

Microsoft Azure administration - AZ-104

Course: **00165**

Filter: **Beginner**

Duration: **4 days**

Category:: **Networking**

Price: **2794,00 €**

About Course

This course is designed for Azure administrators responsible for management, monitoring and governance of Azure services. Participants will acquire practical skills for deploying, configuring and maintaining Azure solutions.

What you'll learn

- Acquire the practical skills needed to deploy, configure and maintain Azure solutions
- Prepare participants for the Microsoft AZ-104 exam

Targeted audience

- Microsoft technical managers
- Systems administrators

Pre-requisites

- Completion of the Azure Fundamentals course or equivalent recommended but not mandatory
- Functional knowledge of IT and Microsoft tools

Curriculum

Module 1: Managing identities

- Managing identities and governance in Azure
- Understanding identities in Entra ID
- Creating, configuring and managing identities

Module 2: Managing governance and compliance

- Describing the main architectural components of Azure
- Azure Policy Initiatives
- Securing Azure resources with role-based access control (RBAC)

Module 3: Administering Azure resources

- Prerequisites for Azure administrators
- Managing services via the Azure portal
- Introduction to PowerShell and Bash
- Deploying Azure resources using templates

Module 4: Administering virtual networks

- Configuring and managing virtual networks for Azure administrators
- Configuring virtual networks
- Configuring Network Security Groups
- Hosting a domain on Azure DNS

Module 5: Managing connectivity between sites

- Configuring virtual network interconnection (VNet Peering)
- Managing and controlling traffic flow with routes

Module 6: Managing network traffic

- Introduction to Azure Load Balancer
- Introduction to Application Gateway
- Introduction to Network Watcher

Module 7: Administering Azure storage

- Implementing and managing storage in Azure
- Configuring Storage Accounts
- Configuring Blob Storage and Security
- Configuring Azure Files

Module 8: Administering Azure virtual machines

- Deploying and managing Azure compute resources
- Introduction to Azure virtual machines
- Configuring the availability of virtual machines

Module 9: Administering compute PaaS options

- Configuring Azure App Service plans and services
- Configuring Azure container instances

Module 10: Administering data protection

- Monitoring and backing up Azure resources
- Introduction to Azure Backup
- Protecting your virtual machines with Azure Backup

Module 11: Administering monitoring

- Introduction to Azure Monitor
- Improving incident response with Azure Alerts
- Analysing infrastructure with Azure Monitor logs