

optimal performance and scale, as well as provision, size, monitor, and adjust resources as appropriate.

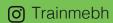
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Supported By **Tamkeen Basic Skills** & Professional **Certification Schemes**



OBJECTIVES

- Manage Azure subscriptions and resources (15-20%)
- Implement and manage storage (15-20%)
- Deploy and manage virtual machines (VMs) (15-20%)
- Configure and manage virtual networks (30-35%)
- Manage identities (15-20%)
- Deploy and Manage role base Access (5-10%)



MODULES

Module 1: Azure Administration

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

Module 2: Azure Virtual Machines

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

Module 3: Azure Storage

- Storage Accounts
- Azure Blobs
- Azure FilesStorage Security

- Module 4: Virtual Networking

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

Module 5: Intersite Connectivity

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

Module 6: Monitoring

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

Module 7: Data Protection

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

Module 8: Network Traffic Management

- Network Routing
- Azure Load Balancer
- Azure Traffic Manager

Module 9: Azure Active Directory

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

Module 10: Securing Identities

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

Module 11: Governance and Compliance

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

Module 12: Data Services

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

- Azure administration certification will provide
 -360degree management of azure portal
- Participants will gain necessary skills, to manage an enterprise cloud-based organization
- Equip the participant with the techniques to undertake and handle role-based accessibility for cloud apps
- Widen the scope for career growth and expansion/migration of cloud projects

