



*Training Course:
Microsoft Azure Administrator*

*9 - 13 May 2027
Cairo (Egypt)*

Training Course: Microsoft Azure Administrator

Training Course code: IT234692 From: 9 - 13 May 2027 Venue: Cairo (Egypt) - Training Course Fees: 4100 € Euro

Introduction

This training 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.

Course Objectives

- How to secure identities with Azure Active Directory, and implement users and groups.
- Manage subscriptions and accounts, implementing Azure policies, and using Role-Based Access Control.
- What are the tools an Azure Administrator uses to manage their infrastructure?
- What are the basic virtual networking concepts like virtual networks and sub-netting, IP addressing, network security groups, Azure Firewall, and Azure DNS?
- Interstice connectivity features including VNet Peering, Virtual Network Gateways, and Site-to-Site Connections.
- Network traffic strategies including network routing and service endpoints, Azure Load Balancer, and Azure Application Gateway.
- Basic storage features including storage accounts, blob storage, Azure files and File Sync, storage security, and storage tools.
- Azure virtual machines including planning, creating, availability and extensions.
- How to administer server less computing features like Azure App Service, Azure Container Instances, and Kubernetes.
- Backing up files and folders, and virtual machine backups.
- Monitoring your Azure infrastructure including Azure Monitor, alerting, and log analytics.

Target Audience

- Azure Administrators
- Professionals responsible for implementing, managing, and monitoring cloud environments
- Individuals managing identity, governance, storage, compute, and virtual networking in Azure
- Administrators responsible for provisioning, sizing, monitoring, and optimizing cloud resources

- IT professionals working with Microsoft Azure infrastructure services

Course Outlines

Day 1: Identity & Governance

- Azure Active Directory
- Users and Groups
- Subscriptions and Accounts
- Role-Based Access Control RBAC
- Azure Policy
- Lab: Manage Azure Active Directory identities
- Lab: Manage subscriptions and RBAC
- Lab: Manage governance via Azure Policy

Day 2: Azure Administration & Resource Management

- Azure Resource Manager ARM
- Azure Administrator tools
- ARM templates
- Azure Portal management
- Azure PowerShell optional
- Azure CLI optional
- Lab: Manage Azure resources using ARM templates
- Lab: Manage Azure resources using Azure Portal
- Lab: Manage Azure resources using PowerShell optional
- Lab: Manage Azure resources using Azure CLI optional

Day 3: Virtual Networking

- Virtual Networks VNets
- Network Security Groups NSG
- Azure Firewall
- Azure DNS public & private zones
- VNet Peering
- Lab: Implement virtual networking
- Lab: Configure DNS zones

Day 4: Connectivity, Traffic & Compute

- VPN Gateway connections
- ExpressRoute and Virtual WAN
- Network routing and endpoints
- Azure Load Balancer
- Azure Application Gateway
- Virtual Machines planning, creation, availability, extensions
- Lab: Implement inter-site connectivity
- Lab: Implement traffic management
- Lab: Manage virtual machines

Day 5: Storage, PaaS, Backup & Monitoring

- Azure Storage accounts
- Blob storage
- Azure Files and File Sync
- Storage security and management
- Azure App Service and App Service Plans
- Containers and Kubernetes AKS
- Azure Container Instances
- Data protection VM and file backups
- Azure Monitor, Alerts, Log Analytics, Network Watcher
- Lab: Manage Azure storage
- Lab: Implement web apps, AKS, and container instances
- Lab: Implement data protection
- Lab: Implement monitoring

Registration form on the Training Course: Microsoft Azure Administrator

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