# Your First Step into Cloud The Ultimate Guide to Passing the AZ-900 Microsoft Azure Fundamentals Exam

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If you’re looking to launch a career in cloud computing, **Microsoft Azure Fundamentals (AZ-900)** is the ideal starting point. Whether you’re a student, career changer, non-technical professional, or someone in sales or project management, this beginner-level certification will give you a **solid understanding of Azure services and cloud concepts**—without requiring hands-on technical skills.

In this blog, we’ll walk you through everything you need to know to pass the AZ-900 exam with confidence.

## 🧠 What Is the AZ-900 Certification?

**AZ-900: Microsoft Azure Fundamentals** is designed to validate your foundational knowledge of cloud computing principles and how Microsoft Azure delivers these services. It’s a **non-technical certification**—perfect for those new to IT or cloud environments.

* **Cost**: ~$99 USD
* **Format**: 40–60 multiple-choice questions
* **Time Limit**: 60 minutes
* **Passing Score**: 700/1000
* **No prerequisites required**

## 📚 What Topics Are Covered?

Here’s a breakdown of the **skills measured** on the AZ-900 exam:

### 1. Describe Cloud Concepts (25–30%)

* What is cloud computing?
* Benefits: scalability, elasticity, disaster recovery, high availability
* Cloud models: Public, Private, Hybrid
* Service models: IaaS, PaaS, SaaS

### 2. Describe Core Azure Services (15–20%)

* Azure compute: Virtual Machines, App Services, Azure Functions
* Storage: Blob, File, Disk
* Networking: Virtual Networks, VPN Gateway, Load Balancer
* Azure architectural components: regions, zones, resource groups

### 3. Describe Core Solutions and Management Tools (10–15%)

* IoT, AI, serverless computing
* Azure tools: Azure Portal, CLI, PowerShell
* Monitoring tools: Azure Monitor, Azure Advisor

### 4. Describe General Security and Network Security Features (10–15%)

* Azure Firewall, NSGs, DDoS protection
* Authentication vs. authorization
* Azure Security Center, Key Vault

### 5. Describe Identity, Governance, Privacy, and Compliance (20–25%)

* Azure Active Directory, RBAC, MFA
* Azure Policy, Locks, Tags
* Compliance: Microsoft Trust Center, GDPR, Azure Blueprints

### 6. Describe Azure Pricing, SLA, and Lifecycle (10–15%)

* Azure subscriptions and support plans
* Pricing calculators
* SLAs and composite SLAs

## 🧰 Best Resources to Prepare

### Microsoft Learn (Free)

Microsoft’s own [AZ-900 learning path](https://learn.microsoft.com/en-us/training/paths/azure-fundamentals/) includes interactive modules and quizzes designed by Microsoft trainers.

**Video Courses**

* **Udemy**: “AZ-900 Azure Fundamentals” by Scott Duffy or Alan Rodrigues
* **LinkedIn Learning**: Offers guided video-based instruction for visual learners
* **YouTube**: Look for free videos that explain cloud concepts and Azure basics

**Practice Tests**

Use free or paid mock exams from:

* ExamTopics
* Whizlabs
* MeasureUp

## 🧩 Tips for Success

* Use a **free Azure account** to explore services hands-on  
  👉 <https://azure.microsoft.com/free>
* Understand **core concepts**, not deep configurations
* Review the **Microsoft Trust Center** for compliance questions
* Focus on **use cases and benefits** of services, not CLI syntax or APIs

## 🎯 Why AZ-900 Matters

The AZ-900 certification isn't just a résumé booster—it’s a **gateway to future certifications** like Azure Administrator (AZ-104), Azure Data Engineer (DP-203), or Azure AI Engineer (AI-102). It proves to employers that you understand cloud principles and how Microsoft Azure supports modern business operations.

## 🔗 Helpful Links

* [AZ-900 Microsoft Learn Path](https://learn.microsoft.com/en-us/training/paths/azure-fundamentals/)
* [AZ-900 Exam Details](https://learn.microsoft.com/en-us/certifications/exams/az-900/)
* [Azure Free Trial](https://azure.microsoft.com/free)

## 📣 Share Your Journey

As you prepare for the AZ-900, connect with others and stay motivated by sharing your progress with hashtags like:  
**#AzureCertification #AZ900 #MicrosoftAzure #CloudComputing #CloudCareers #LearnAzure #AzureFundamentals #TechCareers #Upskill #AIForBeginners**