

OpenID Connect Protocol

OpenID Connect (OIDC) is an identity layer built on top of the OAuth 2.0 framework. It allows third-party applications to verify the identity of the end-user and to obtain basic user profile information. OIDC uses JSON web tokens (JWTs), which you can obtain using flows conforming to the OAuth 2.0 specifications. See our [OIDC Handbook](#) for more details.

While OAuth 2.0 is about resource access and sharing, OIDC is about user authentication. Its purpose is to give you one login for multiple sites. Each time you need to log in to a website using OIDC, you are redirected to your OpenID site where you log in, and then taken back to the website. For example, if you chose to sign in to Auth0 using your Google account then you used OIDC. Once you successfully authenticate with Google and authorize Auth0 to access your information, Google sends information back to Auth0 about the user and the authentication performed. This information is returned in a JWT. You'll receive an access token and if requested, an ID token.

JWTs contain [claims](#), which are statements (such as name or email address) about an entity (typically, the user) and additional metadata. The [OpenID Connect specification](#) defines a set of [standard claims](#). The set of standard claims include name, email, gender,

birth date, and so on. However, if you want to capture information about a user and there currently isn't a standard claim that best reflects this piece of information, you can create custom claims and add them to your tokens.

You can automatically [configure your applications with OIDC discovery](#). We also provide instructions to [configure Okta as an OAuth2 identity provider](#).

Keep reading

- [Configure Applications with OIDC Discovery](#)
- [Applications in Auth0](#)
- [Single Sign-On](#)
- [User Profiles](#)
- [Force Users to Re-authenticate in OIDC](#)

Was this article helpful?

<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
--------------------------	-----	--------------------------	----



PRODUCT

[Pricing](#)

[Why Auth0](#)

[How It Works](#)

[Lock](#)

COMPANY

[About Us](#)

[Blog](#)

[Jobs](#)

[Press](#)

LEARN

[Availability & Trust](#)

[Security](#)

White Hat

API Explorer

MORE

Help & Support

Professional Services

Documentation

Open Source

WordPress

CONTACT

10800 NE 8th Street

Suite 600

Bellevue, WA 98004

+1 (888) 235-2699

+1 (425) 312-6521

+44 (0) 33-3234-1966

Follow 14 086

Follow 5 412

Like 14 395

[Privacy Policy](#) [Terms of Service](#) © 2013-2021 Auth0®, Inc. All Rights Reserved.