



MICROSOFT TRAINING

AZ-900: Microsoft Azure Fundamentals

Kickstart your cloud career! Master Azure fundamentals and ace your AZ-900 certification exam.

DURATION

16 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Embark on your cloud computing journey with the AZ-900: Microsoft Azure Fundamentals course, a crucial first step for anyone looking to understand Microsoft's powerful cloud platform. This engaging and comprehensive course introduces you to core cloud concepts, including the benefits and considerations of using cloud services like scalability, elasticity, global reach, and the shared responsibility model. You'll gain a solid grasp of fundamental Azure services, covering computing, networking, storage, and database solutions, along with key architectural components such as regions, availability zones, and resource groups. The curriculum is meticulously designed to provide a foundational understanding that demystifies the complexities of cloud technology.

By completing this certification, you will not only be well-prepared to pass the AZ-900 Microsoft Azure Fundamentals exam but also acquire the essential vocabulary and conceptual framework needed to confidently discuss cloud solutions. This course is ideal for IT professionals, business users, and anyone new to cloud computing, enabling them to articulate the value of Azure and navigate its vast ecosystem. It serves as a launchpad for more advanced Azure certifications, offering a clear pathway to specializing in various cloud domains and significantly boosting your career prospects in the rapidly expanding cloud industry.

Duration	16 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	AZ-900

COURSE CURRICULUM

01 Module 1: Core Cloud Concepts

- Cloud benefits and considerations (scalability, elasticity, agility, fault tolerance, disaster recovery)
- Types of cloud models (Public, Private, Hybrid)
- Types of cloud services (IaaS, PaaS, SaaS)
- The Shared Responsibility Model
- Introduction to Azure

02 Module 2: Core Azure Architectural Components and Management Tools

- Azure Regions, Geographies, and Availability Zones
- Resource Groups, Subscriptions, and Management Groups
- Azure Resource Manager (ARM)
- Azure Portal, Azure PowerShell, Azure CLI, Azure Cloud Shell
- Azure Mobile App

03 Module 3: Core Azure Services: Compute, Networking, and Storage

- Azure Virtual Machines (VMs), Virtual Machine Scale Sets
- Azure App Service, Azure Container Instances (ACI), Azure Kubernetes Service (AKS)
- Virtual Networks, VPN Gateway, ExpressRoute, DNS, Load Balancer
- Azure Blob Storage, Azure Disk Storage, Azure File Storage, Storage Tiers
- Data migration options

04 Module 4: Core Azure Services: Databases, Analytics, and IoT

- Azure SQL Database, Azure Database for MySQL, PostgreSQL, MariaDB

- Azure Cosmos DB
- Azure Synapse Analytics, Azure HDInsight, Azure Databricks
- Azure IoT Hub, Azure IoT Central
- Azure Machine Learning overview

05 Module 5: Azure Identity, Security, and Governance

- Azure Active Directory (Azure AD) and Identity Protection
- Authentication methods (MFA, SSO)
- Azure Security Center (Defender for Cloud), Azure Firewall, DDoS Protection
- Network Security Groups (NSGs)
- Azure Policy, Azure Blueprints, Resource Locks
- Cloud Adoption Framework for Azure

06 Module 6: Azure Cost Management, Monitoring, and Service Level Agreements

- Factors affecting Azure costs (resource types, consumption, location)
- Azure Pricing Calculator, Total Cost of Ownership (TCO) Calculator
- Azure Cost Management and Billing
- Service Level Agreements (SLAs) for Azure services
- Azure Monitor, Azure Service Health

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure Cloud Administrator Assistant**
- > **Cloud Solution Sales Specialist**
- > **IT Support Professional with Cloud Focus**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or skills will I gain from the AZ-900 course that are critical for advancing to more specialized Azure certifications?

The AZ-900 course provides a robust understanding of core cloud concepts like IaaS, PaaS, SaaS, the Shared Responsibility Model, and fundamental Azure architectural components such as regions, availability zones, resource groups, and subscriptions. These concepts are the bedrock for all advanced Azure certifications (e.g., Administrator, Developer, Solutions Architect) and will enable you to grasp more complex topics quickly, ensuring a smoother transition to higher-level roles and responsibilities in cloud environments.

Q: Is the AZ-900: Microsoft Azure Fundamentals course suitable for non-technical professionals or individuals with limited IT background seeking a career transition into cloud computing?

Absolutely. The AZ-900 course is specifically designed as an entry-level certification that does not require prior technical experience with Azure or even extensive IT knowledge. It focuses on conceptual understanding of cloud services and the Azure platform, making it ideal for business users, project managers, sales professionals, or anyone looking to understand the capabilities of Azure and its business value, thereby facilitating a career pivot into cloud-focused roles or enhancing current roles with cloud literacy.

Q: How does achieving the AZ-900 certification specifically enhance my employability and what types of entry-level cloud-focused responsibilities can I expect to take on?

The AZ-900 certification validates your foundational understanding of cloud services and Microsoft Azure, making you a more attractive candidate for entry-level positions where cloud literacy is valued. You'll be equipped to understand cloud terminology, articulate the benefits of Azure, and comprehend basic service types. This opens doors to roles such as IT Support Professional with a cloud focus, Cloud Solution Sales Specialist, or even an Azure Cloud Administrator Assistant, where you might assist with managing cloud resources, explaining cloud benefits to clients, or contributing to cloud adoption initiatives within an organization.

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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