**Microsoft Azure AZ-900 Exam Preparation Guide for 2025**

**Exam Overview**

The AZ-900 exam tests foundational knowledge of cloud services and how these services are provided with Microsoft Azure. As of 2025, it includes:

# Cloud concepts (20-25%)

# Azure architecture and services (35-40%)

# Azure management and governance (30-35%)

# Azure pricing and support (20-25%)

**Study Strategy**

Step 1: Learn the Core Concepts

# Start by understanding these key areas:

- Cloud Computing Fundamentals

- IaaS, PaaS, SaaS models

- Public, private, and hybrid clouds

- Cloud benefits (high availability, scalability, elasticity, agility, fault tolerance)

**Azure Core Services**

- Compute (VMs, App Services, Containers, Functions)

- Networking (VNets, Load Balancers, VPN Gateway, CDN)

- Storage (Blob, Files, Queue, Table)

- Database solutions (SQL Database, Cosmos DB)

**Security & Compliance**

- Azure Security Center

- Key Vault

- Role-Based Access Control (RBAC)

- Compliance offerings

**Pricing & Support**

- Subscription types

- Cost management tools

- Service Level Agreements (SLAs)

- Azure support options

Step 2: Hands-On Experience

Set up a free Azure account and practice:

- Creating and configuring basic resources

- Using the Azure Portal, CLI, and PowerShell

- Monitoring resources with Azure Monitor

- Working with Azure Advisor

Step 3: Practice Tests

- Take multiple practice exams to identify knowledge gaps and build confidence.

**Sample Practice Questions**

Let me provide some sample questions reflecting the 2025 exam style:

Question: Your company wants to deploy applications with minimal management of the underlying infrastructure. Which service model best meets this requirement?

A. Infrastructure as a Service (IaaS)

B. Platform as a Service (PaaS)

C. Software as a Service (SaaS)

D. Data as a Service (DaaS)

Answer: B. Platform as a Service (PaaS)

Question: Which Azure service would you use to store unstructured data like images and videos?

A. Azure Cosmos DB

B. Azure SQL Database

C. Azure Table Storage

D. Azure Blob Storage

Answer: D. Azure Blob Storage

Question: Which feature enables you to configure role-based permissions to Azure resources?

A. Azure Key Vault

B. Azure Active Directory

C. Azure Policy

D. Azure Security Center

Answer: B. Azure Active Directory

Question: Your organization wants to ensure that all Azure resources are properly tagged with department information. Which Azure service should you use?

A. Azure Policy

B. Azure Monitor

C. Azure Advisor

D. Azure Service Health

Answer: A. Azure Policy

Question: Which of the following is NOT a benefit of using cloud services?

A. Increased capital expenditure

B. Scalability

C. High availability

D. Disaster recovery

Answer: A. Increased capital expenditure

**Study Resources**

- Official Microsoft Learning Path

- Microsoft Learn modules for AZ-900

- Azure documentation

**Training Options**

- Microsoft Virtual Training Days (free)

- Online courses on Udemy, Pluralsight, or Microsoft Learning Partners

- Official Microsoft exam prep videos

**Practice Labs and Simulators**

- MeasureUp practice tests

- Whizlabs AZ-900 labs

**Exam Day Tips**

- Get plenty of rest the night before

- Read each question carefully - look for keywords that may change the meaning

- Eliminate obviously wrong answers first

- Manage your time - 60 minutes for approximately 40-60 questions

- Flag difficult questions and return to them later

**Common Pitfalls to Avoid**

- Not getting hands-on experience with Azure Portal

- Focusing too much on memorization rather than understanding concepts

- Not taking enough practice tests

- Underestimating security and governance questions

- Rushing through questions without reading thoroughly