

# AZURE SOLUTIONS ARCHITECT CERTIFICATION

As per International Standards



## UNICHROME

# Unichrone Training **Advantages**

- ✓ 5 Day Interactive Instructor –led Online Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Mock Tests to prepare in a best way
- ✓ Highly qualified, expert & accredited trainers with vast experience
- ✓ Course Completion Certificate
- ✓ Real Life Examples and Practical Lab Included
- ✓ Enrich with Industry best practices and case studies
- ✓ Azure Solutions Architect Expert Training adhered with International Standards
- ✓ Convenient Weekday/Weekend Azure Solutions Architect Expert Training Course schedule



# Importance of Azure Solutions Architect Training

- ✓ Unichrone's Azure Solutions Architect Expert Training Course provides the following advantages to cloud professionals:

Applications of Microsoft Azure and its uses in cloud computing

Designing secure, scalable, and reliable Azure Solutions for organization

Advising stakeholders and transforming the business processes

Applications of Azure for managing and monitoring business processes on the cloud

# About Unichrone



We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

We've trained professionals across  
global companies

PHILIPS

AXCESS  
FINANCIAL PRODUCT MANAGEMENT

CLARIANT

AkerSolutions

WÜRTH

baycoat

DU PONT

DASHTI

GlobalSign

Triskele Labs

مصرف الراجحي  
Al Rajhi Bank

DHL

ARASCO  
أراسكو

## WHO SHOULD ATTEND

- ✓ Azure Solutions Architect Expert Training and Certification is best suited for cloud professionals with some experience and knowledge of Microsoft's Azure platform. IT professionals, Cloud Architects, and DevOps professionals who want to manage advanced IT operations of their business enterprise should opt for training and earning the Microsoft Azure Solutions Architect Expert Certification.

## ELIGIBILITY CRITERIA

- ✓ There are no pre-requisites to take up Training and Exam.



# Azure Solutions Architect Certification **Advantages**



CERTIFIES  
YOUR TALENT



HELPS  
BUILDING  
VALUES



GLOBAL  
RECOGNITION



PERFECT  
EXECUTION



BUILDS  
CUSTOMER  
LOYALTY



MORE  
EMPLOYABILITY  
OPTIONS

# Syllabus of Azure Solutions Architect Training

## Lesson 01 – Design a solution for logging and monitoring

1.	Design a log routing solution
2.	Recommend an appropriate level of logging
3.	Recommend monitoring tools for a solution

## Lesson 02 – Design authentication and authorization solutions

1.	Recommend a solution for securing resources with role-based access control
2.	Recommend an identity management solution
3.	Recommend a solution for securing identities

# Syllabus of Azure Solutions Architect Training

## Lesson 03- Design governance

1.	Recommend an organizational and hierarchical structure for Azure resources
2.	Recommend a solution for enforcing and auditing compliance

## Lesson 04- Design identities and access for applications

1.	Recommend solutions to allow applications to access Azure resources
2.	Recommend a solution that securely stores passwords and secrets
3.	Recommend a solution for integrating applications into Azure Active Directory (Azure AD)
4.	Recommend a user consent solution for applications



# Syllabus of Azure Solutions Architect Training

## Lesson 05- Design a data storage solution for relational data

1.	Recommend database service tier sizing
2.	Recommend a solution for database scalability
3.	Recommend a solution for encrypting data at rest, data in transmission, and data in use

## Lesson 06- Design data integration

1.	Recommend a solution for data integration
2.	Recommend a solution for data analysis

# Syllabus of Azure Solutions Architect Training

## Lesson 07- Recommend a data storage solution

1.	Recommend a solution for storing relational data
2.	Recommend a solution for storing semi-structured data
3.	Recommend a solution for storing non-relational data

## Lesson 08- Design a data storage solution for non-relational data

1.	Recommend access control solutions to data storage
2.	Recommend a data storage solution to balance features, performance, and cost
3.	Design a data solution for protection and durability

# Syllabus of Azure Solutions Architect Training

## Lesson 09- Design a solution for backup and disaster recovery

1.	Recommend a recovery solution for Azure, hybrid, and on-premises workloads that meets recovery objectives (Recovery Time Objective [RTO], Recovery Level Objective [RLO], Recovery Point Objective [RPO])
2.	Understand the recovery solutions for containers
3.	Recommend a backup and recovery solution for compute
4.	Recommend a backup and recovery solution for databases
5.	Recommend a backup and recovery solution for unstructured data

## Lesson 10- Design for high availability

1.	Identify the availability requirements of Azure resources
2.	Recommend a high availability solution for compute
3.	Recommend a high availability solution for non-relational data storage
4.	Recommend a high availability solution for relational data storage

# Syllabus of Azure Solutions Architect Training

## Lesson 11- Design a compute solution

- |    |  |
|----|--|
| 1. | Recommend a virtual machine-based compute solution                               |
| 2. | Recommend an appropriately sized compute solution based on workload requirements |
| 3. | Recommend a container-based compute solution                                     |
| 4. | Recommend a serverless-based compute solution                                    |

## Lesson 12- Design an application architecture

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|----|--|
| 1. | Recommend a caching solution for applications                    |
| 2. | Recommend a messaging architecture                               |
| 3. | Recommend an event-driven architecture                           |
| 4. | Recommend an automated deployment solution for your applications |
| 5. | Recommend an application configuration management solution       |
| 6. | Recommend a solution for API integration                         |

# Syllabus of Azure Solutions Architect Training

## Lesson 13- Design migrations

1.	Evaluate a migration solution that leverages the Cloud Adoption Framework for Azure
2.	Assess and interpret on-premises servers, data, and applications for migration
3.	Recommend a solution for migrating applications and virtual machines
4.	Recommend a solution for migrating databases
5.	Recommend a solution for migrating unstructured data

## Lesson 14- Design network solutions

1.	Recommend a network architecture solution based on workload requirements
2.	Recommend a connectivity solution that connects Azure resources to the internet
3.	Recommend a connectivity solution that connects Azure resources to on-premises networks
4.	Optimize network performance for applications
5.	Recommend a solution to optimize network security
6.	Recommend a load balancing and routing solution

## Format of Azure Solutions Architect Exam

Examination Format	
Exam Name	Exam AZ-305: Designing Microsoft Azure Infrastructure Solutions
Exam Body	Microsoft
Total Questions & Duration	1000 Questions, 120 minutes
Passing Score	700
Exam Price	165 USD

To get you fully prepared with the knowledge and skills for the Azure Solutions Architect Certification examination, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by Azure Solution Architect faculty, the practice tests are a true simulation of the Azure Solutions Architect Certification examination



# Contact Us

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