Lab: Deploying ASP.NET MVC Core Web Applications

# Scenario

Every functionality for your proposed Photo Sharing application is in place. Your application is ready for deployment.

You have been asked to deploy the Photo Sharing application.

# Objectives

After completing this lab, you will be able to:

* Publish and deploy a .NET Core Web Application.

Estimated Time: 45 minutes

### Exercise 1: Select a Deployment Option

Depending on your preferences, you can chose between multiple options.

Pick up one between:

* [Host On Azure App Service](https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/azure-apps/?view=aspnetcore-2.1) (https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/azure-apps/?view=aspnetcore-2.1)
* [Host On Windows With IIS](https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/iis/?view=aspnetcore-2.1&tabs=aspnetcore2x) (https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/iis/?view=aspnetcore-2.1&tabs=aspnetcore2x)
* [Host In A Windows Service](https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/windows-service?view=aspnetcore-2.1) (https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/windows-service?view=aspnetcore-2.1)
* [Host On Linux With Nginx](https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/linux-nginx?view=aspnetcore-2.1&tabs=aspnetcore2x) (https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/linux-nginx?view=aspnetcore-2.1&tabs=aspnetcore2x)
* [Host On Linux With Apache](https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/linux-apache?view=aspnetcore-2.1&tabs=aspnetcore2x) (https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/linux-apache?view=aspnetcore-2.1&tabs=aspnetcore2x)
* [Host In Docker](https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/docker/?view=aspnetcore-2.1) (https://docs.microsoft.com/en-gb/aspnet/core/host-and-deploy/docker/?view=aspnetcore-2.1)

**Results**: At the end of this exercise, you will be able to decide and select one deployment option.

# Exercise 2: Publish and Deploy

## Scenario

Publish and deploy your web application on the selected environment.

**Results**: At the end of this exercise, you will have published and deployed your web application.