



**Code
Academy**



Lecturer

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Deploy to Azure

Data



Today you will learn

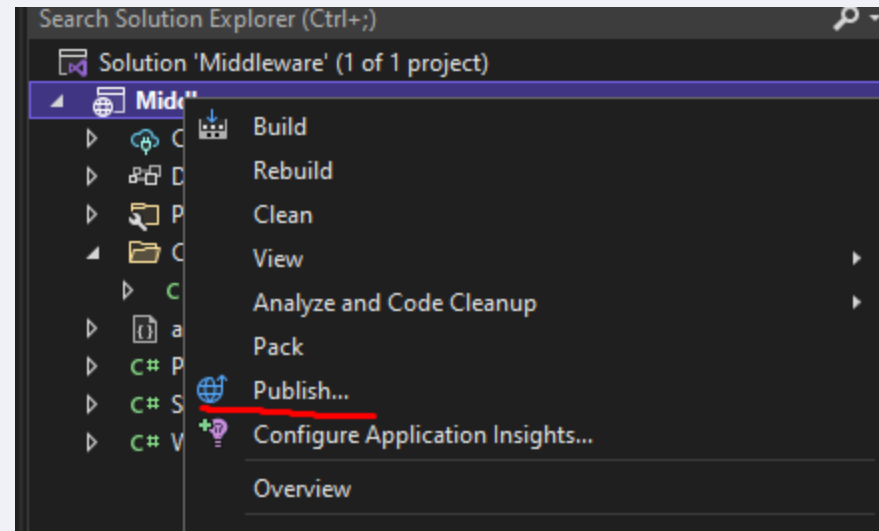
01

How do I deploy a web application to Azure?

Deploy to Azure

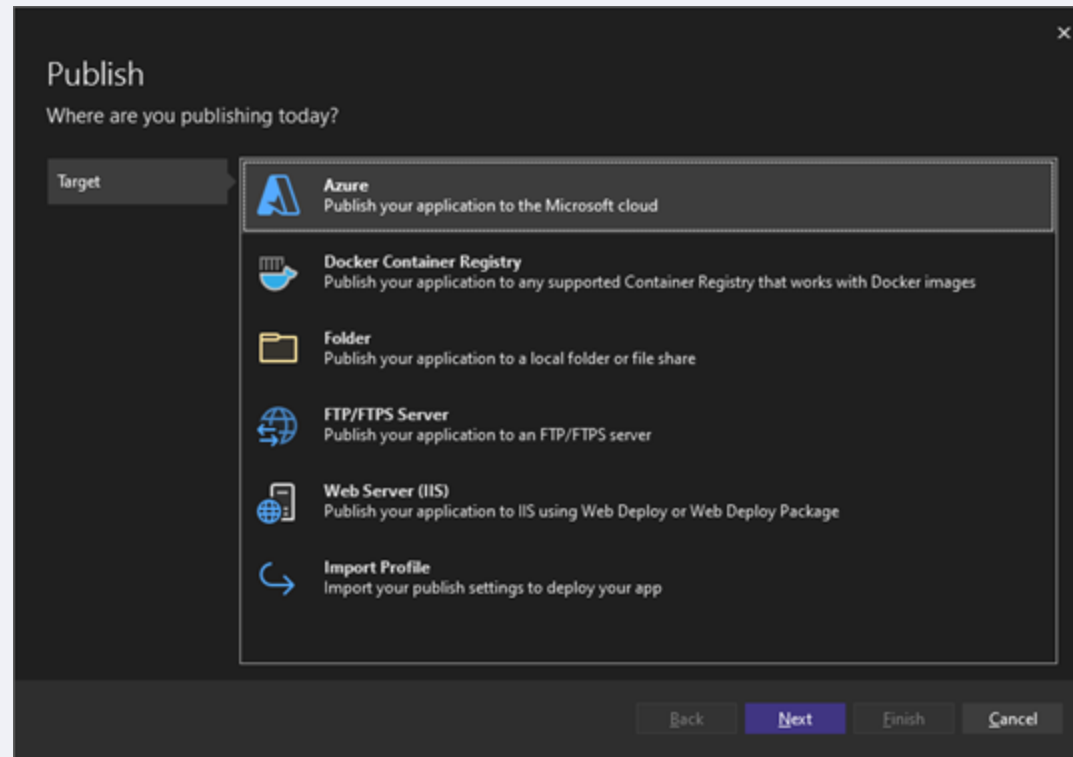


Press Publish



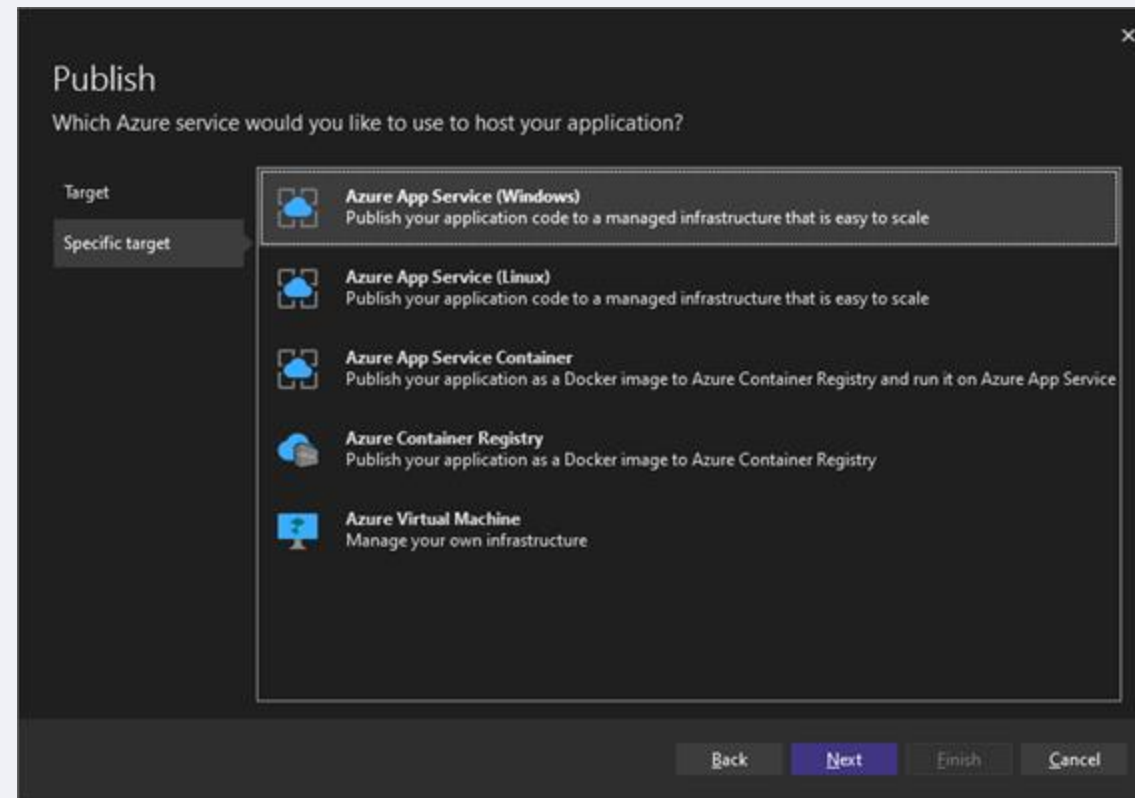


Choose Azure



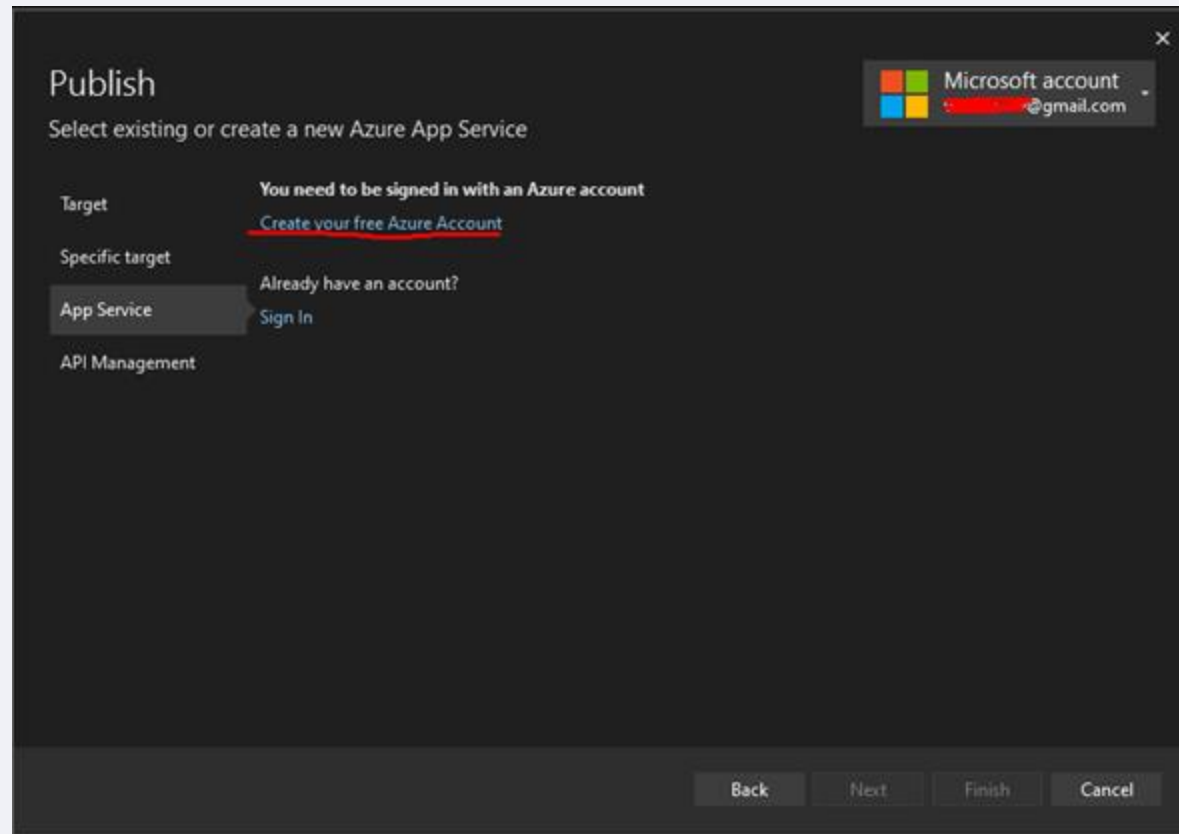


Choose Azure App Service(Windows)






Create a free account








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 Virtual machines


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 Kubernetes services

 Function App

 More services


Resources


Recent Favorite


Name	Type	Last Viewed
 Middleware20220625140928ResourceGroup	Resource group	6 minutes ago


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Navigate



 Subscriptions


 Resource groups


 All resources


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Tools

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 Microsoft Defender for Cloud

 Cost Management



Press Create

[Home](#) >

App Services

Default Directory

[+ Create](#)

[Manage view](#)

[Refresh](#)

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[Open query](#)

[Assign tags](#)

[Start](#)

[Restart](#)

[Stop](#)

[Delete](#)

Filter for any field...

Subscription equals all

Resource group equals all

Location equals all

Add filter

Name ↑↓

Status ↑↓

Location ↑↓



Filling the fields

Create Web App

BasicsDeploymentNetworking (preview)MonitoringTagsReview + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Azure subscription 1

Resource Group *

(New) VilmantasTestAppResource

[Create new](#)

Instance Details

Need a database? [Try the new Web + Database experience.](#)

Name *

VilmantasTestApp

.azurewebsites.net

Publish *

☒ Code ☐ Docker Container ☐ Static Web App

Runtime stack *

ASP.NET V4.8

Operating System *

☐ Linux ☒ Windows

Region *

Central US

[Not finding your App Service Plan? Try a different region or select your App Service Environment.](#)

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Windows Plan (Central US) *

(New) ASP-VilmantasTestAppResource-a618

[Create new](#)

Sku and size *

Free F1

Shared infrastructure, 1 GB memory

Zone redundancy

Review + create

< Previous

Next : Deployment >




Click Review + Create we see the final result

Press Create

Create Web App ...

Basics Deployment Networking (preview) Monitoring Tags Review + create

Summary

 **Web App**
by Microsoft

Free sku
Estimated price - Free

Details

Subscription	833d8c8a-bf55-416d-9bad-e75754d686f2
Resource Group	VilmantasTestAppResource
Name	VilmantasTestApp
Publish	Code
Runtime stack	ASP.NET V4.8

App Service Plan (New)

Name	ASP-VilmantasTestAppResource-a618
Operating System	Windows
Region	Central US
SKU	Free
ACU	Shared infrastructure
Memory	1 GB memory

Monitoring (New)


Application Insights	Enabled
Name	VilmantasTestApp
Region	Central US

Deployment

Continuous deployment	Not enabled / Set up after app creation
-----------------------	---



See the deployment process

 Microsoft.Web-WebApp-Portal-81eecd13-b9f7 | Overview

Deployment

Overview

Inputs

Outputs


Template

Delete


Cancel

Redeploy

Refresh




 We'd love your feedback! →

*** Deployment is in progress

 Deployment name: Microsoft.Web-WebApp-Portal-81eecd13-b9f7
Subscription: Azure subscription 1
Resource group: VilmantasTestAppResource


Start time: 6/25/2022, 2:29:26 PM
Correlation ID: 3bdae6c3-ddee-41d8-9856-6df3b9b87c7c





Deployment details (Download)





Resource	Type	Status	Operation details
 ASP-VilmantasTestAppResource-a618	Microsoft.Web/serverfarms	OK	Operation details
 VilmantasTestApp	microsoft.insights/components	OK	Operation details
 VilmantasTestApp	microsoft.insights/components	OK	Operation details





The deployment is complete and we can click 'Go to resource'



 **Microsoft.Web-WebApp-Portal-81eecd13-b9f7** | Overview ✨ ...
Deployment

Search (Ctrl+/) «  Delete  Cancel  Redeploy  Refresh

 Overview
 Inputs
 Outputs
 Template

 We'd love your feedback! →

 **Your deployment is complete**

 Deployment name: Microsoft.Web-WebApp-Portal-81eecd13-b9f7 Start time: 6/25/2022, 2:29:26 PM
Subscription: Azure subscription 1 Correlation ID: 3bdae6c3-ddee-41d8-9856-6df3b9b87c7c 
Resource group: VilmantasTestAppResource

∨ Deployment details (Download)

∧ Next steps

Manage deployments for your app. Recommended

Protect your app with authentication. Recommended

[Go to resource](#)



Select the App Service instance and click next

Publish

Select existing or create a new Azure App Service

Microsoft account
vilmiswow@gmail.com

Target: Subscription name
Azure subscription 1

Specific target: View
Resource group

App Service

API Management: Search
Middleware20220625143234

App Service instances

- VilmantasTestAppResource
 - Middleware20220625143234
 - Deployment Slots

☐ Deploy as ZIP package

Back Next Finish Cancel



Here we select 'Skip this step' and click Finish

Publish

Enable API consumption for teams, customers, and Logic and Power Apps

Microsoft account
vilmiswow@gmail.com

Target

Subscription name

Azure subscription 1

Specific target

View

Resource group

App Service

Search

API Management

API Management APIs

(No resources found)

☐ Skip this step

Back

Next


Finish

Cancel

Deploy to Azure



Press Publish

 Middleware20220625143234 - Web Deploy.pubxml
Azure App Service (Windows)

Publish

+ New More actions

Ready to publish.

Settings

Configuration	Release
Target Framework	net5.0
Deployment Mode	Framework-dependent
Target Runtime	Portable

Show all settings

Hosting

Subscription	833d8c8a-bf55-416d-9bad-e75754d686f2
Resource group	VilmantasTestAppResource
Resource name	Middleware20220625143234

Site: <https://middleware20220625143234.azurewebsites.net>

Service Dependencies

There are currently no service dependencies configured.
[Add a service dependency](#)



After publishing we can check the 'weatherforecast' endpoint

```
[{"date": "2022-06-26T11:37:42.4097477+00:00", "temperatureC": -15, "temperatureF": 6, "summary": "Warm"}, {"date": "2022-06-27T11:37:42.4173574+00:00", "temperatureC": -14, "temperatureF": 7, "summary": "Chilly"}, {"date": "2022-06-28T11:37:42.4173603+00:00", "temperatureC": 49, "temperatureF": 120, "summary": "Bracing"}, {"date": "2022-06-29T11:37:42.4173607+00:00", "temperatureC": 53, "temperatureF": 127, "summary": "Hot"}, {"date": "2022-06-30T11:37:42.4173609+00:00", "temperatureC": 33, "temperatureF": 91, "summary": "Bracing"}]
```




Task 1

- Deploy any of your apps