

MAZR-53 - MOC AZ-104T00 - MICROSOFT AZURE ADMINISTRATOR

Categoria: **Azure**

INFORMAZIONI SUL CORSO



Durata:
4 Giorni



Categoria:
Azure



Qualifica Istruttore:
Microsoft Certified
Trainer



Dedicato a:
Professionista IT



Produttore:
Microsoft

OBIETTIVI

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.

PREREQUISITI

Successful Azure Administrators start this role with experience in virtualization, networking, identity, and storage.

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
- Understanding of network configurations, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts, including users, groups, and role-based access control.
- Understanding of resilience and disaster recovery, including backup and restore operations.

CONTENUTI

Module 1: Identity

- Azure Active Directory
- Users and Groups

Lab : Manage Azure Active Directory Identities

Module 2: Governance and Compliance

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

Lab : Manage Subscriptions and RBAC

Lab : Manage Governance via Azure Policy

Module 3: Azure Administration

- Azure Resource Manager
- Azure Administrator Tools
- ARM Templates

Lab : Manage Azure resources by Using ARM Templates

Lab : Manage Azure resources by Using Azure PowerShell (optional)

Lab : Manage Azure resources by Using Azure CLI (optional)

Lab : Manage Azure resources by Using the Azure Portal

Module 4: Virtual Networking

- Virtual Networks
- Network Security groups
- Azure Firewall
- Azure DNS

Lab : Implement Virtual Networking

Module 5: Intersite Connectivity

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

Lab : Implement Intersite Connectivity

Module 6: Network Traffic Management

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

Lab : Implement Traffic Management

Module 7: Azure Storage

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

Lab : Manage Azure storage

Module 8: Azure Virtual Machines

- Virtual Machine Planning
- Creating Virtual Machines
- Virtual Machine Availability
- Virtual Machine Extensions

Lab : Manage virtual machines

Module 9: Serverless Computing

- Azure App Service Plans

- Azure App Service
- Container Services
- Azure Kubernetes Service

Lab : Implement Web Apps

Lab : Implement Azure Kubernetes Service

Lab : Implement Azure Container Instances

Module 10: Data Protection

- File and Folder Backups
- Virtual Machine Backups

Lab : Implement Data Protection

Module 11: Monitoring

- Azure Monitor
- Azure Alerts
- Log Analytics
- Network Watcher

Lab : Implement Monitoring

INFO

Esame: AZ-104 - Microsoft Azure Administrator

Manuale: Materiale didattico ufficiale Microsoft in formato digitale

Prezzo manuale: 210 € incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)