

Vue Authentication and Authorization

SETTING THE STAGE



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Overview



What is Authentication and Authorization?

OAuth 2.0 overview

Intro to OpenID Connect

Tokens and JWTs

Intro to the Demo App



What Is Authentication and Authorization?

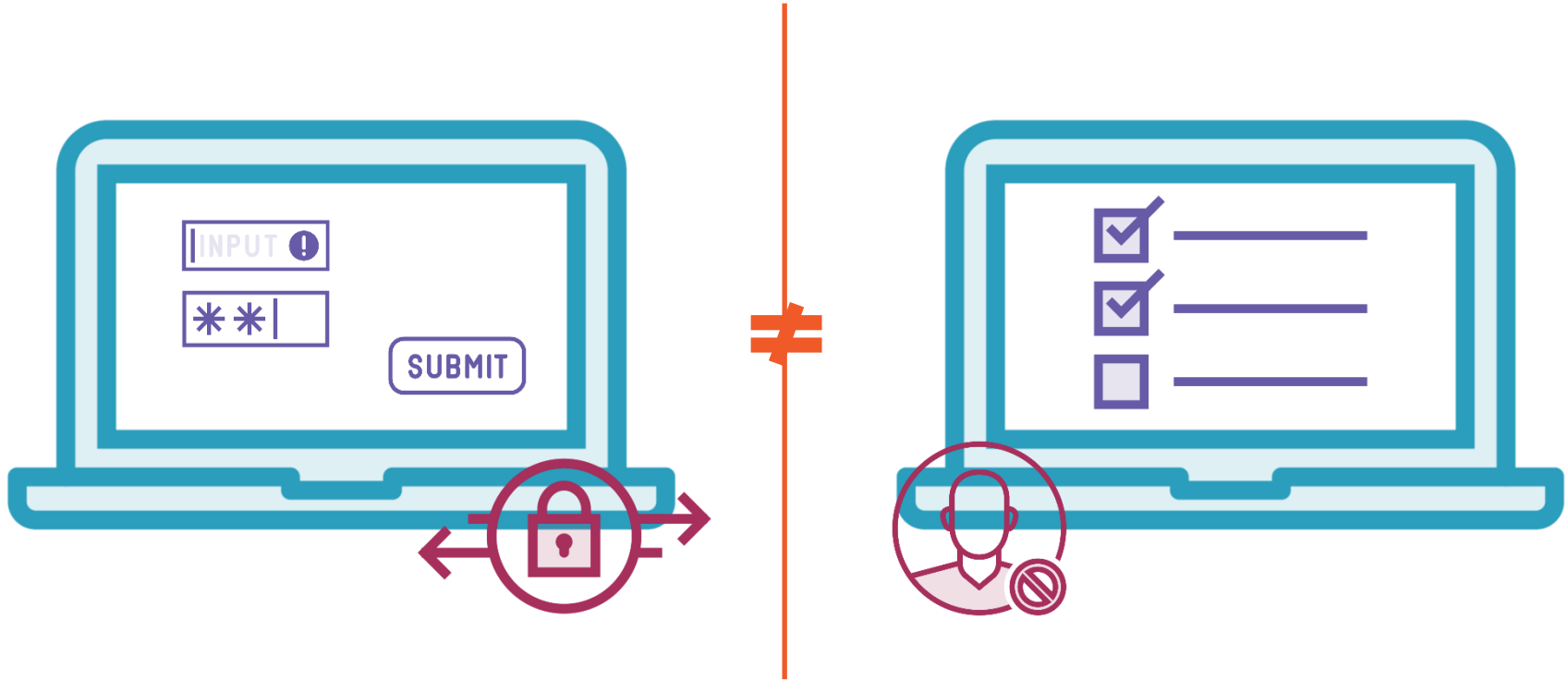


For every lock, there is
someone out there who is
trying to pick it or break it.

David Bernstein



Authentication vs. Authorization



Authentication

Confirming that users are
who they claim to be



Something you know



Something you have



Something you are



Authorization

**Giving someone the ability
to access resources**



Permission & privileges



Roles and scope



Attributes and claims



OAuth 2.0



Username:

Username|

Password:



OAuth



Definitions



Resource
Owner



Resource
Server

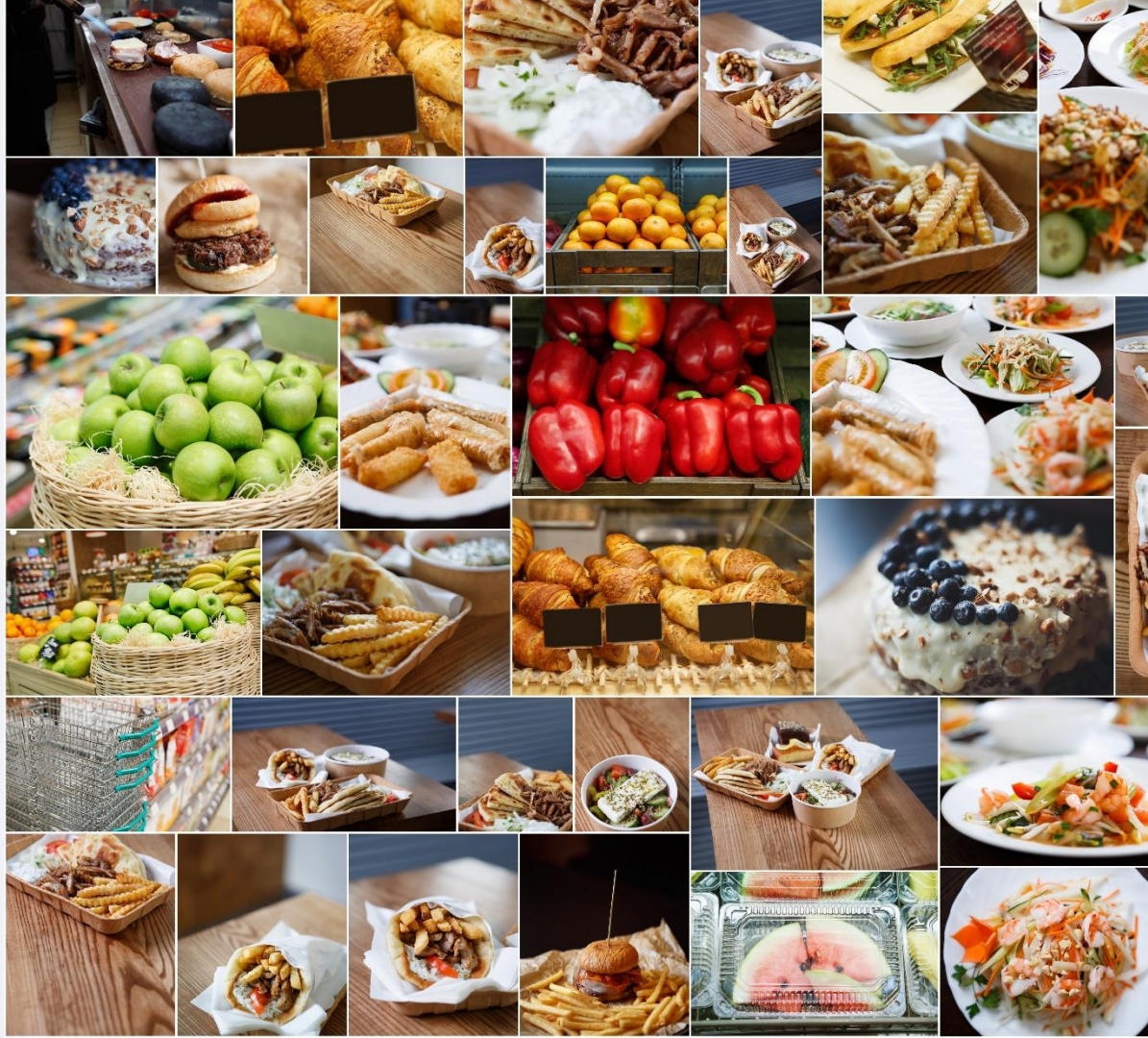


Authorization
Server



Client



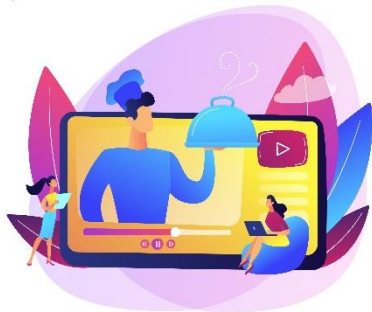


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OAuth Flow



Authorization code



Implicit



Username/password grant



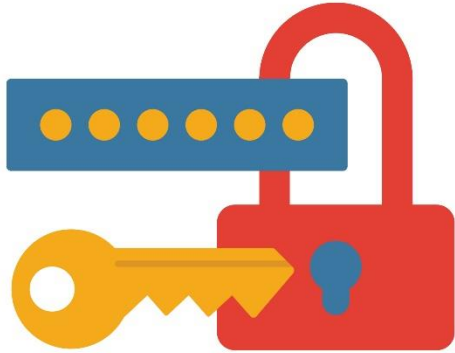
Client credentials



OpenID Connect



OIDC

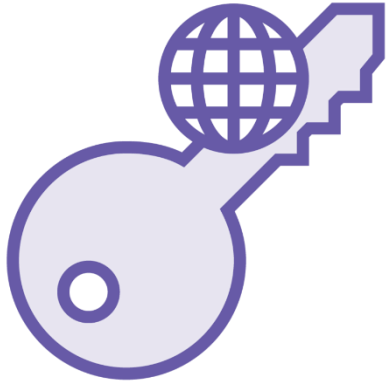




Tokens and JWTs



Tokens



Access token



ID token



Refresh token



Json Web Token (JWT)

HEADER (Alg and token type)

PAYLOAD (data)

SIGNATURE (verification)



Demo



Demo Application Overview



Summary



Authentication and Authorization

OAuth 2.0

OpenID Connect

Tokens and JWT

Demo Application

