

MICROSOFT AZURE SOLUTIONS ARCHITECT: DESIGN (AZ-305T00)

"Design Scalable and Secure Azure Solutions with Expert Guidance"

Schedule

Date	Venue	Fees (Face-to-Face)
12 - 16 Jul 2026	Riyadh, KSA	USD 3495 per delegate

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

Introduction

As organizations increasingly migrate to cloud platforms, designing robust and scalable solutions on Microsoft Azure has become critical. This 5-day intensive training equips participants with the knowledge and practical skills needed to design complex Azure solutions that meet organizational requirements for security, scalability, and performance. Participants will gain hands-on experience with architecture design, governance, and implementation strategies, preparing them for the AZ-305 certification exam.

The course combines theory, best practices, and practical exercises, enabling participants to understand Azure services, integration patterns, and solution design principles. Attendees will learn how to plan and implement secure, cost-effective, and highly available solutions in Azure, enhancing their capabilities as cloud architects.

Objectives

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

- Understand Microsoft Azure architecture and services
- Design scalable, secure, and cost-optimized Azure solutions
- Implement governance, identity, and security strategies in Azure
- Integrate on-premises and cloud solutions for seamless operations
- Design for high availability, disaster recovery, and performance optimization
- Prepare for the Microsoft AZ-305 certification exam

Why Attend

- Gain practical skills in designing Azure-based solutions
- Prepare for Microsoft Azure Solutions Architect certification (AZ-305)
- Learn best practices for security, governance, and integration in Azure
- Improve cloud architecture skills for enterprise solutions
- Hands-on labs and exercises for real-world application
- Network with IT professionals and cloud architects

Target Audience

This program is designed for:

- IT professionals and cloud architects seeking Azure design expertise
- Solution architects and system engineers responsible for Azure deployment
- Developers and consultants involved in cloud architecture projects
- Professionals preparing for Microsoft AZ-305 certification
- Technical managers overseeing cloud infrastructure and services

Individual Benefits

Key competencies that will be developed include:

- Mastery of Azure architecture and services for enterprise solutions
- Ability to design secure, scalable, and cost-efficient cloud solutions
- Skills in integrating Azure with on-premises systems
- Knowledge of governance, identity, and compliance strategies
- Enhanced troubleshooting and optimization capabilities
- Preparation for the AZ-305 certification exam

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Ability to design and implement enterprise-grade Azure solutions
- Improved cloud governance and security practices
- Cost optimization and efficient resource utilization in Azure environments
- Enhanced integration of on-premises and cloud systems
- Increased operational resilience through scalable and high-availability solutions
- Strengthened technical capability within the organization's IT team

Instructional Methodology

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

- Strategy Briefings - Deep dive into Azure architecture, services, and design patterns
- Case Studies - Real-world examples of successful Azure solution implementations
- Workshops - Hands-on labs for designing and implementing Azure solutions
- Peer Exchange - Group discussions on challenges and best practices in cloud architecture
- Tools - Templates, architecture diagrams, and practical exercises for solution design

MAWA EVENTS

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Course Outline

Detailed 5-Day Course Outline

Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Azure Solutions Architecture

Module 1: Azure Architecture Fundamentals (07:30 – 09:30)

- Overview of Azure services and cloud architecture principles
- Key design considerations and patterns

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

- Azure governance, role-based access control, and identity management

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

- Designing secure solutions and implementing compliance policies

Module 4: Case Study (02:00 – 03:30)

- Analysis of enterprise Azure architecture scenarios

Day 2: Designing Compute, Network, and Storage Solutions

Module 1: Compute Solutions (07:30 – 09:30)

- Virtual machines, app services, and serverless architectures

Module 2: Networking in Azure (09:45 – 11:15)

- VNets, firewalls, load balancing, and connectivity strategies

Module 3: Storage Solutions (11:30 – 01:00)

- Storage accounts, Blob storage, data redundancy, and performance optimization

Module 4: Workshop (02:00 – 03:30)

- Hands-on lab designing compute, network, and storage components

Day 3: Integration and Application Architecture

Module 1: Integrating On-Premises and Cloud Solutions (07:30 – 09:30)

- Hybrid architecture, VPNs, and ExpressRoute

Module 2: Application Design (09:45 – 11:15)

- Microservices, containers, and serverless applications

Module 3: Data Management and Analytics (11:30 – 01:00)

- Azure SQL, Cosmos DB, and data pipelines

Module 4: Workshop (02:00 – 03:30)

- Lab on integrating applications and data in Azure

Day 4: High Availability, Disaster Recovery, and Monitoring

Module 1: High Availability Design (07:30 – 09:30)

- Redundancy, load balancing, and multi-region deployments

Module 2: Disaster Recovery Strategies (09:45 – 11:15)

- Backup, recovery, and business continuity planning

Module 3: Monitoring and Optimization (11:30 – 01:00)

- Azure Monitor, alerts, cost optimization, and performance tuning

Module 4: Workshop (02:00 – 03:30)

- Practical exercises on HA, DR, and monitoring solutions

Day 5: Capstone Project and Exam Preparation

Module 1: Designing a Complete Azure Solution (07:30 – 09:30)

- End-to-end design incorporating all services and best practices

Module 2: Mock Exam and Q&A (09:45 – 11:15)

- AZ-305 exam practice and discussion

Module 3: Lessons Learned and Best Practices (11:30 – 01:00)

- Sharing insights and optimization strategies

Module 4: Review and Wrap-Up (02:00 – 03:30)

- Summary of key takeaways and next steps for certification

Certification

Participants will receive a Certificate of Completion in Microsoft Azure Solutions Architect: Design (AZ-305T00), validating their expertise in designing secure, scalable, and high-performance Azure solutions, and preparing them for the Microsoft AZ-305 certification exam.

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