CertKit: Microsoft AZ-104: Microsoft Azure Administrator

This CertKit teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create, and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.

Prerequisites:
Successful Azure Administrators start this role with experience on operating systems, virtualization, cloud infrastructure, storage structures, and networking.
- 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 outcome:
In this course, you will learn about:
- Identity
- Governance and Compliance
- Azure Administration
- Virtual Networking
- Intersite Connectivity
- Network Traffic Management
- Azure Storage
- Azure Virtual Machines
- Serverless Computing
- Data Protection
- Monitoring

Who should attend:
This course is for Azure Administrators. The Azure Administrator implements, manages, and monitors identity, governance, storage, compute, and virtual networks in a cloud environment. The Azure Administrator will provision, size, monitor, and adjust resources as appropriate.

CertKit content:
- E-learning courses:
    - AZ-104 - Microsoft Azure Administrator: Manage Azure AD Users
    - AZ-104 - Microsoft Azure Administrator: Manage Azure AD Groups & Devices
    - AZ-104 - Microsoft Azure Administrator: Manage Azure AD Subscriptions and Costs
    - AZ-104 - Microsoft Azure Administrator: Azure Policies
    - AZ-104 - Microsoft Azure Administrator: Managing Azure Roles & Tags
    - AZ-104 - Microsoft Azure Administrator: Managing Azure Storage Accounts
    - AZ-104 - Microsoft Azure Administrator: Managing Azure Files
    - AZ-104 - Microsoft Azure Administrator: Managing Azure Network Solutions
    - AZ-104 - Microsoft Azure Administrator: Managing Azure DNS & Network Security
    - AZ-104 - Microsoft Azure Administrator: Managing Azure Virtual Machines
    - AZ-104 - Microsoft Azure Administrator: Azure App Service & Batch Jobs
    - AZ-104 - Microsoft Azure Administrator: Availability Solutions
    - AZ-104 - Microsoft Azure Administrator: Monitoring Azure Resources
- MeasureUp Exam simulation
    - 190+ questions
- Tips & Tricks
- Challenge Labs (option)
    - More than 40 Challenge Labs (see detailed PDF)