

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



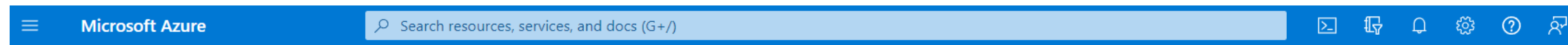


Microsoft Azure is Microsoft's cloud computing service.

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



[More services](#)

Resources

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Name	Type	Last Viewed
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us-midwest-central-1-aws-us-east-1	Resource group	2 days ago
us-midwest-central-1-aws-us-east-1	App Service	2 days ago
us-midwest-central-1-aws-us-east-1	SQL server	2 days ago
us-midwest-central-1-aws-us-east-1	App Service	2 days ago
us-midwest-central-1-aws-us-east-1	App Service plan	2 weeks ago
us-midwest-central-1-aws-us-east-1	Resource group	2 weeks ago
us-midwest-central-1-aws-us-east-1	Static Web App	2 weeks ago
us-midwest-central-1-aws-us-east-1	SQL server	4 weeks ago
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us-midwest-central-1-aws-us-east-1	Resource group	4 weeks ago

Navigate



Subscriptions



Resource groups



All resources



Dashboard



Azure Services



Compute services



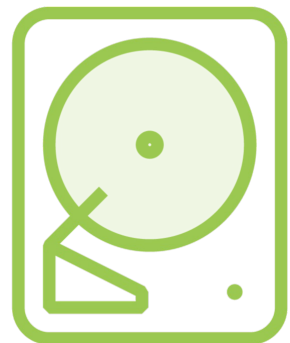
Messaging



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

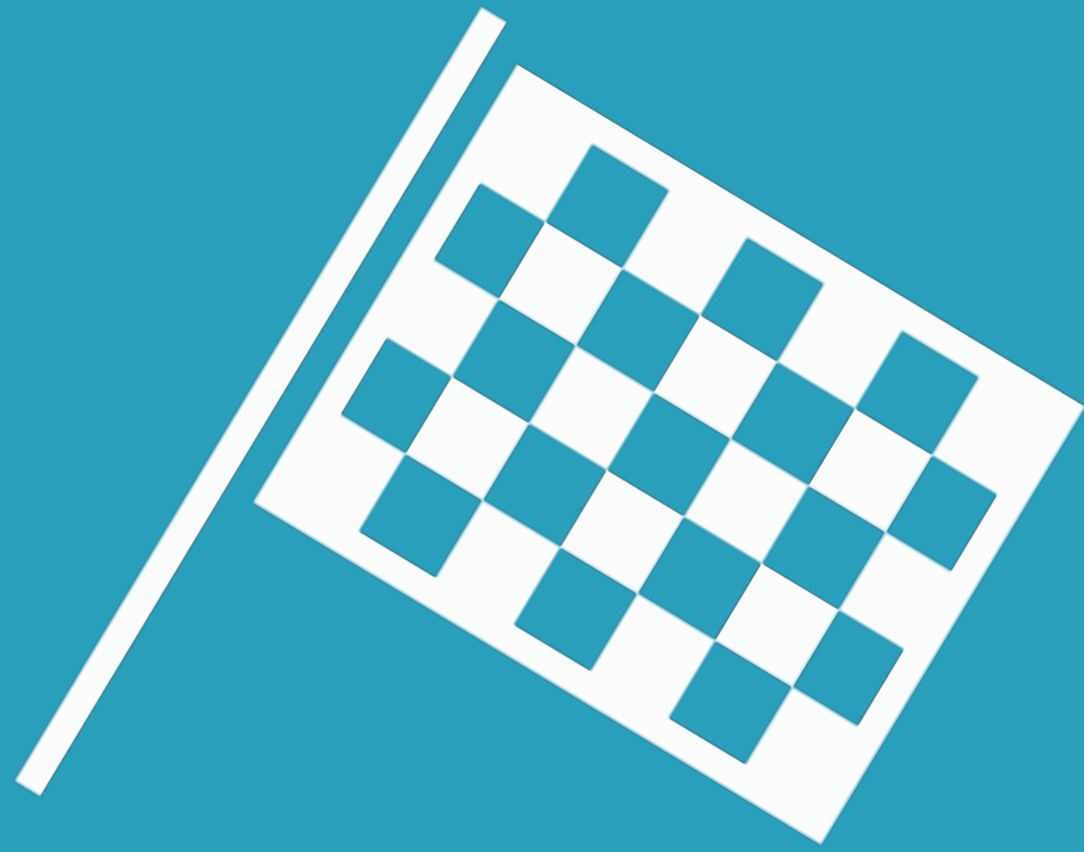


Azure is Microsoft's cloud platform

Azure App Service can be used to host the application

Azure SQL can be used to host the database





Congratulations on
finishing this course!

