

Deploying Razor Pages Applications



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Hosting Options for Razor Pages Apps

Self hosted

**Full control, but
extensive manual
setup work**

Hosting provider

**Simplified hosting with
low to medium
capabilities**

Cloud provider

**Major, feature-rich
platforms such as
Azure, AWS and GCP**



A note about Azure.



Azure Fundamentals for Web Apps



Azure App Service

A fully managed cloud hosting solution for web apps.



Azure App Service Capabilities

Scalability

Security

**Extensive
configurations**

Monitoring

Service integration

Much more!

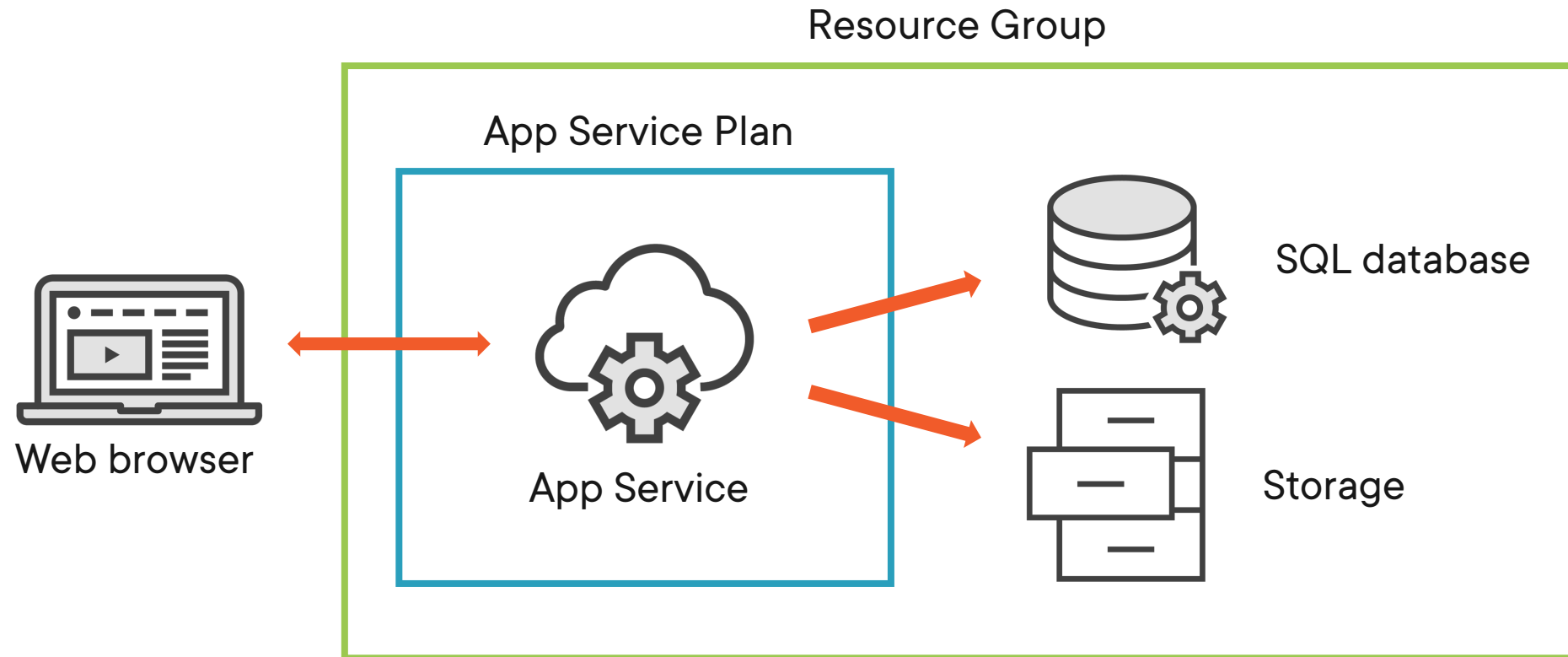


Azure SQL Database

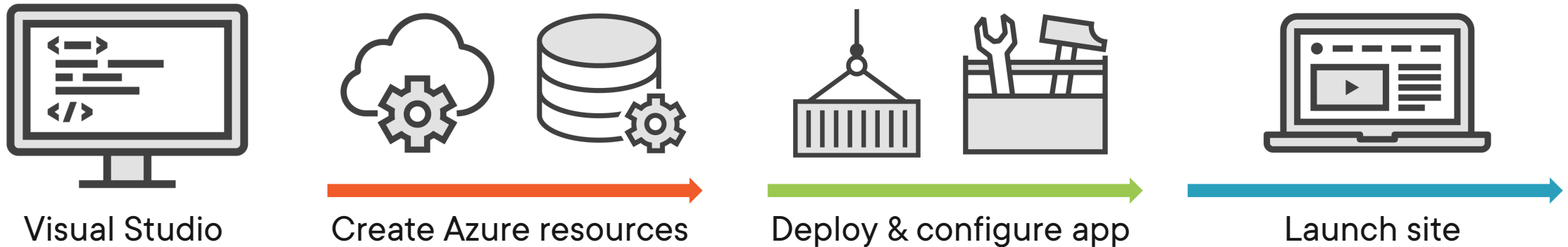
A fully managed, relational cloud database built on the latest SQL Server version and capabilities.



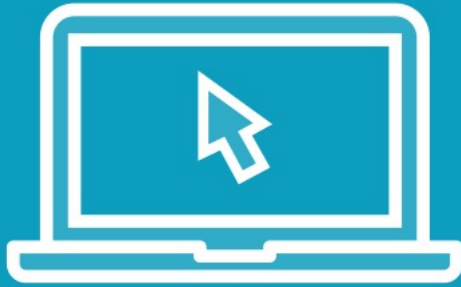
Understanding the Structure of App Services



The Visual Studio Deployment Workflow



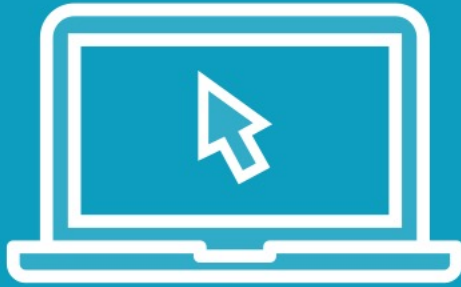
Demo



Essential set up and configurations



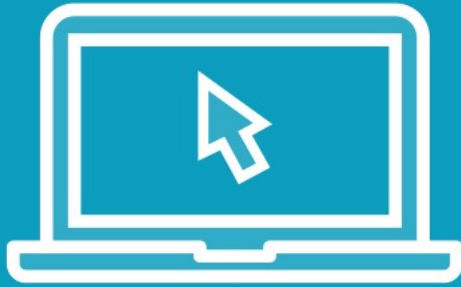
Demo



Deploying the app to Azure



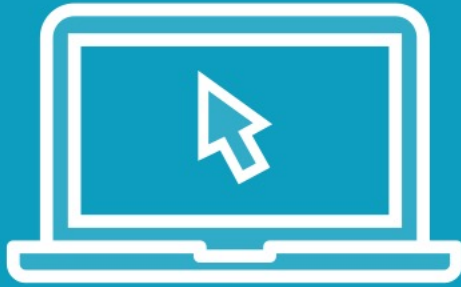
Demo



Exploring the deployed resources



Demo



Updating and configuring deployments



Summary



Razor Pages can be hosted on a variety of services across both Windows and Linux

Azure App Service is the most commonly used Azure service for hosting traditional web apps

App Service provides a fully managed platform with extensive features and capabilities

App Services run inside of App Service Plans, which manage computational resources and other settings

Azure Resource groups are containers that logically organize related services with administrative benefits

Visual Studio provides powerful tools and features for streamlining deployments to Azure

The Azure Portal enables us to create and manage most resources through the browser



Thank you, and good luck!

