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**Course Name**

# AZ-305 Microsoft Azure Architect Design

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**Sector Name**

Information Technology

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## AZ-305 Microsoft Azure Architect Design

### Course Introduction

This training program focuses on designing cloud and hybrid solutions on Azure aligned with business requirements.

This training program prepares participants for the AZ-305 certification exam by covering governance, compute, storage, security, and networking architecture design.

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## AZ-305 Microsoft Azure Architect Design

### Target Audience

- ✓ Cloud architects and solution designers
- ✓ Senior IT professionals managing cloud deployments
- ✓ Candidates preparing for the AZ-305 certification

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## AZ-305 Microsoft Azure Architect Design

### Learning Objectives

- ✓ Design secure, scalable, and reliable Azure solutions
- ✓ Apply best practices for compute, storage, and network design
- ✓ Integrate governance, identity, and monitoring into solutions
- ✓ Prepare for the AZ-305 Azure Architect Design certification exam

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## AZ-305 Microsoft Azure Architect Design

### Course Outline

#### ✓ DAY 01

##### **Azure Governance and Compliance Design**

- ✓ Azure Policy and Blueprints
- ✓ Resource organization strategies
- ✓ Subscription and management group design
- ✓ Cost management tools
- ✓ Identity governance
- ✓ Regulatory compliance considerations
- ✓ Auditing and monitoring design

##### **Identity and Access Design**

- ✓ Azure AD design principles
- ✓ Single sign-on (SSO) and federation
- ✓ Multi-factor authentication
- ✓ Conditional Access
- ✓ B2B and B2C identity solutions
- ✓ Role-based access control
- ✓ Secure key management

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### Course Outline

#### ✓ Day 02

##### **Compute Design**

- ✓ VM sizing and selection
- ✓ Containers vs VMs
- ✓ AKS design considerations
- ✓ App Service design
- ✓ Serverless architecture
- ✓ High availability compute design
- ✓ Cost optimization strategies

##### **Storage Design**

- ✓ Azure Storage account types
- ✓ Data redundancy options
- ✓ Blob, file, queue, and table storage
- ✓ Azure Data Lake
- ✓ Securing storage
- ✓ Performance tuning
- ✓ Backup and disaster recovery

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### Course Outline

#### ✓ Day 03

##### **Networking Design**

- ✓ Hybrid network architecture
- ✓ Connectivity options
- ✓ Load balancing solutions
- ✓ Traffic routing
- ✓ Security zones
- ✓ Multi-region design
- ✓ Cost-effective networking

##### **Monitoring and Business Continuity**

- ✓ Azure Monitor architecture
- ✓ Application Insights
- ✓ Log Analytics
- ✓ Backup and restore
- ✓ Geo-redundancy planning
- ✓ DR design patterns
- ✓ SLA considerations

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### Course Outline

#### ✓ Day 04

##### **Security Design**

- ✓ Perimeter security
- ✓ Data encryption
- ✓ Application security
- ✓ Network security
- ✓ Secure DevOps
- ✓ Threat detection
- ✓ Identity protection

##### **Application Architecture Design**

- ✓ Microservices design
- ✓ API management
- ✓ Event-driven design
- ✓ Messaging solutions
- ✓ Integration services
- ✓ Web app scalability
- ✓ Legacy app modernization

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### Course Outline

#### ✓ Day 05

##### **Advanced Design Scenarios**

- ✓ IoT architecture design
- ✓ AI and machine learning integration
- ✓ Big data solutions
- ✓ Multi-cloud and hybrid patterns
- ✓ Custom compliance architectures
- ✓ Governance for complex environments
- ✓ Cost management for large-scale deployments

##### **Certification Preparation**

- ✓ Exam domains overview
- ✓ Case study walkthroughs
- ✓ Common pitfalls
- ✓ Practice exam
- ✓ Design pattern reviews
- ✓ Certification process guidance

## AZ-305 Microsoft Azure Architect Design

### Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 4, 2026	May 8, 2026	5 days	5950.00 \$	Switzerland , Zurich
April 4, 2027	April 8, 2027	5 days	4250.00 \$	KSA , Dammam
Aug. 24, 2026	Aug. 28, 2026	5 days	4250.00 \$	UAE , Abu Dhabi
Nov. 23, 2026	Nov. 27, 2026	5 days	4250.00 \$	UAE , Dubai

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