BOOST
THE LEADING TRAINING PROVIDER

Information Technology

Microsoft Azure Administrator

Course Introduction

This training course is designed to provide participants with the key concepts on how to manage 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 solution.

Target Audience

- Cloud Computing Engineer
- Computer Network Specialist
- Computer Support Specialist
- Database Administrator
- Information Technology Analyst
- Information Technology Leadership
- Information Security Specialist
- Software/Application Developer
- Web Developer
- Technology sales consultant

Learning Objectives

- Secure and manage identities with Azure Active Directory.
- Implement and manage users and groups.
- Manage subscriptions and accounts, implementing Azure policies, and using Role-Based Access Control.
- Implement and manage Azure subscriptions and accounts.
- Implement Azure Policy, including custom policies.

- Use RBAC to assign permissions.
- Leverage Azure Resource Manager to organize resources.
- Use the Azure Portal and Cloud Shell, Azure PowerShell and CLI, and ARM Templates to deploy resources.
- Implement virtual networks and subnets.
- Configure public and private IP addressing, network security groups, Azure Firewall, private and public DNS zones.
- Configure network routing including custom routes and service endpoints.
- Configure an Azure Load Balancer, and Azure Application Gateway.
- Choose the appropriate network traffic solution.

Course Outline

- **Day 01**

  Module 1: Identity

  - Azure Active Directory
  - Users and Groups

  Module 2: Governance and Compliance

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

- **Day 02**

  Module 3: Azure Administration

  - Azure Resource Manager
  - Azure Portal and Cloud Shell
  - Azure PowerShell and CLI
  - ARM Templates

  Module 4: Virtual Networking

  - Virtual Networks
  - IP Addressing
  - Network Security groups

- ◦ Azure Firewall
- ◦ Azure DNS
- **Day 03**

  Module 5: Intersite Connectivity

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

  Module 6: Network Traffic Management

  - ◦ Network Routing and Endpoints
  - ◦ Azure Load Balancer
  - ◦ Azure Application Gateway
  - ◦ Traffic Manager
- **Day 04**

  Module 7: Azure Storage

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

  Module 8: Azure Virtual Machines

  - ◦ Virtual Machine Planning
  - ◦ Creating Virtual Machines
  - ◦ Virtual Machine Availability
  - ◦ Virtual Machine Extensions
- **Day 05**

  Module 9: Serverless Computing

  - ◦ Azure App Service Plans
  - ◦ Azure App Service
  - ◦ Container Services
  - ◦ Azure Kubernetes Service

  Module 10: Data Protection

  - ◦ File and Folder Backups
  - ◦ Virtual Machine Backups

Module 11: Monitoring

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

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 16, 2025	June 20, 2025	5 days	4250.00 $	UAE - Dubai
Sept. 8, 2025	Sept. 12, 2025	5 days	4950.00 $	Azerbaijan - Baku
Dec. 15, 2025	Dec. 19, 2025	5 days	4250.00 $	UAE - Abu Dhabi