



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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Course SC-900T00-A

## Microsoft Security, Compliance, and Identity Fundamentals

Course Length : 8 Hours  
Professional Series : 1 Day  
Academic Series : 1 Week

### Module 1:

#### Describe basic concepts of security, compliance, and identity.

- Describe security concepts and methodologies.
- Describe Microsoft security and compliance principles.

### Module 2:

#### Describe the concepts and capabilities of Microsoft identity and access management solutions

- Describe identity concepts
- Describe the basic services and identity types of Azure AD
- Describe the authentication capabilities of Azure AD
- Describe the access management capabilities of Azure AD
- Describe the identity protection and governance capabilities of Azure AD

### Module 3:

#### Describe the capabilities of Microsoft security solutions

- Describe the basic security capabilities in Azure
- Describe the security management capabilities of Azure
- Describe the security capabilities of Azure Sentinel
- Describe the threat protection capabilities of Microsoft 365
- Describe the security management capabilities of Microsoft 365
- Describe endpoint security with Microsoft Intune
- Module summary

### Module 4:

#### Describe the capabilities of Microsoft compliance solutions

- Describe the compliance management capabilities in Microsoft
- Describe the information protection and governance capabilities of Microsoft 365
- Describe the insider risk capabilities in Microsoft 365
- Describe the eDiscovery capabilities of Microsoft 365
- Describe the audit capabilities of Microsoft 365
- Describe the resource governance capabilities in Azure





Course SC-300T00-A

## Microsoft Identity and Access Administrator

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

### Module 1:

#### Implement an identity management solution

- Implement Initial configuration of Azure AD
- Create, configure, and manage identities
- Implement and manage external identities
- Implement and manage hybrid identity

### Module 2:

#### Implement an authentication and access management solution

- Secure Azure AD user with MFA
- Manage user authentication
- Plan, implement, and administer conditional access
- Manage Azure AD identity protection

### Module 3:

#### Implement access management for Apps

- Plan and design the integration of enterprise for SSO
- Implement and monitor the integration of enterprise apps for SSO
- Implement app registration

### Module 4:

#### Plan and implement an identity governance strategy

- Plan and implement entitlement management
- Plan, implement, and manage access reviews
- Plan and implement privileged access
- Monitor and maintain Azure AD

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