



MICROSOFT TRAINING

Azure Training Online

Unlock intermediate-level Azure expertise. Learn to architect, deploy, and manage scalable cloud solutions with Microsoft Azure.

DURATION

24 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This 'Azure Training Online' course is meticulously designed for IT professionals, system administrators, and developers eager to master the complexities of Microsoft Azure, the industry-leading cloud computing platform. Spanning 24 hours of comprehensive, instructor-led content, this intermediate-level program dives deep into Azure's core services, equipping you with the practical skills needed to deploy, manage, and optimize cloud resources effectively. You will gain hands-on experience with crucial Azure components, from virtual machines and networking to storage, identity management, and monitoring.

Throughout this engaging course, you will explore the architectural components of Azure, learn to implement and manage compute resources like Azure VMs and App Services, configure robust virtual networks, and secure your cloud infrastructure. The curriculum emphasizes practical application, ensuring you can confidently navigate the Azure portal, leverage PowerShell and Azure CLI, and understand best practices for scalability, availability, and disaster recovery. By focusing on real-world scenarios, this training transforms theoretical knowledge into actionable skills, preparing you for the demands of modern cloud environments.

Upon completion, you will not only possess a profound understanding of Microsoft Azure's capabilities but also be well-prepared to tackle Microsoft's associate-level certification exams. This expertise will significantly enhance your career prospects, enabling you to contribute to cloud migration projects, manage critical cloud infrastructure, and architect scalable solutions, positioning you as a valuable asset in any organization embracing digital transformation and cloud-first strategies.

Duration	24 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Azure Fundamentals and Core Services

- Introduction to Microsoft Azure and Cloud Concepts
- Azure Regions, Geographies, and Availability Zones
- Azure Subscriptions, Resource Groups, and Management Hierarchy
- Introduction to Azure Management Tools (Portal, Cloud Shell, CLI, PowerShell)
- Azure Resource Manager (ARM) Concepts

02 Module 2: Implementing and Managing Azure Compute

- Planning and Deploying Azure Virtual Machines (VMs)
- VM Sizing, Storage, and Networking Options
- Azure VM Availability Sets and Scale Sets
- Introduction to Azure App Services for Web Applications
- Understanding Azure Container Instances (ACI) and Azure Kubernetes Service (AKS) overview

03 Module 3: Azure Networking and Connectivity

- Implementing Virtual Networks (VNETs) and Subnets
- Configuring Network Security Groups (NSGs) and Application Security Groups (ASGs)
- Azure DNS Management
- Implementing Azure Load Balancers and Application Gateways

- Connecting On-premises Networks to Azure (VPN Gateway concepts)

04 Module 4: Azure Storage and Data Solutions

- Azure Storage Accounts (Blob, File, Queue, Table Storage)
- Configuring Azure Files and File Sync
- Data Replication and Data Protection for Azure Storage
- Implementing Azure SQL Database and Managed Instances
- Introduction to Cosmos DB and other Azure database services

05 Module 5: Azure Identity, Governance, and Security

- Managing Azure Active Directory (Azure AD) Users and Groups
- Implementing Role-Based Access Control (RBAC)
- Understanding Azure Policy and Blueprints
- Azure Security Center for Threat Protection and Compliance
- Implementing Key Vault for Secrets Management

06 Module 6: Monitoring, Backup, and Disaster Recovery

- Monitoring Azure Resources with Azure Monitor and Log Analytics
- Configuring Alerts and Action Groups
- Implementing Azure Backup for VMs and File Shares
- Understanding Azure Site Recovery for Business Continuity
- Cost Management and Optimization in Azure

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure Cloud Administrator**
- > **Cloud Operations Engineer (Azure focus)**
- > **Azure Infrastructure Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or experience is recommended to get the most out of this intermediate Azure Training Online course?

To fully benefit from this course, we recommend participants have a basic understanding of IT infrastructure concepts, including operating systems (Windows Server or Linux), networking fundamentals (IP addressing, DNS), and general virtualization principles. Prior exposure to cloud computing concepts or a basic understanding of scripting (PowerShell/Bash) would be advantageous but is not strictly required, as key concepts are reviewed.

Q: Which specific Microsoft Azure certifications will this 'Azure Training Online' course help me prepare for, and how?

This course is primarily designed to build the foundational and intermediate-level skills necessary for the Microsoft Certified: Azure Administrator Associate (AZ-104) certification. The curriculum directly aligns with the AZ-104 exam objectives, covering identity, governance, storage, compute, virtual networking, and monitoring in Azure. While not a direct exam prep course, it provides comprehensive knowledge and practical skills that are essential for passing the AZ-104.

Q: Beyond technical skills, how does this course empower me to drive efficiency and innovation in my organization's cloud strategy?

This course goes beyond just technical implementation; it instills a holistic understanding of how Azure services can be leveraged for business advantage. You'll learn to identify opportunities for cost optimization, improve operational efficiency through automation and monitoring, and design scalable, resilient cloud architectures. This enables you to contribute strategically to cloud adoption, advise on best practices, and drive innovation by effectively utilizing Azure's capabilities to meet organizational goals.

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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