



MICROSOFT AZURE CURRICULAM

Module 1: Introduction to Microsoft Cloud Computing

- Cloud Technology Overview
- Microsoft Overview
- The Azure Portals
- Managing Azure with Windows PowerShell

Module 2: Azure Virtual Machines

- Deploy workloads on Azure virtual machines (VMs)
- Images and disks
- VM networking
- VM resiliency
- VM storage
- Monitor VMs

Module 3: Configure Scale and Resilience

- Scale up and scale down VM sizes
- Auto scale

Module 4: Monitor VMs

- Configure endpoint monitoring
- Alerts, No input
- Diagnostics

Module 5: Configure cloud services and roles

- Configure instance count and size
- Operating system version and family
- Upgrade and fault domains



- ACLs
- Reserved IPs
- Network access rules
- Configure local storage
- Configure dedicated and co-located caching
- Local and cloud configurations
- Implement blobs and Azure files
- Configure a Content Delivery Network (CDN)

Module 6: Implement recovery services

- Create a backup vault
- Deploy a backup agent
- Backup and restore data

