

Using OAuth to Secure Your ASP.NET API

OVERVIEW



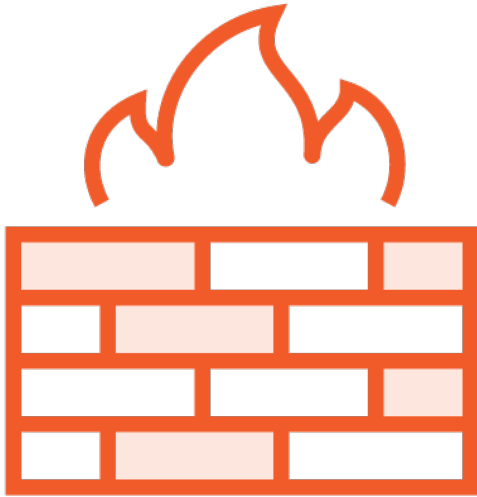
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Path to Securing Your API



Understanding the basics



Put your knowledge to practice



Assume everything and
everyone to be a threat



OAuth

Open standard for Authorization

Token based

- Access Token
- JSON Web Token (JWT)

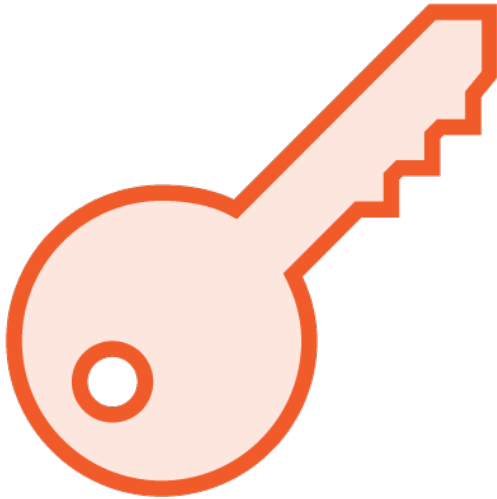
OAuth 2.0

- Simpler
- Not backwards compatible

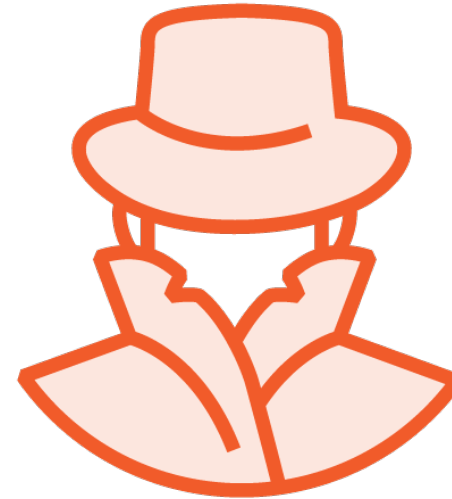
More in Module 2!



Authorization and Authentication



Authorization (Access)



Authentication (Identity)

OpenID
Connect

**Complements OAuth 2.0 with
Authentication (Identity)**



Finding a Viable Identity Solution



Roll-your Own
NO!!



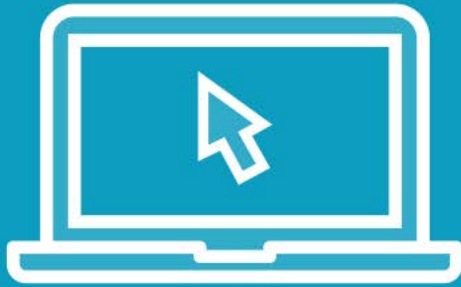
Framework
IdentityServer



SaaS/PaaS
Amazon Cognito
Auth0
Stormpath



Demo



The Insecure and Bad ASP.NET API



Summary



What you can expect from the course

We've got an API that we want to secure

You will learn about OAuth and OpenId Connect

What the next steps are to build a secure ASP.NET API

