

Deploying Your Application



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Module overview



Understanding the Azure App Service

Deploying the application to an Azure App Service

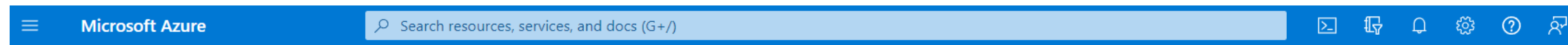
Understanding the Azure App Service



Microsoft Azure is Microsoft's cloud computing service.

It offers SAAS, PAAS and IAAS and supports many languages and application types.

Azure Portal



Azure services



Create a resource



SQL databases



Resource groups



Spatial Anchors Accounts



App Service plans



Subscriptions



All resources



App Service Certificates



App Services



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Resources

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us-midwest-01-public	SQL server	2 days ago
us-midwest-01-public-testing	App Service	2 days ago
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Navigate



Subscriptions



Resource groups



All resources



Dashboard

Azure Services



Compute services



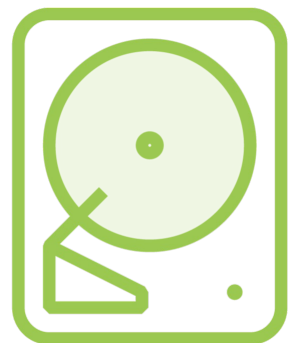
Messaging



Identity



Data services



Storage



AI

Introducing Azure App Service

Common Azure service

Host different types of applications

Different stacks

Scalable



Azure SQL

- Managed SQL in the cloud
- Highly available
- Scalable

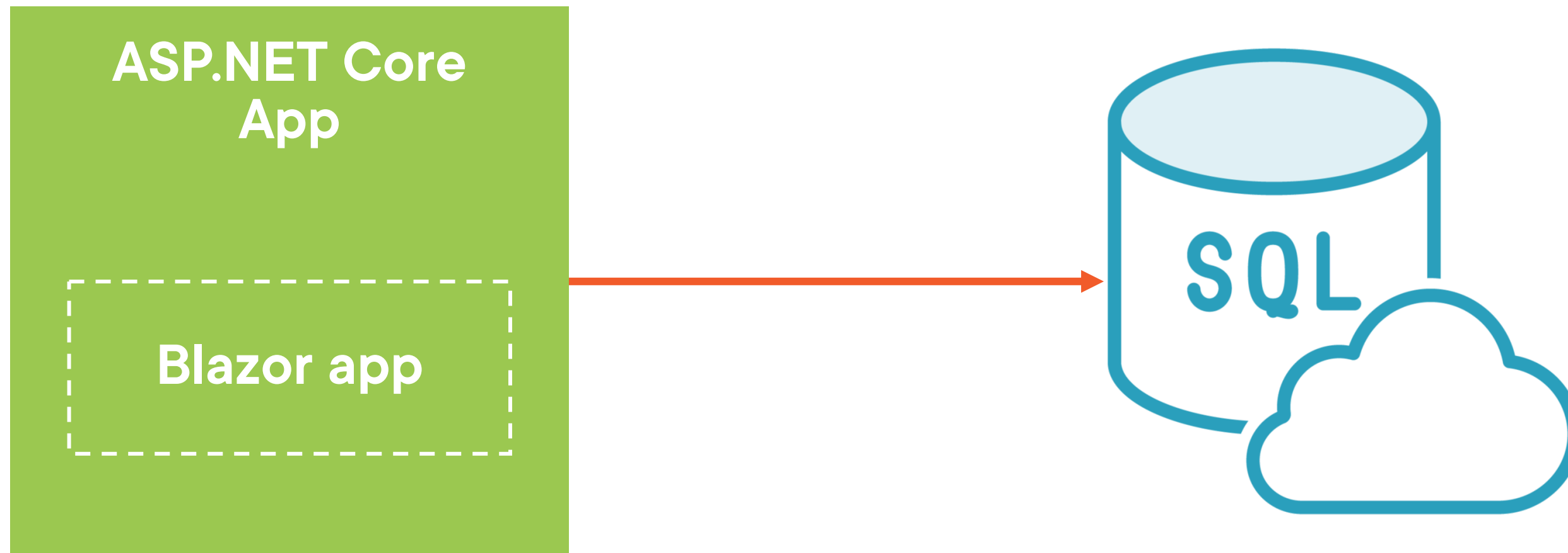
Demo



Exploring the Azure Portal

Deploying the Application to an Azure App Service

Required Azure Resources





Hosting app (API + Blazor host)

- Azure App Service

Database (API)

- Azure SQL



Alternative: Blazor WASM Standalone

- No .NET requirement on the server
- Static files
- Can connect with remote API
 - CORS
- Often deployed to Azure Static Web App

Deployment Options

Visual Studio publish

CI/CD

Demo



Deploying the app and database to Azure

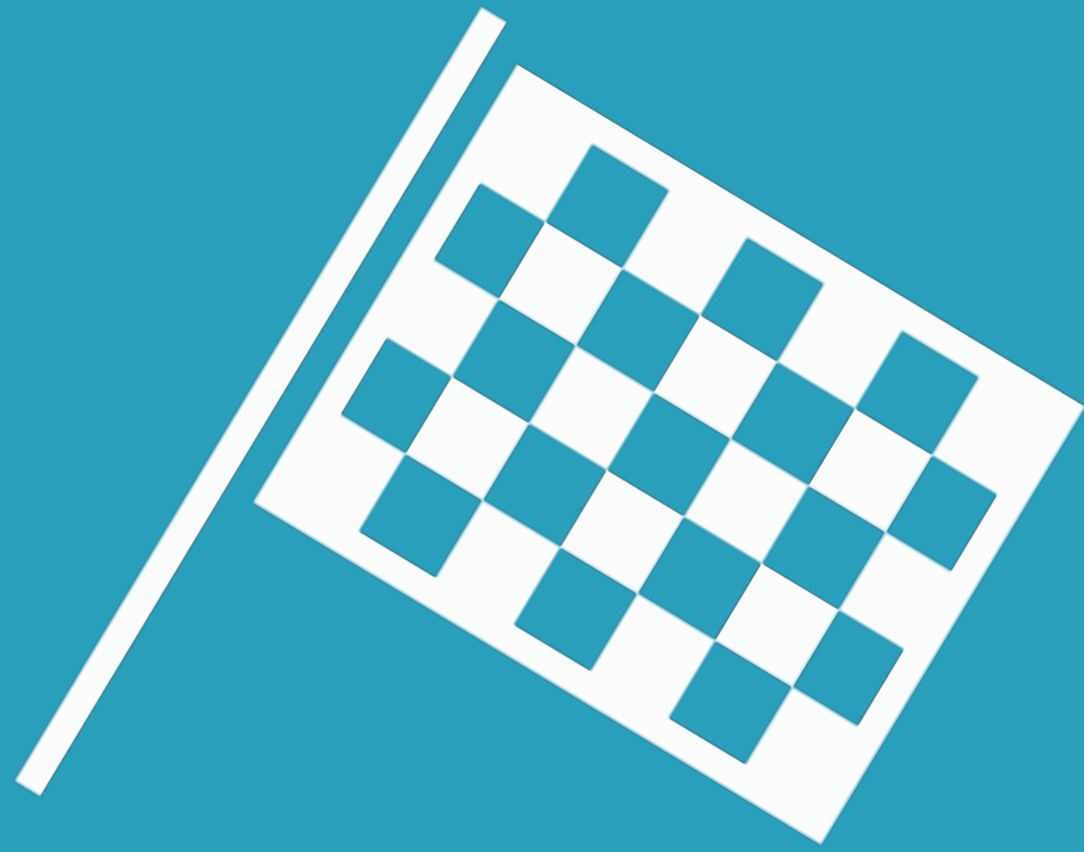
Summary



Azure is Microsoft's cloud platform

Azure App Service can be used to host the application

Azure SQL can be used to host the database



Congratulations on
finishing this course!