

20532CC

Developing Microsoft Azure Solutions

4 DAYS

This course is intended for students who have experience building ASP.NET and C# applications. Students will also have experience with the Microsoft Azure platform and a basic understanding of the services offered. This course offers students the opportunity to take an existing ASP.NET MVC application and expand its functionality as part of moving it to Azure. This course focuses on the considerations necessary when building a highly available solution in the cloud. This course also prepares the students for the 70-532: Developing Microsoft Azure Solutions certification exam.

Modül 1: Overview Of The Microsoft Azure Platform

Azure Services
Azure Portals

Modül 2: Building Application Infrastructure in Azure

Constructing Azure Virtual Machines
Azure Virtual Machine Workloads
Migrating Azure Virtual Machine Instances
Highly Available Azure Virtual Machines
Virtual Machine Configuration Management
Customizing Azure Virtual Machine Networking

Modül 3: Hosting Web Applications on the Azure Platform

Azure Web Apps
Hosting Web Applications in Azure
Configuring an Azure Web App
Publishing an Azure Web App

Modül 4: Storing SQL Data in Azure

Storing SQL Data in Azure
Managing SQL Databases in Azure
Azure SQL Database Tools
Securing and Recovering an Azure SQL Database Instance

Modül 5: Designing Cloud Applications For Resiliency

Application Design Practices for Highly Available Applications
Application Analytics
Building High Performance Applications by Using ASP.NET
Common Cloud Application Patterns
Caching Application Data

Modül 6: Storing Tabular Data in Azure

Azure Storage Overview
Azure Storage Tables Overview
Table Entity Transactions

Modül 7: Storing and Consuming Files from Azure Storage

Storage Blobs
Controlling Access to Storage Blobs and Containers
Configuring Azure Storage Accounts
Azure Files

Modül 8: Designing a Communication Strategy by Using Queues and Service Bus

Azure Storage Queues
Azure Service Bus
Azure Service Bus Queues
Azure Service Bus Relay
Azure Service Bus Notification Hubs

Modül 9: Automating Integration with Azure Resources

Azure SDK Client Libraries
Scripting Azure Service Management by Using Windows PowerShell
Azure REST Interface
Azure Resource Manager

Modül 10: Securing Azure Web Applications

Azure Active Directory
Azure AD Directories
Azure AD Multi-Factor Authentication