

# Microsoft Azure Administrator

## Description

This course explains 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.

## Meta Fields

**Certifiant :** Array

**Contenu Cours :**

- Module 1: Configure Azure Active Directory
- Module 2: Configure user and group accounts
- Module 3: Configure subscriptions
- Module 4: Configure Azure Policy
- Module 5: Configure role-based access control
- Module 6: Configure Azure resources with tools
- Module 7: Use Azure Resource Manager
- Module 8: Configure resources with Azure Resource Manager templates
- Module 9: Configure virtual networks
- Module 10: Configure network security groups
- Module 11: Configure Azure Firewall
- Module 12: Configure Azure DNS
- Module 13: Configure Azure Virtual Network peering
- Module 14: Configure Azure VPN Gateway
- Module 15: Configure Azure ExpressRoute and Azure Virtual WAN
- Module 16: Configure network routing and endpoints
- Module 17: Configure Azure Load Balancer
- Module 18: Configure Azure Application Gateway
- Module 19: Configure storage accounts
- Module 20: Configure Azure Blob Storage
- Module 21: Configure Azure Storage security
- Module 22: Configure Azure Files and Azure File Sync
- Module 23: Configure Azure Storage with tools
- Module 24: Configure virtual machines
- Module 25: Configure virtual machine availability
- Module 26: Configure virtual machine extensions
- Module 27: Configure Azure App Service plans
- Module 28: Configure Azure App Service
- Module 29: Configure Azure Container Instances
- Module 30: Configure Azure Kubernetes Service
- Module 31: Configure file and folder backups
- Module 32: Configure virtual machine backups
- Module 33: Configure Azure Monitor
- Module 34: Configure Azure alerts
- Module 35: Configure Log Analytics
- Module 36: Configure Network Watcher

**Lab Exercices :**

- Official Microsoft Labs

**Documentation :**

- Access to Microsoft Learn (online learning content)

**Examen :**

- This course prepares for the certification AZ-104: Microsoft Azure Administrator
- If you wish to take this exam, please select it when you add the course to your basket

**Profils Participants :**

- Azure Administrators who implements, manages, and monitors identity, governance, storage, compute, and virtual networks in a cloud environment

**Connaissances :**

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks
- Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies
- Understanding of Active Directory concepts, including domains, forests, domain controllers, replication, Kerberos protocol, and Lightweight Directory Access Protocol (LDAP)
- Understanding of resilience and disaster recovery, including backup and restore operations

**Objectifs :**

- Use Azure Monitor
- Create Azure alerts
- Query using Log Analytics
- Use Network Watcher

**Examen Inclus :** Optionnel

**Duree Unite :** jour

**Duree Nombre :** 4

**Reference :** AZ-104T00