



MICROSOFT TRAINING

AZ-900: Microsoft Azure Fundamentals

Start your cloud journey with Azure! Master core services and prepare for the AZ-900 certification.

DURATION

2 hours

LEVEL

Beginner

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Embark on your cloud journey with Computer Pride's AZ-900: Microsoft Azure Fundamentals course, a crucial first step for anyone looking to understand the core concepts of cloud computing and Microsoft Azure. This intensive 2-hour beginner-level course provides a comprehensive overview of cloud services, focusing on Azure's architecture, services, management tools, and security features. You'll gain a solid foundational understanding of what cloud computing entails, its benefits, and how Azure provides scalable, flexible, and cost-effective solutions for businesses globally. This course covers everything from basic cloud models (IaaS, PaaS, SaaS) to Azure's core architectural components, allowing you to confidently discuss Azure's capabilities.

Completing the AZ-900 certification demonstrates a fundamental knowledge of cloud services and how Microsoft Azure implements these concepts. It's designed for individuals from non-technical backgrounds, those new to cloud computing, or anyone needing to validate their foundational Azure knowledge. This certification serves as an excellent stepping stone for further, more specialized Azure certifications, opening doors to advanced roles in cloud administration, development, and architecture. With the demand for cloud-skilled professionals continually rising, this course provides a distinct advantage, equipping you with the essential vocabulary and understanding to thrive in today's cloud-centric IT landscape.

Duration	2 hours
Level	Beginner
Vendor	Microsoft
Exam Code	AZ-900

PREREQUISITES

- Understanding of cloud computing concepts
- Familiarity with Azure portal
- Basic PowerShell or CLI experience
- Understanding of virtualization concepts

COURSE CURRICULUM

01 Module 1: Describe Cloud Concepts

- Cloud Computing Benefits and Considerations
- Types of Cloud Models (Public, Private, Hybrid)
- Types of Cloud Services (IaaS, PaaS, SaaS)
- Distinguishing between Capital Expenditure (CapEx) and Operational Expenditure (OpEx)

02 Module 2: Describe Core Azure Architectural Components

- Azure Regions and Availability Zones
- Resource Groups, Azure Resources, and Azure Subscriptions
- Management Groups
- Azure Resource Manager
- Geographies and Paired Regions

03 Module 3: Describe Core Azure Services and Management Tools

- Core Compute Services (Virtual Machines, Containers, Azure Functions)

- Core Networking Services (Virtual Network, VPN Gateway, ExpressRoute)
- Core Storage Services (Blob, Disk, File, Archive Storage)
- Databases (Azure SQL Database, Azure Cosmos DB)
- Azure Marketplace
- Azure CLI, Azure PowerShell, Azure Portal, Azure Cloud Shell

04 Module 4: Describe General Security and Network Security Features

- Azure Security Center (for posture management and threat protection)
- Azure Sentinel
- Azure Dedicated Host
- Defense in Depth
- Network Security Groups (NSG)
- Azure Firewall, DDoS Protection

05 Module 5: Describe Identity, Governance, Privacy, and Compliance Features

- Azure Active Directory (Azure AD)
- Conditional Access
- Role-Based Access Control (RBAC)
- Azure Policy, Azure Blueprints
- Resource Locks, Azure Advisor
- Microsoft Privacy Statement, Trust Center, Azure compliance documentation, Azure Sovereign Regions (Azure Government, Azure China)

06 Module 6: Describe Azure Cost Management and Service Level Agreements

- Factors affecting costs (resource types, services, location, ingress/egress traffic)
- Azure Pricing Calculator, Total Cost of Ownership (TCO) Calculator
- Azure Cost Management and Billing
- Service Level Agreements (SLAs) for Azure services
- Public and Private Previews for Azure products

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **IT Support Specialist (transitioning to cloud operations)**
- > **Business User/Stakeholder engaging with Azure-based projects**
- > **Junior Cloud Administrator Assistant**

FREQUENTLY ASKED QUESTIONS

Q: What foundational cloud skills will I gain from the AZ-900 course that are immediately applicable in a professional setting?

Upon completing the AZ-900 course, you'll gain a solid understanding of fundamental cloud concepts, including IaaS, PaaS, and SaaS models, and how they apply in real-world scenarios. You'll be able to articulate the benefits of cloud computing, identify core Azure architectural components like regions and resource groups, and recognize key Azure services for compute, networking, and storage. This knowledge allows you to confidently participate in cloud discussions, understand Azure's role in IT infrastructure, and even assist in basic cloud resource management, making you a valuable asset in any organization leveraging Azure.

Q: Is the AZ-900 certification a necessary prerequisite for pursuing more advanced Azure role-based certifications, and how does it streamline my career progression?

While not strictly mandatory for all advanced Azure certifications, the AZ-900 is highly recommended as it provides the essential foundational knowledge upon which all other Azure certifications are built. It serves as an excellent 'on-ramp' to the Azure certification path, ensuring you understand the core terminology, services, and security principles before diving into more complex topics like Azure Administration (AZ-104), Development (AZ-204), or Architecture (AZ-305). Holding the AZ-900 certification demonstrates to employers that you possess a baseline understanding of Azure, which is crucial for roles requiring deeper cloud expertise and significantly streamlines your progression into specialized cloud roles.

Q: Beyond traditional IT roles, what other professional capacities or business functions can significantly benefit from an AZ-900 certification?

The AZ-900 certification extends its value beyond traditional IT roles to various professional capacities. Business analysts, project managers, sales professionals, and even marketing specialists working with cloud-based solutions can benefit immensely by understanding the underlying technology. For instance, project managers can better estimate resources and timelines for Azure projects, sales professionals can more effectively articulate the value of Azure services to clients, and business analysts can better interpret cloud expenditure reports. It empowers non-technical roles to make more informed decisions, collaborate more effectively with technical teams, and contribute to an organization's cloud strategy.

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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