from the configuration in the Nexus GO portal.

kid	Name of the signing key. The matching public key must be available in the JWKS endpoint. See Set up PDF Signing API in Nexus GO .
aud	https://go.nexusgroup.com
iss	Client issuer, can be any value.
iat	Issued at: The time at which the assertion was issued.
exp	Expiration time: The time at which the assertion expires.

Here is an example of an assertion:

▼ Example: Assertion

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```
{
  "typ": "JWT",
  "alg": "RS256",
  "kid": "ClientKeyRsa/53b562fc488e41e086a80aec9f352927"
}
{
  "iss": "https://client.example.com",
  "sub": "dbb442aa-56ca-4082-98e5-9211466f76db",
  "aud": "https://go.nexusgroup.com",
  "iat": 1529912520,
  "exp": 1529916120
}
```

Code example

To get the access token, use the method **POST** `/auth`.

▼ Example: Require access token

