



Azure DevOps

Thank you for contacting our **SQL School**, Training Institute. We assure you 100% Practical, Step by Step Trainings on **Azure DevOps** Training.

Whom are we?

Over 19 Years of strong commitment in training excellence, we assure you 100% practical, step by step learning process paired with Assignments, Use Case Scenarios and Realtime Project Implementations for your Resume and Job Work. We are sure, you will have a wonderful journey with us.

Detailed Course Curriculum

Module-1: Introduction

- Azure Course Introduction
- What is cloud computing
- Account Creation

Module-2: Azure Architecture and Virtual machines

- How to create Windows Virtual machine
- How to create Linux Virtual machine
- High Availability through Availability set
- Implementation of Availability set
- Difference in Availability set and Availability Zone
- Regional pair
- Website hosting on azure Virtual machine
- Virtual machine Extensions
- Deletion of resources

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Module-3: Azure Networking

- Azure virtual network overview
- How to create Virtual network and Subnet
- Private IP vs Public IP
- Public IP address and Basic SKUs
- How to decide public IP assignment & IP address

Module-4: Intersite Connectivity

- Virtual Network Peering overview
- Virtual network peering Implementation
- Vnet to Vnet Connection
- Point to site VPN connection overview
- Azure site to VPN site
- Express route
- Route Tables

Module-5: Network Security

- Network Security Group
- Application Security Group
- Azure Service Endpoint
- Azure Firewall

Module-6: Azure Administration

- Azure CLI
- Azure Powershell and Cloud shell
- Azure Resource Manager
- Azure Dashboard

Module-7: Network Traffic Management

- Azure Load Balancer- Basic SKU
- Load balancer-health probe and load balancing rule
- Standard Load Balancer
- How to attach VM to Load Balancer
- Application Gateway
- Domain binding with application gateway
- SSL Binding with Application Gateway Custom Domain
- Multi-Site Configuration with application gateway
- Azure DNS
- Azure Traffic Manager routing Methods
- Traffic Manager Deployment

Module-8 Azure Storage

- Storage Account overview
- Storage account Redundancy GRS vs ZRS
- Storage account Redundancy LRS vs ZRS
- Blob Storage
- Azure File Share
- Data Recovery from Azure file share
- Azure File Sync
- Creation of legacy Storage account type
- How to create, Detach and Attach Data Disk
- Copy data using AZCopy & Temporary disk
- Disk Snapshot
- Capture Image
- Swap OS disk
- Storage account redundancy and Performance

Module-9: Serverless Computing

- What is Container
 - Install Docker on Linux and create container
 - Azure container Instance
 - What is Kubernetes
 - Kubernetes Cluster Architecture
 - Azure Kubernetes cluster set up
 - Azure App services
 - Azure App services service plan
 - App services plans -cost calculation and Scaling
 - Deployment of APP using FTPS Endpoint
 - App deployment using Continuous Deployment
- App Services Custom Domain Binding

Module-10: Azure Backup and restore

- ON-Prem file and folder backup -restore
 - File share backup and restore through recovery service vault
 - VM-Backup and restore
 - VM Creation from Backup
- Create from Disk Restore

Module-11: Azure Monitor

- Azure Monitor Overview
- Alerts
- Log Analytics
- Query Language Syntax
- Diagnostic Data
- IP flow Verify tool in Network watcher
- Next Hop tool in network watcher

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- Connection Troubleshooting and Packet Capture
- Network watcher NSG Flow logs
- Network watcher Traffic Analytics

Module-12: Azure Directory

- Identity and Access Management (IAM) Overview
- Azure AD Tenant, Subscription and Directory
- Azure AD User, Group and RBAC
- Custom domain binding with Azure AD
- Azure AD Multifactor Authentication (MFA)
- Azure AD Connect Overview
- Azure AD Connect Implementation

Module-13: Azure Governance

- Management Group
- Azure Policy

Module-14: DevOps

- Overview
- Repositories
- DevOps Board
- Pipelines
- Artifacts
- Branches
- Agile

Module-15: Terraform Automation

- Overview
- Execution

This Azure DevOps Course is 100% Practical, Step by Step. Reach us now!

contact@sqlschool.com

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Profile: <https://sqlschool.com/wp-content/uploads/2025/07/Trainer-Kumar.pdf>

Training Modes:

- ✓ **LIVE Online**
- ✓ **Inhouse Classroom**
- ✓ **Self-Paced Videos**

All sessions are practical, step by step. Kindly ensure on-time practice for best results.

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