



MICROSOFT AZ-900

Microsoft Azure Fundamentals Certification Questions & Answers

Exam Summary – Syllabus – Questions

AZ-900

[Microsoft Certified - Azure Fundamentals](#)

40-60 Questions Exam - 700/1000 Cut Score - Duration of 60 minutes

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Know Your AZ-900 Certification Well:

The AZ-900 is best suitable for candidates who want to gain knowledge in the Microsoft Azure. Before you start your AZ-900 preparation you may struggle to get all the crucial Azure Fundamentals materials like AZ-900 syllabus, sample questions, study guide.

But don't worry the AZ-900 PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the AZ-900 syllabus?
- How many questions are there in the AZ-900 exam?
- Which Practice test would help me to pass the AZ-900 exam at the first attempt?

Passing the AZ-900 exam makes you Microsoft Certified - Azure Fundamentals. Having the Azure Fundamentals certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

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 | Weights |
|------------------------------|---|---------|
| Describe cloud concepts | <p>- Identify the benefits and considerations of using cloud services</p> <ul style="list-style-type: none"> • identify the benefits of cloud computing, such as High Availability, Scalability, Elasticity, Agility, and Disaster Recovery • Identify the differences between Capital Expenditure (CapEx) and Operational Expenditure (OpEx) • describe the consumption-based model <p>- Describe the differences between categories of cloud services</p> <ul style="list-style-type: none"> • 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 <p>- Describe the differences between types of cloud computing</p> <ul style="list-style-type: none"> • define cloud computing • describe public cloud • describe private cloud • describe hybrid cloud • compare and contrast the three types of cloud computing | 20-25% |
| Describe core Azure services | <p>- Describe the core Azure architectural components</p> <ul style="list-style-type: none"> • 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 | 15-20% |

| Topic | Details | Weights |
|---|--|---------|
| | <ul style="list-style-type: none"> • explain Azure resources <p>- Describe core resource available in Azure</p> <ul style="list-style-type: none"> • describe the benefits and usage of Virtual Machines, Azure App Services, Azure Container Instances (ACI), Azure Kubernetes Service (AKS), and Windows 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 SQL Database, Azure Database for MySQL, Azure Database for PostgreSQL, and SQL Managed Instance • describe the benefits and usage of Azure Marketplace | |
| Describe core solutions and management tools on Azure | <p>- Describe core solutions available in Azure</p> <ul style="list-style-type: none"> • 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 <p>- Describe Azure management tools</p> <ul style="list-style-type: none"> • 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 | 10-15% |
| Describe general | <ul style="list-style-type: none"> • - Describe Azure security features | 10-15% |

| Topic | Details | Weights |
|---|--|---------|
| security and network security features | <ul style="list-style-type: none"> • describe basic features of Azure Security Center, including policy compliance, security alerts, secure score, and resource hygiene • describe the functionality and usage of Key Vault • describe the functionality and usage of Azure Sentinel • describe the functionality and usage of Azure Dedicated Hosts <p>- Describe Azure network security</p> <ul style="list-style-type: none"> • 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 | <p>- Describe core Azure identity services</p> <ul style="list-style-type: none"> • 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) <p>- Describe Azure governance features</p> <ul style="list-style-type: none"> • 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 <p>- Describe privacy and compliance resources</p> <ul style="list-style-type: none"> • describe the Microsoft core tenets of Security, Privacy, and Compliance | 20-25% |

| Topic | Details | Weights |
|---|--|---------|
| | <ul style="list-style-type: none"> • 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) | |
| Describe Azure cost management and Service Level Agreements | <p>- Describe methods for planning and managing costs</p> <ul style="list-style-type: none"> • 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 <p>- Describe Azure Service Level Agreements (SLAs) and service lifecycles</p> <ul style="list-style-type: none"> • 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) | 10-15% |

Microsoft AZ-900 Sample Questions:

Question: 1

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: 2

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: 3

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: 4

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: 5

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: 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**

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: 8

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

Question: 9

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: 10

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

Study Guide to Crack Microsoft Azure Fundamentals AZ-900 Exam:

- Getting details of the AZ-900 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the AZ-900 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for AZ-900 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the AZ-900 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on AZ-900 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for AZ-900 Certification

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