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Learning Style: On Demand

Technology: Microsoft

Difficulty: Intermediate

Course Duration: 5 Hours

Microsoft Azure Administrator (AZ-104)



About this Course:

This course teaches IT Professionals how to manage their Azure subscriptions, create and scale virtual machines, implement storage solutions, configure virtual networking, back up and share data, connect Azure and on-premises sites, manage network traffic, implement Azure Active Directory, secure identities, and monitor your solution.

Azure Administrators manage the cloud services that span storage, networking, and compute cloud capabilities, with a deep understanding of each service across the full IT lifecycle. They take end-user requests for new cloud applications and make recommendations on services to use for optimal performance and scale, as well as provision, size, monitor and adjust as appropriate. This role requires communicating and coordinating with vendors. Azure Administrators use the Azure Portal and as they become more proficient they use PowerShell and the Command Line Interface.

Audience:

- Azure Administrators manage the cloud services that span storage, networking, and compute cloud capabilities, with a deep understanding of each service across the full IT lifecycle. They take end-user requests for new cloud applications and make recommendations on services to use for optimal performance and scale, as well as provision, size, monitor and adjust as appropriate. This role requires communicating and coordinating with vendors. Azure Administrators use the Azure Portal and as they become more proficient they use PowerShell and the Command Line Interface.

Prerequisites:

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
- Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts, including domains, forests, domain controllers, replication, Kerberos protocol, and Lightweight Directory Access Protocol (LDAP).
- Understanding of resilience and disaster recovery, including backup and restore operations.

Course Outline:

This Course Includes:

- Course Introduction
- Module 1: Administer Identity
- Module 2: Administer Governance and Compliance
- Module 3: Administer Azure Resources
- Module 4: Administer Virtual Networking
- Module 5: Administer Intersite Connectivity
- Module 6: Administer Network Traffic
- Module 7: Administer Azure Storage
- Module 8: Administer Azure Virtual Machines

- Module 9: Administer PaaS Compute Options
- Module 10: Administer Data Protection
- Module 11: Administer Monitoring

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