

Azure Solution Architect Training



Unichrone



Unichrone

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



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We've trained professionals across global companies

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Unichrone Training Advantages

- 5-day interactive instructor-led training program
- Expert Certified Trainer with International Expertise
- Copy of Courses content provided
- Global recognitions and approvals
- Interactive sessions with case studies
- Practice Tests with detailed answers and explanations
- Practical Labs

Azure Solution Architect Certification Training Advantages



Syllabus of Azure Solution Architect Training

- **AZ-301T01: Designing for Identity and Security**

Lab: Securing Secrets in Azure

After completing this module, students will be able to:

- Integrate their existing solutions with external identity providers using Azure AD B2B or B2C
- Design a hybrid identity solution
- Determine when to use advanced features of Azure AD such as Managed Service Identity, MFA and Privileged Identity Management
- Secure application secrets using Key Vault

- **Secure application data using SQL Database and Azure Storage features**

Lab: Deploying Service Instances as Components of Overall Azure Solutions

After completing this module, students will be able to:

- Detail the various APIs available in Cognitive Services
- Identify when to use the Face API, Speech API or Language Understanding (LUIS) Service

Syllabus of Azure Solution Architect Training

- **AZ-301T02: Designing a Data Platform Solution**

Lab: Deploying Database Instances in Azure

After completing this module, students will be able to:

- Compare and contrast monitoring services for applications, the Azure platform, and networking Acceleration
- Identify data streaming options for large-scale data ingest
- Identify longer-term data storage options

Lab: Deploying Configuration Management Solutions to Azure

After completing this module, students will be able to:

- Compare and contrast monitoring services for applications, the Azure platform, and networking
- Design an alert scheme for a solution hosted in Azure
- Select the appropriate backup option for infrastructure and data hosted in Azure
- Automate the deployment of future resources for backup recovery or scaling purposes

Syllabus of Azure Solution Architect Training

- **AZ-301T03: Designing for Deployment, Migration, and Integration**

Lab: Deploying Resources with Azure Resource Manager

After completing this module, students will be able to:

- Create a resource group
- Add resources to a resource group
- Deploy an ARM template to a resource group
- VPC, ENI, Public and Private IP
- Filter resources using tags

Author a complex deployment using the Azure Building Blocks tools

Lab: Deploying Managed Containerized Workloads to Azure

After completing this module, students will be able to:

- Select between hosting application code or containers in an App Service instance
- Describe the differences between API, Mobile, and Web Apps
- Integrate an API or Logic App with the API Management Service

Syllabus of Azure Solution Architect Training

Design an App Service Plan or multi-region deployment for high performance and scale

Lab: Deploying Server less Workloads to Azure

After completing this module, students will be able to:

- Select between hosting application code or containers in an App Service instance
- Describe the differences between API, Mobile, and Web Apps
- Integrate an API or Logic App with the API Management Service
- Design an App Service Plan or multi-region deployment for high performance and scale

● **AZ-301T04: Designing an Infrastructure Strategy**

Lab: Building Azure IaaS-Based Server Applications

After completing this module, students will be able to:

- Design an availability set for one or more virtual machines
- Describe the differences between faults and update domains
- Author a VM Scale Set ARM template

Syllabus of Azure Solution Architect Training

- Join a virtualized machine to a domain either in Azure or on a hybrid network

Lab: Deploying Network Infrastructure for Use in Azure Solutions

After completing this module, students will be able to:

- Describe DNS and IP strategies for VNETs in Azure
- Compare connectivity options for ad-hoc and hybrid connectivity

Distribute network traffic across multiple loads using load balancers

- Design a hybrid connectivity scenario between cloud and on-premise

Lab: Integrating Azure Solution Components using Messaging Services

After completing this module, students will be able to:

- Compare Storage Queues to Service Bus Queues
- Identify when to use Azure Functions or Logic Apps for integration components in a solution
- Describe the differences between IoT Hubs, Event Hubs and Time Series Insights

Contact Us

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