

MCSA: Developing Microsoft Azure Solutions (Exam 70-532)



Course Outline:

Module 1: Overview of the Microsoft Azure

- Azure Services
- Azure Portals

Module 2: Building Application Infrastructure in

- 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

Module 3: Hosting Web Applications on the Azure

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

Module 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

Module 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

Module 6: Storing Tabular Data in Azure

- Azure Storage Overview
- Azure Storage Tables Overview
- Table Entity Transactions

Module 7: Storing and Consuming Files from Azure Storage

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

Module 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

Module 9: Automating Integration with Azure Resources

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

Module 10: Securing Azure Web Applications



ASM Educational Center (ASM)



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