JWT credentials

# JWT credentials#

You can use these credentials to authenticate the following nodes:

• JWT

• Webhook

## Supported authentication methods#

• Passphrase: Signed with a secret with HMAC algorithm

• Private key (PEM key): For use with Private Key JWT with RSA or ECDSA algorithm

## Related resources#

Refer to the JSON Web Token spec for more details.

For a more verbose introduction, refer to the JWT website Introduction to JSON Web Tokens. Refer to JSON Web Token (JWT) Signing Algorithms Overview for more information on selecting between the two types and the algorithms involved.

## Using Passphrase#

To configure this credential:

• Select the Key Type of Passphrase.

• Enter the Passphrase Secret

• Select the Algorithm used to sign the assertion. Refer to Available algorithms below for a list of supported algorithms.

## Using private key (PEM key)#

To configure this credential: 1. Select the Key Type of PEM Key. 2. A Private Key: Obtained from generating a Key Pair. Refer to Generate RSA Key Pair for an example. 3. A Public Key: Obtained from generating a Key Pair. Refer to Generate RSA Key Pair for an example. 4. Select the Algorithm used to sign the assertion. Refer to Available algorithms below for a list of supported algorithms.

## Available algorithms#

This n8n credential supports the following algorithms:

• HS256

HS256

• HS384

HS384

• HS512

HS512

• RS256

RS256

• RS384

RS384

• RS512

RS512

• ES256

ES256

• ES384

ES384

• ES512

ES512

• PS256

PS256

• PS384

PS384

• PS512

PS512

• none

none