

AZ-104: Microsoft Azure Administrator

Content

Module 1: Identity

- **Lessons:**
 - Azure Active Directory
 - Users and Groups
 - **Lab:** Manage Azure Active Directory Identities
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Module 2: Governance and Compliance

- **Lessons:**
 - Subscriptions and Accounts
 - Azure Policy
 - Role-based Access Control (RBAC)
 - **Lab:** Manage Subscriptions and RBAC
 - **Lab:** Manage Governance via Azure Policy
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Module 3: Azure Administration

- **Lessons:**
 - Azure Resource Manager
 - Azure Portal and Cloud Shell
 - Azure PowerShell and CLI
 - ARM Templates
 - **Lab:** Manage Azure resources by Using the Azure Portal
 - **Lab:** Manage Azure resources by Using ARM Templates
 - **Lab:** Manage Azure resources by Using Azure PowerShell
 - **Lab:** Manage Azure resources by Using Azure CLI
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Module 4: Virtual Networking

- **Lessons:**
 - Virtual Networks
 - IP Addressing
 - Network Security Groups
 - Azure Firewall
 - Azure DNS
- **Lab:** Implement Virtual Networking

Module 5: Intersite Connectivity

- **Lessons:**
 - VNet Peering
 - VPN Gateway Connections
 - ExpressRoute and Virtual WAN
 - **Lab:** Implement Intersite Connectivity
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Module 6: Network Traffic Management

- **Lessons:**
 - Network Routing and Endpoints
 - Azure Load Balancer
 - Azure Application Gateway
 - Traffic Manager
 - **Lab:** Implement Traffic Management
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Module 7: Azure Storage

- **Lessons:**
 - Storage Accounts
 - Blob Storage
 - Storage Security
 - Azure Files and File Sync
 - Managing Storage
 - **Lab:** Manage Azure Storage
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Module 8: Azure Virtual Machines

- **Lessons:**
 - Virtual Machine Planning
 - Creating Virtual Machines
 - Virtual Machine Availability
 - Virtual Machine Extensions
 - **Lab:** Manage Virtual Machines
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Module 9: Serverless Computing

- **Lessons:**
 - Azure App Service Plans

- Azure App Service
 - Container Services
 - Azure Kubernetes Service
 - **Lab:** Implement Web Apps
 - **Lab:** Implement Azure Container Instances
 - **Lab:** Implement Azure Kubernetes Service
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Module 10: Data Protection

- **Lessons:**
 - File and Folder Backups
 - Virtual Machine Backups
 - **Lab:** Implement Data Protection
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Module 11: Monitoring

- **Lessons:**
 - Azure Monitor
 - Azure Alerts
 - Log Analytics
 - Network Watcher
- **Lab:** Implement Monitoring