

Microsoft Azure Administrator

Course Duration: 32 Hrs.

Course Code: AZ-104

Course Overview

This course teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.

What you'll learn?

Microsoft Azure Administrator teaches you how to manage and administer Azure infrastructure, including identities, compute, storage, virtual networks, and governance, preparing you for a role as an Azure Administrator.

Target Audience

- ❖ IT professionals who manage Azure environments.
- ❖ Azure Administrators, Cloud Architects, and DevOps Engineers.

Pre-Requisites

- ❖ **Basic Azure Knowledge:** Familiarity with core Azure services, workloads, security, and governance.
- ❖ **Hands-On Experience:** At least six months of experience administering Azure environments.
- ❖ **Technical Skills:** Proficiency in using tools like PowerShell, Azure CLI, Azure Portal, and Azure Resource Manager templates.
- ❖ **General IT Knowledge:** Understanding operating systems, networking, servers, and virtualization.

Course Content

Module 01 – Administer Identity

- Configure Entra ID Identities
- Configure User and Groups Accounts

Module 02 – Administer Governance and Compliance

- Configure Subscriptions
- Configure Azure Policy
- Configure Role Based Access Control

Module 03 –Administer Azure Resources

- Configure Azure Resources with Tools
- Configure Resources with ARM templates

Module 04 – Administer Virtual Networking

- Configure Virtual Networks
- Configure Network Security Groups
- Configure Azure DNS

Module 05 – Administer Intersite Connectivity

- Configure VNet Peering
- Configure Network Routing and Endpoints

Module 06 – Administer Network Traffic

- Configure Azure Load Balancer
- Configure Azure Application Gateway
- Configure Network Watcher

Module 07 – Administer Azure Storage

- Configure Storage Accounts
- Configure Blob Storage
- Configure Blob Storage
- Configure Storage Security
- Configure Azure Files and File Sync

Module 08 – Administer Azure Virtual Machines

- Configure Virtual Machines
- Configure Virtual Machine Availability

Module 09 - Administer PaaS Compute Options

- Configure App Service Plans
- Configure App Service
- Configure Azure Container Instances

Module 10 – Administer Data Protection

- Configure File and Folder Backups
- Configure Virtual Machine Backups

Module 11 –Administer Monitoring

- Configure Azure Monitor
- Configure Azure Alerts

Exam Preference

Exam Code	Az-104
Exam Duration	2 Hrs.
Total Score	1000
Passing Score	700