

Implementing Workloads and Security

Exam AZ-300 (2 of 5) | 1 Day Workshop

This is one of the five MOC workshops for the Exam AZ-300: Azure Architect Technologies

Audience Profile

Successful Azure Solutions Architects start this role with experience in operating systems, virtualization, cloud infrastructure, storage structures, billing, and networking.

Prerequisites

Prior to taking this course, it is recommended that you have passed the Azure Administrator (AZ-103) exam.

Course Duration: 1 Day

Course Outline

Module 1: Evaluating and Performing Server Migration to Azure

This module covers migrating workloads to a new environment, whether it be another datacenter, or to a public cloud, and setting clear goals for the migration. Goals include both technology-focused and business-focused goals for migrations, and the benefits to an organization's business. Activities include components of the Azure migration process: creating a project, creating a collector, assessing readiness, and estimating costs. Additionally, you will receive an overview of Azure Site Recovery (ASR) that includes and end-to-end scenarios.

After completing this module, students will be able to:

- Evaluate and Perform Server Migration to Azure

Module 2: Implementing and Managing Application Services

Lessons

- Deploying Web Apps
- Managing Web Apps
- App Service Security
- Serverless Computing Concepts
- Managing Event Grid
- Managing Service Bus
- Managing Logic App

After completing this module, students will be able to:

- Implement and Manage Application Services

Module 3: Implementing Advanced Virtual Networking

Lessons

- Azure Load Balancer
- Azure Application Gateway
- Site-to-Site VPN Connections

As well as an overview of ExpressRoute which allows companies to extend on-premises networks into the Microsoft cloud over a dedicated private connection facilitated by a connectivity provider

After completing this module, students will be able to:

- Implementing Advanced Virtual Networking

Module 4: Securing Identities

Lessons

- Azure AD Identity Protection
- Azure Domains and Tenants
- Azure Users and Groups
- Azure Roles

As well as an overview of Azure AD integration options that focuses on Azure AD Connect to integrate on-premises directories with Azure Active Directory

After completing this module, students will be able to:

- Secure Identities using Azure AD