

# 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

### **Prerequisites for Azure administrators**

- Manage services with the Azure portal
- Introduction to Azure Cloud Shell
- Introduction to Bash
- Introduction to PowerShell
- Deploy Azure infrastructure by using JSON ARM templates

### **Manage identities and governance in Azure**

- Understand Microsoft Entra ID
- Create, configure, and manage identities
- Describe the core architectural components of Azure
- Azure Policy initiatives
- Secure your Azure resources with Azure role-based access control (Azure RBAC)
- Allow users to reset their password with Microsoft Entra self-service password reset

**Configure and manage virtual networks for Azure administrators**

- Configure virtual networks
- Configure network security groups
- Host your domain on Azure DNS
- Configure Azure Virtual Network peering
- Manage and control traffic flow in your Azure deployment with routes
- Introduction to Azure Load Balancer
- Introduction to Azure Application Gateway
- Introduction to Azure Network Watcher

**Implement and manage storage in Azure**

- Configure storage accounts
- Configure Azure Blob Storage
- Configure Azure Storage security
- Configure Azure Files

**Deploy and manage Azure compute resources**

- Introduction to Azure virtual machines
- Configure virtual machine availability
- Configure Azure App Service plans
- Configure Azure App Service
- Configure Azure Container Instances

**Monitor and back up Azure resources**

- Introduction to Azure Backup
- Protect your virtual machines by using Azure Backup
- Introduction to Azure Monitor
- Improve incident response with Azure Monitor alerts
- Analyze your Azure infrastructure by using Azure Monitor logs

**INFO**

**Esame:** AZ-104 - Microsoft Azure Administrator

**Materiale didattico:** Materiale didattico ufficiale Microsoft in formato digitale

**Costo materiale didattico:** incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)