

# Deploying the Site to an Azure App Service



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# 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

The screenshot shows the Microsoft Azure Portal interface. At the top is a blue header bar with the "Microsoft Azure" logo and a search bar labeled "Search resources, services, and docs (G+/-)". To the right of the search bar are several icons: a magnifying glass, a gear, a question mark, and a refresh symbol.

Below the header is a section titled "Azure services" containing various service links with icons:

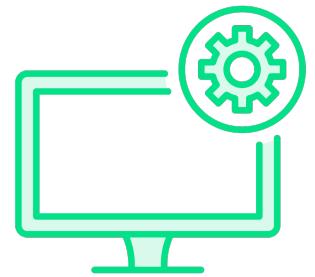
- Create a resource (+)
- SQL databases (SQL icon)
- Resource groups (Resource group icon)
- Spatial Anchors Accounts (Location pin icon)
- App Service plans (Cloud icon)
- Subscriptions (Key icon)
- All resources (Grid icon)
- App Service Certificates (Certificate icon)
- App Services (Globe icon)
- More services (Right arrow icon)

Under the "Resources" heading, there are two tabs: "Recent" (selected) and "Favorite". The "Recent" tab displays a list of recently viewed resources:

Name	Type	Last Viewed
[REDACTED]	Static Web App	2 days ago
[REDACTED]	Resource group	2 days ago
[REDACTED]	App Service	2 days ago
[REDACTED]	SQL server	2 days ago
[REDACTED]	App Service	2 days ago
[REDACTED]	App Service plan	2 weeks ago
[REDACTED]	Resource group	2 weeks ago
[REDACTED]	Static Web App	2 weeks ago
[REDACTED]	SQL server	4 weeks ago
[REDACTED]	Resource group	4 weeks ago
[REDACTED]	SQL server	4 weeks ago
[REDACTED]	Resource group	4 weeks ago

At the bottom left is a "Navigate" section with links to "Subscriptions", "Resource groups", "All resources", and "Dashboard". On the far right is a circular button with a play/pause icon.

# Azure Services



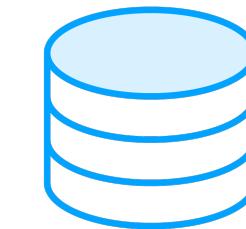
**Compute services**



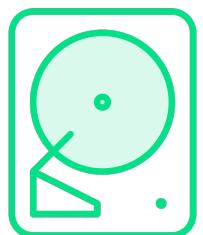
**Messaging**



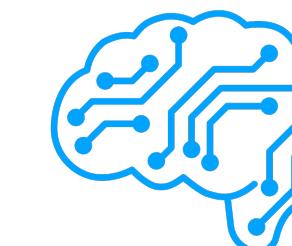
**Identity**



**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



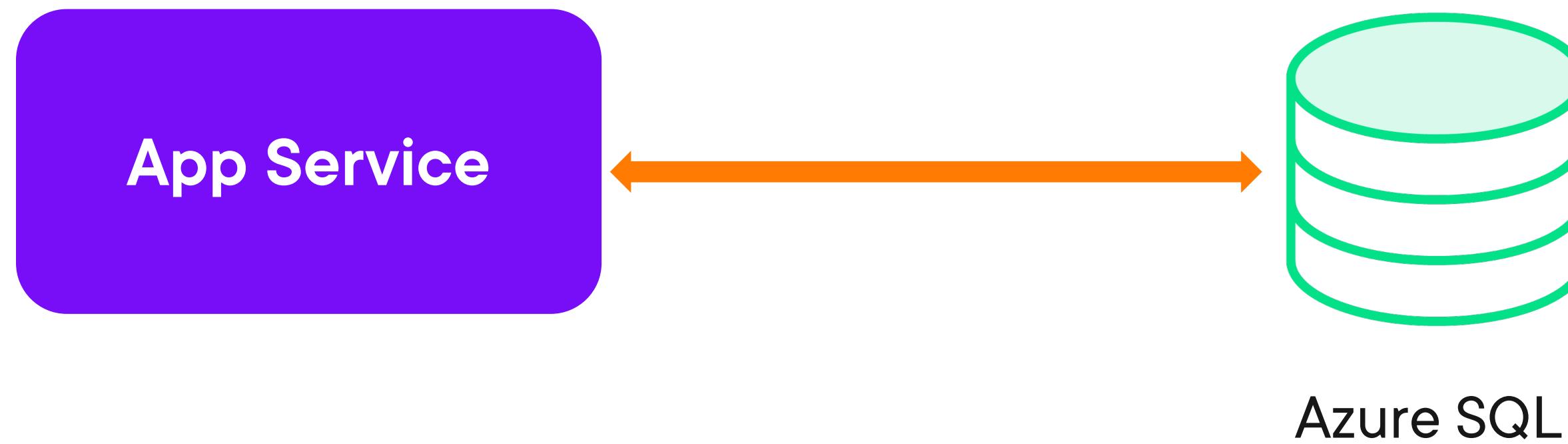
## Exploring the Azure Portal



# Deploying the Application to an Azure App Service



# Our App in Azure



# Deployment Options

Visual Studio publish

CI/CD



# Demo



## Deploying the site and database to Azure



# Summary

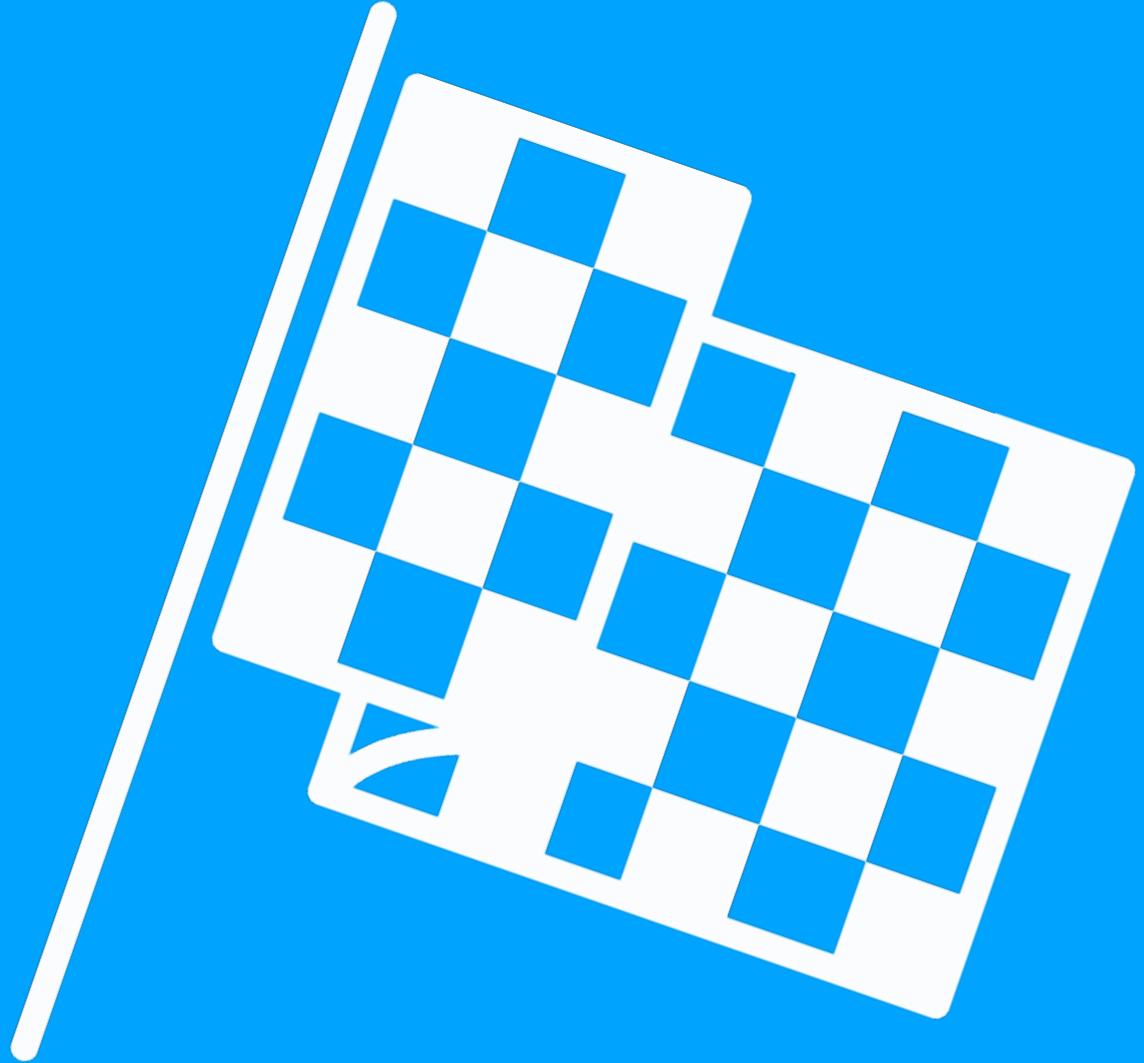


**Azure is Microsoft's cloud platform**

**Azure App Service can be used to host the application**

**Azure SQL can be used to host the database**





**Congratulations  
on finishing this course!**

