



MICROSOFT TRAINING

AZ-104T00-A: Microsoft Azure Administrator

Master managing Azure infrastructure, from virtual networks to identity. Prepare to pass the AZ-104 Microsoft Azure Administrator exam.

DURATION

32 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The AZ-104T00-A: Microsoft Azure Administrator course is meticulously designed for IT professionals aspiring to master the administration of Azure environments. This intermediate-level training equips you with the foundational and advanced skills necessary to implement, manage, and monitor identity, governance, storage, compute, and virtual networks in a cloud setting. You will gain hands-on experience with core Azure services, learning to efficiently provision, size, monitor, and adjust resources as needed, ensuring optimal performance and cost-effectiveness for your organization's cloud infrastructure. This certification pathway is critical for anyone looking to solidify their expertise in Microsoft's cloud platform. Through a blend of theoretical knowledge and practical labs, participants will become adept at securing Azure resources, implementing virtual machines, configuring and managing storage accounts, setting up virtual networks, and implementing robust backup and disaster recovery solutions. The course also delves into managing Azure Active Directory, ensuring secure access and identity management within the cloud ecosystem. By the end of this program, you will possess a comprehensive skill set highly valued in today's cloud-centric IT landscape, preparing you not just for the certification exam but for real-world challenges. This professional certification from Microsoft validates your capability to perform the day-to-day administrative tasks of an Azure Administrator, significantly boosting your career prospects and opening doors to specialized roles within cloud computing.

Duration	32 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	AZ-104

PREREQUISITES

- Understanding of on-premises virtualization technologies (VMs, virtual networking, virtual hard disks)
- Network configurations (TCP/IP, DNS, VPNs, firewalls, encryption)
- Active Directory concepts (users, groups, role-based access control)
- Resilience and disaster recovery practices
- PowerShell and Azure CLI basics
- Familiarity with Azure portal and Azure Resource Manager templates

COURSE CURRICULUM

01 Module 1: Manage Azure Identities and Governance

- Manage Azure Active Directory (Azure AD) identities
- Implement and manage hybrid identities
- Manage role-based access control (RBAC)
- Implement Azure Policy and Blueprints
- Configure resource locks and resource groups

02 Module 2: Implement and Manage Storage

- Manage Azure storage accounts
- Configure Azure blob storage
- Implement Azure files and File Sync
- Implement Azure Disk Storage
- Data protection and access management for storage

03 Module 3: Deploy and Manage Azure Compute Resources

- Configure and deploy Azure Virtual Machines (VMs)
- Manage VM availability and scalability
- Implement and manage Azure App Services
- Implement Azure Container Instances and Azure Kubernetes Service (AKS)
- Configure serverless computing (Azure Functions, Logic Apps)

04 Module 4: Configure and Manage Virtual Networking

- Implement virtual networks and subnets
- Configure network security groups (NSGs)
- Implement Azure DNS and IP addressing
- Configure network routing and service endpoints
- Implement Azure Load Balancer and Application Gateway
- Implement Site-to-Site VPN and ExpressRoute

05 Module 5: Monitor and Back up Azure Resources

- Implement Azure Monitor for resources
- Configure Azure alerts and metrics
- Implement log analytics workspaces
- Configure backup and restore using Azure Backup
- Implement Azure Site Recovery for disaster recovery

06 Module 6: Implement Azure Governance and Security

- Manage Azure subscriptions and costs
- Implement Azure Advisor recommendations
- Configure Azure Security Center
- Implement secure access using Azure AD PIM and conditional access
- Manage resource tagging for governance

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure Administrator**
- > **Cloud Systems Engineer (Microsoft Azure Focus)**
- > **Cloud Operations Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What foundational IT knowledge is recommended before enrolling in the AZ-104T00-A course to ensure the best learning experience?

While there are no strict prerequisites, it's highly recommended that participants have a fundamental understanding of core IT concepts such as networking (TCP/IP, DNS), servers, virtualization, and operating systems (Windows Server or Linux). Basic experience with PowerShell or Azure CLI can also be beneficial, though not strictly required, as these tools are covered within the course for managing Azure resources.

Q: How does completing the AZ-104T00-A course specifically prepare me for day-to-day responsibilities as

an Azure Administrator in an enterprise environment?

This course is meticulously structured around the job role of an Azure Administrator. You will gain practical skills in provisioning and managing virtual machines, configuring complex virtual networks, implementing robust storage solutions, managing Azure Active Directory for identity, and monitoring Azure resources effectively. These are the core operational tasks demanded of an Azure Administrator, directly preparing you to maintain, secure, and scale an organization's Azure infrastructure from day one.

Q: Beyond passing the AZ-104 exam, what are the key practical skills I will gain from this course that are highly sought after by employers?

Employers actively seek candidates who can not only manage but also optimize Azure environments. This course will equip you with the practical ability to implement cost-saving measures through effective resource management, enhance security posture using Azure Policy and Security Center, ensure business continuity via Azure Backup and Site Recovery, and automate tasks using PowerShell/CLI. These hands-on, problem-solving skills are invaluable for any organization leveraging Azure.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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