

Microsoft Azure Architect Technologies AZ-303

Overview

The Microsoft Azure Architect Technologies AZ-303 online training course prepares you for a career as a certified Azure Cloud Solutions Architect. You will learn how to manage Azure resources, configure and deploy virtual machines, and master Azure Cognitive Services solutions as you become familiar with the Azure platform.

Course Content

Section 01: Course Introduction

- Lesson 01: Course Introduction

Section 02: Implement and Monitor an Azure Infrastructure

- Lesson 01: Implement Cloud Infrastructure Monitoring
- Lesson 02: Implement Storage Accounts
- Lesson 03: Implement VM's for Windows and Linux
- Lesson 04: Automate Deployment and Configuration of Resources
- Lesson 05: Implement Virtual Networking
- Lesson 06: Implement Azure Active Directory
- Lesson 07: Implement and Manage Hybrid Identities

Section 03: Implement Management and Security Solutions

- Lesson 01: Manage Workloads in Azure
- Lesson 02: Implement Load Balancing and Network Security
- Lesson 03: Implement and Manage Azure Governance Solutions
- Lesson 04: Manage Security for Applications

Section 04: Implement Solutions for Apps

- Lesson 01: Implement an Application Infrastructure
- Lesson 02: Implement Container based App

Section 05: Implement and Manage Data Platforms

- Lesson 01: Implement NoSQL Databases
- Lesson 02: Implement Azure SQL databases

Learning Objectives

After completing this online Azure certification training course, you will be able to:

- Manage Azure subscriptions and resources.
- Configure, deploy, and manage virtual machines and networks
- Evaluate and perform server migration to Azure
- Implement and manage advanced virtual networking and application services
- Manage and secure identities
- Select compute and storage solutions
- Perform hybrid networking
- Evaluate the throughput and structure of data access
- Create web applications using PaaS
- Create apps and services running on Service Fabric
- Use Azure Kubernetes Service for health monitoring and maintenance
- Develop long-running tasks and distributed transactions
- Configure a message-based integration architecture
- Develop for asynchronous processing and auto scaling
- Create Azure Cognitive Services solutions