MICROSOFT AZ-900

Microsoft Azure Fundamentals Certification Questions & Answers

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AZ-900
Microsoft Certified - Azure Fundamentals
40-60 Questions Exam – 700 / 1000% Cut Score – Duration of 60 minutes

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Discover More about the AZ-900 Certification

Are you interested in passing the Microsoft AZ-900 exam? First discover, who benefits from the AZ-900 certification. The AZ-900 is suitable for a candidate if he wants to learn about Microsoft Azure. Passing the AZ-900 exam earns you the Microsoft Certified - Azure Fundamentals title.

While preparing for the AZ-900 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The AZ-900 PDF contains some of the most valuable preparation tips and the details and instant access to useful **AZ-900 study materials just at one click**.

Microsoft AZ-900 Azure Fundamentals Certification Details:

Exam Name	Microsoft Certified - Azure Fundamentals
Exam Code	AZ-900
Exam Price	$99 (USD)
Duration	60 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**AZ-900T00-A: Microsoft Azure Fundamentals** **AZ-900T01-A: Microsoft Azure Fundamentals**
Schedule Exam	**Pearson VUE**
Sample Questions	**Microsoft Azure Fundamentals Sample Questions**
Practice Exam	**Microsoft AZ-900 Certification Practice Exam**

AZ-900 Syllabus:

Topic	Details
Describe Cloud Concepts (20-25%)	
Identify the benefits and considerations	- identify the benefits of cloud computing, such as High Availability, Scalability, Elasticity, Agility, and Disaster

Topic	Details
of using cloud services	Recovery - identify the differences between Capital Expenditure (CapEx) and Operational Expenditure (OpEx) - describe the consumption-based model
Describe the differences between categories of cloud services	- describe the shared responsibility model - describe Infrastructure-as-a-Service (IaaS) - describe Platform-as-a-Service (PaaS) - describe serverless computing - describe Software-as-a-Service (SaaS) - identify a service type based on a use case
Describe the differences between types of cloud computing	- define cloud computing - describe Public cloud - describe Private cloud - describe Hybrid cloud - compare and contrast the three types of cloud computing
Describe Core Azure Services (15-20%)	
Describe the core Azure architectural components	- describe the benefits and usage of Regions and Region Pairs - describe the benefits and usage of Availability Zones - describe the benefits and usage of Resource Groups - describe the benefits and usage of Subscriptions - describe the benefits and usage of Management Groups - describe the benefits and usage of Azure Resource Manager - explain Azure resources
Describe core resources available in Azure	- describe the benefits and usage of Virtual Machines, Azure App Services, Azure Container Instances (ACI), Azure Kubernetes Service (AKS), and Azure Virtual Desktop - describe the benefits and usage of Virtual Networks, VPN Gateway, Virtual Network peering, and ExpressRoute - describe the benefits and usage of Container (Blob) Storage, Disk Storage, File Storage, and storage tiers - describe the benefits and usage of Cosmos DB, Azure

Topic	Details
	SQL Database, Azure Database for MySQL, Azure Database for PostgreSQL, and Azure SQL Managed Instance - describe the benefits and usage of Azure Marketplace
Describe core solutions and management tools on Azure (10-15%)	
Describe core solutions available in Azure	- describe the benefits and usage of Internet of Things (IoT) Hub, IoT Central, and Azure Sphere - describe the benefits and usage of Azure Synapse Analytics, HDInsight, and Azure Databricks - describe the benefits and usage of Azure Machine Learning, Cognitive Services and Azure Bot Service - describe the benefits and usage of serverless computing solutions that include Azure Functions and Logic Apps - describe the benefits and usage of Azure DevOps, GitHub, GitHub Actions, and Azure DevTest Labs
Describe Azure management tools	- describe the functionality and usage of the Azure Portal, Azure PowerShell, Azure CLI, Cloud Shell, and Azure Mobile App - describe the functionality and usage of Azure Advisor - describe the functionality and usage of Azure Resource Manager (ARM) templates - describe the functionality and usage of Azure Monitor - describe the functionality and usage of Azure Service Health
Describe general security and network security features (10-15%)	
Describe Azure security features	- describe basic features of Microsoft Defender for Cloud, including policy compliance, security alerts, secure score, and resource hygiene - describe the functionality and usage of Azure Key Vault - describe the functionality and usage of Microsoft Sentinel - describe the functionality and usage of Azure Dedicated Hosts

Topic	Details
Describe Azure network security	- describe the concept of defense in depth - describe the functionality and usage of Network Security Groups (NSG) - describe the functionality and usage of Azure Firewall - describe the functionality and usage of Azure DDoS protection
Describe identity, governance, privacy, and compliance features (15-20%)	
Describe core Azure identity services	- explain the difference between authentication and authorization - define Azure Active Directory - describe the functionality and usage of Azure Active Directory - describe the functionality and usage of Conditional Access, Multi-Factor Authentication (MFA), and Single Sign-On (SSO)
Describe Azure governance features	- describe the functionality and usage of Role-Based Access Control (RBAC) - describe the functionality and usage of resource locks - describe the functionality and usage of tags - describe the functionality and usage of Azure Policy - describe the functionality and usage of Azure Blueprints - describe the Cloud Adoption Framework for Azure
Describe privacy and compliance resources	- describe the Microsoft core tenets of Security, Privacy, and Compliance - describe the purpose of the Microsoft Privacy Statement, Online Services Terms (OST) and Data Protection Amendment (DPA) - describe the purpose of the Trust Center - describe the purpose of the Azure compliance documentation - describe the purpose of Azure Sovereign Regions (Azure Government cloud services and Azure China cloud services)

Topic	Details
Describe Azure cost management and Service Level Agreements (10-15%)	
Describe methods for planning and managing costs	- identify factors that can affect costs (resource types, services, locations, ingress and egress traffic) - identify factors that can reduce costs (reserved instances, reserved capacity, hybrid use benefit, spot pricing) - describe the functionality and usage of the Pricing calculator and the Total Cost of Ownership (TCO) calculator - describe the functionality and usage of Azure Cost Management
Describe Azure Service Level Agreements (SLAs) and service lifecycles	- describe the purpose of an Azure Service Level Agreement (SLA) - identify actions that can impact an SLA (i.e. Availability Zones) - describe the service lifecycle in Azure (Public Preview and General Availability)

Broaden Your Knowledge with Microsoft AZ-900 Sample Questions:

Question: 1

Your company plans to deploy several million sensors that will upload data to Azure. You need to identify which Azure resources must be created to support the planned solution. Which two Azure resources should you identify?

Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- a) Azure Data Lake
- b) Azure Queue storage
- c) Azure IoT Hub
- d) Azure File Storage
- e) Azure Notification Hubs

Answer: a, c

Question: 2

Your company uses management groups to manage resources in your Azure tenant more efficiently. User1 should be able to assign access and assign policies to management groups. You need to determine to which role-based access control (RBAC) role User1 should be added.

Your solution should follow the principle of least privilege. To which role should you add User1?

- a) User Access Administrator
- b) Owner
- c) Management Group Contributor
- d) Contributor

Answer: a

Question: 3

A company is planning on deploying a stateless based application based on microservices using the Azure Service Fabric service. You need to design the infrastructure that would be required in the Azure Service Fabric service.

Which of the following should you consider?

(Choose two)

- a) The number of node types in the cluster
- b) The properties for each node type
- c) The network connectivity
- d) The service tier

Answer: a, b

Question: 4

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region. Which Azure service should you use from the Azure portal to view service failure notifications that can affect the availability of VM1?

- a) Azure Service Fabric
- b) Azure Monitor
- c) Azure virtual machines
- d) Azure Advisor

Answer: c

Question: 5

A team has an Azure CosmosDB account. A solution needs to be in place to generate an alert from Azure Log Analytics when a query request charge exceeds 40 units more than 10 times during a 10-minute window.
Which of the following would you recommend?

(Choose two)

a) Create a search query to identify when the requestCharge_s exceeds 40.
b) Create a search query to identify when the requestCharge_s exceeds 10.
c) Create a search query to identify when the duration_s exceeds 10.
d) Configure a period of 10 and a frequency of 10.

Answer: a, d

Question: 6

Which service provides serverless computing in Azure?

a) Azure Virtual Machines
b) Azure Functions
c) Azure storage account
d) Azure Container Instances

Answer: b

Question: 7

Your company is planning a deployment using Azure Database for PostgreSQL. The deployment should meet the following requirements:

- Up to 10 TB storage
- Azure Premium Storage
- Point-in-time-restore for up to 35 days

You need to select the appropriate deployment and pricing tier to meet these requirements and minimize costs. What should you select?

a) Azure Database for PostgreSQL Single Server Basic tier
b) Azure Database for PostgreSQL Single Server Memory Optimized tier
c) Azure Database for PostgreSQL Hyperscale (Citus)
d) Azure Database for PostgreSQL Single Server General Purpose tier

Answer: d

Question: 8

Which Azure service should you use to store certificates?

    a) Azure Security Center
    b) an Azure Storage account
    c) Azure Key Vault
    d) Azure Information Protection

Answer: c

Question: 9

In which Azure support plans can you open a new support request?

    a) Premier and Professional Direct only
    b) Premier, Professional Direct, and Standard only
    c) Premier, Professional Direct, Standard, and Developer only
    d) Premier, Professional Direct, Standard, Developer, and Basic

Answer: d

Question: 10

What are two characteristics of the public cloud?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

    a) dedicated hardware
    b) unsecured connections
    c) limited storage
    d) metered pricing
    e) self-service management

Answer: d, e

Avail the Study Guide to Pass Microsoft AZ-900 Azure Fundamentals Exam:

- Find out about the AZ-900 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **AZ-900 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the AZ-900 training. Joining the Microsoft provided training for AZ-900 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **AZ-900 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. AZ-900 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

- Passing the AZ-900 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the AZ-900 Certification

EduSum.Com is here with all the necessary details regarding the AZ-900 exam. We provide authentic practice tests for the AZ-900 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on EduSum.Com for rigorous, unlimited two-month attempts on the **AZ-900 practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Microsoft Certified - Azure Fundamentals.

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