AZ-104 Syllabus

Module 01 - Administer Identity

In this module, you will learn how to secure identities with Azure Active Directory, and implement users and groups. This module includes:

Configure Azure Active Directory
Configure User and Group Accounts

Module 02 – Administer Governance and Compliance

In this module, you will learn about managing your subscriptions and accounts, implementing Azure policies, and using Role-Based Access Control. This module includes:

Configure Subscriptions and Accounts
Configure Azure Policy
Configure Role-Based Access Control (RBAC)

Module 03 – Administer Azure Resources

In this module, you will learn about the tools an Azure Administrator uses to manage their infrastructure. This includes the Azure Portal, Cloud Shell, Azure PowerShell, CLI, and Resource Manager Templates. This module includes:

Configure Resources with Tools
Use Azure Resource Manager
Configure Resources with ARM Templates

Module 04 – Administer Virtual Networking

In this module, you will learn about basic virtual networking concepts like virtual networks and subnetting, IP addressing, Azure DNS, network security groups, and Azure Firewall. This module includes:

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

Module 05 – Administer Intersite Connectivity

In this module, you will learn about intersite connectivity features including VNet Peering, Virtual Network Gateways, and VPN Gateway Connections. This module includes:

Configure VNet Peering
Configure VPN Gateway Connections
Configure ExpressRoute and Virtual WAN

Module 06 – Administer Network Traffic Management

In this module, you will learn about network traffic strategies including network routing and service endpoints, Azure Load Balancer, and Azure Application Gateway. This module includes:

Configure Network Routing and Endpoints
Configure Azure Load Balancer
Configure Azure Application Gateway

Module 07 – Administer Azure Storage

In this module, you will learn about basic storage features including storage accounts, blob storage, Azure files and File Sync, storage security, and storage tools. This module includes:

Configure Storage Accounts

Configure Blob Storage
Configure Storage Security

Configure Azure Files and File Sync

Configure Storage with Tools

Module 08 – Administer Azure Virtual Machines

In this module, you will learn about Azure virtual machines including creating, availability and extensions. This module includes:

Configure Virtual Machines

Configure Virtual Machine Availability

Configure Virtual Machine Extensions

Module 09 - Administer PaaS Compute Options

In this module, you will learn administer computing features like Azure App Service, Azure Container Instances, and Kubernetes. This module includes:

Configure Azure App Service Plans

Configure Azure App Services

Configure Azure Container Instances

Configure Azure Kubernetes Services

Module 10 – Administer Data Protection

In this module, you will learn about backing up files and folders, and virtual machine backups. This module includes:

Configure File and Folder Backups
Configure Virtual Machine Backups

Module 11 – Administer Monitoring

In this module, you will learn about monitoring your Azure infrastructure including Azure Monitor, alerting, and log analytics. This module includes:

Configure Azure Monitor
Configure Azure Alerts
Configure Log Analytics
Configure Network Watcher