



Course AZ-900T01-A

Microsoft Azure Fundamentals

Course Length : 8 Hours
Professional Series : 1 Day
Academic Series : 2 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 and Trust

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

Module 4:

Azure Pricing and Support

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

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Course AZ-104T00-A

Microsoft Azure Administrator

Course Length : 32 Hours
Professional Series : 4 Day
Academic Series : 6 Weeks

Module 1:

Identity

- Azure Active Directory
- Users and Groups

Module 2:

Governance and Compliance

- Subscriptions and Accounts
- Azure Policy
- Role-based Access Control (RBAC)

Module 3:

Azure Administration

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

Module 4:

Virtual Networking

- Virtual Networks
- IP Addressing
- Network Security groups
- Azure Firewall
- Azure DNS

Module 5:

Intersite Connectivity

- VNet Peering
- VPN Gateway Connections
- ExpressRoute and Virtual WAN

Module 6:

Network Traffic Management

- Network Routing and Endpoints
- Azure Load Balancer
- Azure Application Gateway
- Traffic Manager

Module 7:

Azure Storage

- Storage Accounts
- Blob Storage
- Storage Security
- Azure Files and File Sync
- Managing Storage

Module 8:

Azure Virtual Machines

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

Module 9:

Serverless Computing

- Azure App Service Plans
- Azure App Service
- Container Services
- Azure Kubernetes Service

Module 10:

Data Protection

- File and Folder Backups
- Virtual Machine Backups

Module 11:

Monitoring

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

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