

## About OpenID AuthZEN

OpenID AuthZEN is a Working Group under the OpenID Foundation. It focuses on developing standards and promoting interoperability in the realm of authorization. Its aim is to create a standardized way for applications to communicate with policy-based authorization systems by defining common protocols and formats for fine-grained authorization decisions, essentially acting as the "OpenID Connect" for authorization processes.

## Delivering Modern & Fine-Grained Authorization

Modern authorization delivers runtime and continuous authorization to a broad range of applications. It leverages user/identity attributes, resource-level attributes and context. Modern authorization platforms include stateless & stateful solutions, and support a number of authorization models, including RBAC, ABAC, & ReBAC.

### Key benefits

- Policy-based
- Dynamic separation of duties
- Principle of least privilege
- Continuous enforcement
- Auditability
- Consistency across apps

## Why OpenID AuthZEN matters

The OpenID AuthZEN WG is working on new standards to enable interoperability between policy decision points (PDP) and the apps they are protecting. This includes identity providers and API gateways. The AuthZEN standard will allow interchangeable integrations where an API gateway can interact with a range of PDPs.

In turn, architects and product owners will be able to require that their software providers support AuthZEN, enabling easier implementation of externalized authorization management, leading to standardized entitlement models and ultimately more transparency of who has access to protected resources.

## About OpenID

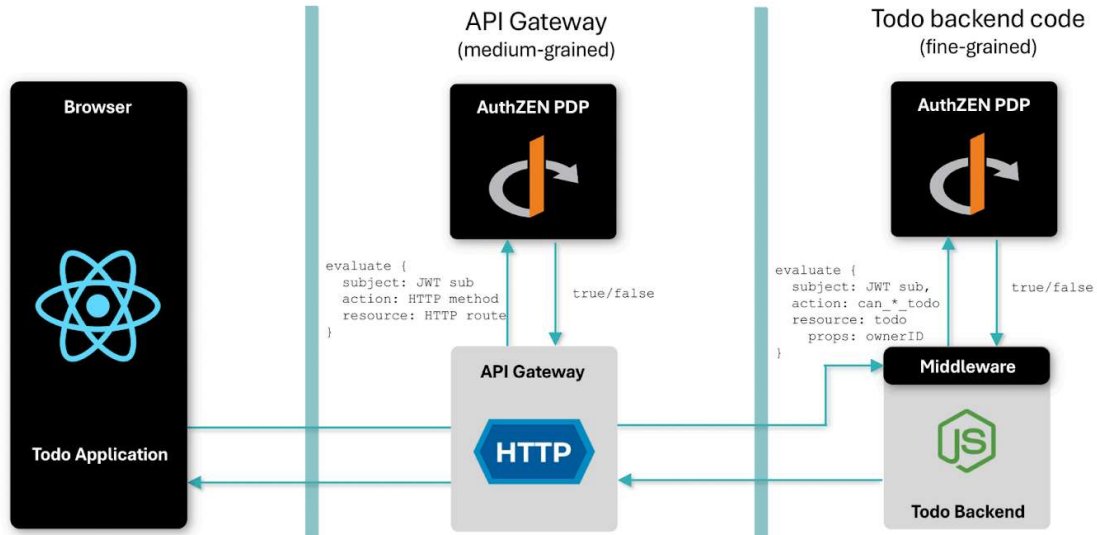
Founded in 2007, the OpenID Foundation (OIDF) is a global open standards body committed to helping people assert their identity wherever they choose. We are a global & vibrant community where identity peers and thought leaders convene to craft the identity ecosystems of tomorrow.

Our mission is to lead the global community in creating identity standards that are secure, interoperable and privacy-preserving. Find out more at [openid.net](https://openid.net).

## Get involved

You can join the OpenID WG here: <https://openid.net/wg/authzen/>. The WG has weekly calls open to all.

## Interop Architecture & Demo App



The demo uses a "to do app" where different users can view, create, check off, and delete to-do items. Authorization is checked in 2 places: the API gateway for medium-grained, API-level authorization, and the app for finer-grained authorization. All traffic to/from the PDPs is over OpenID AuthZEN.

## Interop Participants

### Authorization Services (PDP)


[aserto.com](https://aserto.com)

[axiomatics.com](https://axiomatics.com)

[aws.amazon.com/verified-permissions](https://aws.amazon.com/verified-permissions)

[cerbos.dev](https://cerbos.dev)

[openfga.dev](https://openfga.dev)

[openpolicyagent.org](https://openpolicyagent.org)

[identityserver.com](https://identityserver.com)

[sgnl.ai](https://sgnl.ai)

### Enforcement Points (PEP) - API Gateways


[aws.amazon.com/api-gateway](https://aws.amazon.com/api-gateway)

[broadcom.com/products/software/api-management/](https://broadcom.com/products/software/api-management/)

[envoyproxy.io](https://envoyproxy.io)

[konghq.com](https://konghq.com)

[tyk.io](https://tyk.io)

[wso2.com](https://wso2.com)

[zuplo.com](https://zuplo.com)