



Learn & Master **Microsoft Azure.**

Classroom | Online | Corporate

WHY

School of Analytics

“As one of the INDIA's leading tech training and talent organisations, SOA helps individuals ranging from those at the start of their journey who want to learn Microsoft Azure to seasoned professionals looking to develop and extend professional services competencies, with training to get the most of Microsoft Azure.”



Learning Pathway .

01 Azure Basics

- Azure Introduction
- Creating Azure Free Account
- Understanding Azure Subscriptions and Roles
- Understanding Azure Portals
- ASM (Azure Service Manager) (Deprecated)
- ARM (Azure Resource Manager)

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Building Blocks

02 Compute

- Introduction to Virtual Machines
- Compute tiers
- Pricing
- Different ways to deploy virtual machines
- Configuring and managing azure virtual machines
- Advanced concepts on Azure virtual machines
- Different types VM images
- Custom images
- VM disks
- Availability sets
- Availability Zones
- Azure Scale sets
- Assigning static Ips

03 Network

- Introduction to Azure Virtual Networks
- Creating and Managing Azure virtual networks
- Understanding Network ACLs and Network Security groups
- Understanding Azure DIP, VIP and PIP
- Azure VNET to VNET
- Azure Point to Site
- Azure Site to Site
- Azure ExpressRoute

04 Storage

- Introduction Azure Storage
- Understanding Different Azure Storage replication techniques
- LRS (Locally Redundant Storage)
- ZRS (Zone Redundant Storage)
- GRS (Geo Redundant Storage)
- RA-GRS (Read Only – Geo Redundant Storage)
- Different types of Azure Storage options



- Azure File Storage
- Azure Blob Storage
- Azure Queue Storage
- Azure Table Storage
- Advanced Concepts on Azure Storage
- Storage Access Keys
- Storage Access Signatures
- Use cases for Azure File, Table, Queue and Blob storage
- Different types of Blobs
- Understanding Azure Managed Storage

Identity and Access management

05 Azure Active Directory

- Active Directory Fundamentals
- Understanding Azure Active Directory
- OAuth
- Multifactor Authentication
- Understanding Differences Between Traditional AD and Azure AD
- Understanding Azure AD integration
- Azure AD data Sync
- Role based Access Control

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06 Azure WebApps

- Introduction to Azure Web Apps
- Understanding Web App Tiers and Pricing
- Understanding App Service Plans
- Understanding Different Ways to deploy Web Apps
- Deployment pipeline
- Scaling Web Apps
- Supported Languages
- Security and Monitoring
- Understanding Web jobs
- Azure Logic Apps
- Azure API Apps

07 Azure SQL Database

- Introduction Azure SQL Database as a service
- Comparing Azure SQL and Traditional SQL
- Benefits of Azure SQL database
- Advanced capabilities
- Backup options
- Scaling Azure SQL Database
- Security
- Pricing

08 Azure Service Bus

- Introduction to Azure Service Bus
- Service Bus Queues
- Service Bus Topics
- Service Hub Relays
- Event Hubs

09 Azure Traffic Manager

- Introduction Azure Traffic Manager
- Understanding Different traffic routing methods
- Priority method (Failover method)
- Weighted method (Round-robin method)
- Performance method (Performance method)

10 Azure CDN

- Introduction Azure CDN
- Understanding Azure CDN
- Setting up Azure CDN

11 Other Azure Services

- Azure SAAS
- Azure Backup
- Azure Load balancer
- Azure Site Recovery
- Azure PowerShell
- Azure CLI
- Azure Cloud Services
- Azure Automation
- Azure Key vault

11 Azure Certification Exam Objectives and Discussion

- AZ-103-Microsoft Azure Administrator
- AZ-203-Developing Solutions for Microsoft Azure
- AZ-300-Microsoft Azure Architect Technologies



Develop a passion for learning. If you do, you will never cease to grow.



Let us know how we can help you, or your organisation with your learning or talent requirements.

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