



Microsoft Certified: Azure Administrator Associate

Course Length : 40 Hours
Professional Series : 5 Day
Academic Series : 8 Weeks

Module 1: Cloud Concepts

- Learning Objectives
- Why Cloud Services?
- Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)
- Public, Private, and Hybrid cloud models

Module 2: Core Azure Services

- Core Azure architectural components
- Core Azure Services and Products
- Azure Solutions
- Azure management tools

Module 3: Security, Privacy, Compliance & Trust

- Securing network connectivity in Azure
- Core Azure Identity services
- Security tools and features
- Azure governance methodologies
- Monitoring and Reporting in Azure
- Privacy, Compliance & Data Protection standards in Azure

Module 4: Azure Pricing & Support

- Azure subscriptions
- Planning and managing costs
- Support options available with Azure
- Service lifecycle in Azure

Module 5: Azure Administration

- Azure Portal and Cloud Shell
- Azure PowerShell and CLI
- Resource Manager
- ARM Templates

Module 6: Azure Virtual Machines

- Virtual Machine Planning
- Creating Virtual Machines
- Virtual Machine Availability
- Virtual Machine Extensions

Module 7: Azure Storage

- Storage Accounts
- Azure Blobs

- Azure Files
- Storage Security

Module 8: Virtual Networking

- Virtual Networks
- IP Addressing and Endpoints
- Azure DNS
- Network Security Groups

Module 9: Intersite Connectivity

- VNet Peering
- VNet-to-VNet Connections
- ExpressRoute Connections

Module 10: Monitoring

- Azure Monitor
- Azure Alerts
- Log Analytics
- Network Watcher

Module 11: Data Protection

- Data Replication
- File and Folder Backups
- Virtual Machine Backups

Module 12: Network Traffic Management

- Network Routing
- Azure Load Balancer
- Azure Traffic Manager

Module 13: Azure Active Directory

- Azure Active Directory
- Azure AD Connect
- Azure AD Join

Module 14: Securing Identities

- Multi-Factor Authentication
- Azure AD Identity Protection
- Self-Service Password Reset

Module 15: Governance and Compliance

- Subscriptions and Accounts
- Role-Based Access Control (RBAC)
- Users and Groups
- Azure Policy

Module 16: Data Services

- Content Delivery Network
- File Sync
- Import and Export Service
- Data Box

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