

Getting Started with Azure App Service: Web Apps

Modality: On Demand

Duration: 12 Hours

About this course:

Do you wish to host your apps in the cloud? In this course, you will get to learn the ways in which you can create a host environment with Azure App Service Web Apps. This platform gives you space for constructing and deploying whatever you want by utilizing the features, applications, and frameworks of your own choice. Additionally, the program scales automatically, whenever you want it to. All you need for taking this course is your fundamental programming skills and you will be eligible to take this course with the experts of this field. They will teach you the ways of making use of the Azure portal to construct, deploy, and regulate Azure App Service Web Apps. You will get to take an over-viewing tour of the Azure portal, sign up for a free Azure account, and then indulge yourself into application analytics. You will get to perform in a continuous deployment scenario that is responsible for connecting a GitHub repository to Azure. You will make use of Azure Resource Manager to incorporate an automated deployment. After that, you will configure the diagnostics and log in your deployed application. You will do all of the mentioned tasks in the course alongside your training for identifying and rectifying the problems with your Azure web apps.

This is a hands-on learning styled course. It is self-paced so you will have the advantage of learning concepts at your own ease. The labs in the course will provide you training with a real-world situation and tasks. These will play an important role in your post as a developer. Additionally, you will get resourceful documents and videos with this course that will aid you in getting further learning prospects.

Learning objectives:

The course has the following learning objectives:

- Learning about the concepts like fundamental Azure, Azure App Service, and Azure portal
- Learning techniques of constructing Azure Web Apps and afterwards, deploying the program to Azure websites
- Making effective use of Application Insights and inquiring in the telemetry data
- Incorporating continuous deployment and resource automation scenarios
- Learning techniques for testing, debugging, and logging for Azure App Service Web Apps

Audience:

The course is designed for and is suitable for web developers and programmers.

Requirements:

The candidates should be having fundamental programming expertise. Additionally, having a general knowledge of web app development and modern development components will be an added benefit

during the course of learning.

Course Outline:

Module 1| Introduction to Azure App Service

- Resource Content: Azure App Service
- Labs Overview and Configuration
- Tutorial Lab: Getting Started with Azure
- Tutorial Lab: Creating and Deploying an Azure Web App (FTP Deployment)
- Tutorial Lab: Deploying with Git and Setting Environmental Variables
- Self-Assessment Lab: Creating and Deploying an Azure Web App

Module 2| Application Insights

- Resource Content: Application Insights
- Labs Overview and Configuration
- Tutorial Lab: Integrating App Insights into an App
- Tutorial Lab: Querying App Insights Telemetry
- Self-Assessment Lab: Implementing Application Insights

Module 3| Advanced Deployment Scenarios

- Resource Content: Advanced Deployment Scenarios
- Labs Overview and Configuration
- Tutorial Lab: Implementing Continuous Deployment
- Tutorial Lab: Implementing Resource Automation
- Self-Assessment Lab: Implementing an ARM Deployment

Module 4| Testing, Debugging and Logging

- Resource Content: Testing, Debugging and Logging
- Labs Overview and Configuration
- Tutorial Lab: Exploring Kudu
- Tutorial Lab: Implementing Diagnostics
- Self-Assessment Lab: Implementing Alerts

Module 5| Final Evaluation

- Final Assessments