

MICROSOFT AZURE ADMINISTRATOR (AZ-104)

“Build, Manage, and Secure Enterprise-Grade Cloud Solutions on Microsoft Azure”

Schedule

Date	Venue	Fees (Face-to-Face)
07 - 11 Jun 2026	Riyadh - KSA	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Microsoft Azure has become one of the world’s leading cloud platforms, enabling organizations to build scalable, secure, and high-performance IT infrastructures. Azure administrators play a critical role in managing cloud resources, ensuring availability, security, and optimal performance of enterprise workloads.

This intensive 5-day AZ-104 training provides hands-on knowledge and practical skills required to manage Azure subscriptions, virtual networks, storage, compute resources, and security. The course prepares participants to confidently perform day-to-day Azure administration tasks while aligning with Microsoft best practices and cloud governance standards.

Objectives

By the end of this course, participants will be able to:

- Understand core Azure architecture and services
- Manage Azure subscriptions, identities, and governance
- Deploy and manage virtual machines and containers
- Configure and manage Azure networking services
- Implement storage solutions and data protection
- Monitor, secure, and optimize Azure resources
- Prepare for the Microsoft AZ-104 certification exam

Why Attend

- Gain practical, job-ready Azure administration skills
- Prepare effectively for the AZ-104 certification exam
- Learn best practices for cloud governance and security
- Improve efficiency in managing Azure environments
- Support organizational cloud transformation initiatives

Target Audience

This program is designed for:

- Azure administrators and cloud engineers
- System administrators transitioning to the cloud
- IT infrastructure and operations professionals
- Network and security engineers working with Azure
- Professionals preparing for Microsoft AZ-104 certification

Individual Benefits

Key competencies that will be developed include:

- Strong understanding of Azure core services and architecture
- Ability to deploy, manage, and monitor Azure resources
- Skills in identity, access management, and security
- Practical experience with Azure networking and storage
- Confidence to manage enterprise-scale cloud environments

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved reliability and performance of cloud infrastructure
- Enhanced security and governance of Azure environments
- Reduced operational risks and downtime
- Efficient use of cloud resources and cost optimization
- Strong internal capability for Azure platform management

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - In-depth explanation of Azure architecture, services, and administration concepts
- Case Studies - Real-world cloud deployment and management scenarios
- Workshops - Hands-on labs for configuring Azure compute, storage, and networking
- Peer Exchange - Group discussions on cloud challenges and best practices
- Tools - Azure Portal, PowerShell, Azure CLI, and monitoring dashboards

Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Azure Fundamentals and Governance

Module 1: Introduction to Microsoft Azure (07:30 – 09:30)

- Azure architecture and core services
- Azure subscriptions, tenants, and management groups
- Azure regions and availability options

Module 2: Identity and Access Management (09:45 – 11:15)

- Azure Active Directory fundamentals
- Users, groups, and role-based access control (RBAC)
- Identity protection and conditional access

Module 3: Governance and Compliance (11:30 – 01:00)

- Azure policies, blueprints, and resource locks
- Cost management and budgeting
- Tagging and resource organization

Module 4: Hands-on Labs (02:00 – 03:30)

- Subscription and identity configuration
- RBAC and governance setup

Day 2: Azure Compute Services

- Virtual machines deployment and management
- Availability sets and scale sets
- Azure App Services and containers
- Backup and recovery for compute resources

Day 3: Azure Storage Solutions

- Azure storage accounts and services
- Blob, file, queue, and table storage
- Data replication and redundancy
- Storage security and access management

Day 4: Azure Networking

- Virtual networks, subnets, and routing
- Network security groups and firewalls
- Load balancing and traffic management
- VPN gateways and hybrid connectivity

Day 5: Monitoring, Security, and Optimization

- Azure Monitor, alerts, and diagnostics
- Azure Security Center and Defender for Cloud
- Performance optimization and cost control
- AZ-104 exam preparation and review

Certification

Participants will receive a Certificate of Completion in Microsoft Azure Administrator (AZ-104), validating their skills in managing, monitoring, and securing Microsoft Azure environments in alignment with Microsoft cloud administration best practices.

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