



# ComponentSpace

## OpenID Connect for ASP.NET

### Core

## Release Notes

### 3.1.0 – March 15, 2023

- Add `ITokenValidationDelegates.IssuerSigningKeyResolver` for use when verifying the HMAC signature of JWT bearer tokens.
- Used a typed HTTP client to provide tailored configuration of client certificates etc.
- As well as .NET 6.0, target .NET 7.0.

### 3.0.0 – January 11, 2023

- Fix issue converting relative to absolute URLs.
- Add support for JWT access tokens.
- Improve support for refresh tokens.
- Add support for `client_credentials` grant type.
- Add support for password grant type.
- Use `IOptionsMonitor` rather than `IOptionsSnapshot` as more performant.
- When verifying signatures, don't use expired certificates.
- When generating signatures, use a non-expired certificate if available.
- Include the `AddConfigurationResolver` convenience method.

### 2.0.0 – August 25, 2022

- Updates related to OpenID conformance testing.
- `GetUserInfoAsync` no longer take a delegate argument. Claims are provided by `SendAuthnResponseAsync` instead.
- `GetStatusAsync` and `RevokeRefreshTokenAsync` methods added to interface.

### 1.0.0 – July 29, 2022

- Initial release.