
AZ-104: MICROSOFT AZURE ADMINISTRATOR

LEVEL	INTERMEDIATE	ROLE	ADMINISTRATOR
DURATION	4 DAY	PRODUCT	AZURE

OVERVIEW

This course 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.

AUDIENCE PROFILE

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. Successful Azure Administrators start this role with experience in virtualization, networking, identity, and storage.

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.

- Understanding of network configurations, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts, including users, groups, and role-based access control.
- Understanding of resilience and disaster recovery, including backup and restore operations.

In this course, you will learn how to:

- Manage Azure Subscriptions and Resources.
- Configure and Secure Virtual Networking.
- Administer Azure Identity and Access.
- Deploy and Manage Virtual Machines.
- Implement and Manage Storage Accounts.
- Configure and Manage Microsoft Entra.
- Implement and Manage Azure Governance.
- Monitor and Back Up Azure Resources.
- Manage Azure Applications and App Services.
- Implement and Manage Azure Virtual Networks.
- Work with Azure Resource Manager (ARM) Templates.

Course Prerequisites:

Before attempting AZ-104, attendees should have taken or have equivalent knowledge and hands-on experience of Introduction to Microsoft Azure (AZ-900).

Microsoft Azure Administrator Training Course Outline

- Module 1: Configure Microsoft Entra
- Module 2: Configure user and group Accounts
- Module 3: Configure subscriptions
- Module 4: Configure Azure Policy
- Module 5: Configure role-based access control
- Module 6: Configure Azure resources with tools
- Module 7: Use Azure Resource Manager
- Module 8: Configure resources with Azure Resource Manager templates
- Module 9: Configure virtual networks
- Module 10: Configure network security groups
- Module 11: Configure Azure DNS
- Module 12: Configure Azure Virtual Network peering
- Module 13: Configure network routing and endpoints
- Module 14: Configure Azure Load Balancer
- Module 15: Configure Azure Application Gateway
- Module 16: Configure storage accounts
- Module 17: Configure Azure Blob Storage
- Module 18: Configure Azure Storage security
- Module 19: Configure Azure Files and Azure File Sync
- Module 20: Configure Azure Storage with tools
- Module 21: Configure virtual machines
- Module 22: Configure virtual machine availability
- Module 23: Configure virtual machine extensions
- Module 24: Configure Azure App Service plans
- Module 25: Configure Azure App Service
- Module 26: Configure Azure Container Instances
- Module 27: Configure Azure Kubernetes Service
- Module 28: Configure file and folder backups
- Module 29: Configure virtual machine backups
- Module 30: Configure Azure Monitor

- Module 31: Configure Azure alerts
- Module 32: Configure Log Analytics
- Module 33: Configure Network Watcher

Further Information:

For More information, or to book your course

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<https://smartteklearning.com/Course/az-104-microsoft-azure-administrator/>

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