AZ-900

Microsoft Azure Fundamentals Certification Questions & Answers

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

Here Is All the Crucial Things Like Syllabus | Study Guide | Sample Questions to Help You Ace the AZ-900 Microsoft Azure Fundamentals Exam

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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	**– Describe the benefits and considerations of using cloud services** • describe terms such as High Availability, Scalability, Elasticity, Agility, Fault Tolerance, and Disaster Recovery • describe the principles of economies of scale • describe the differences between Capital Expenditure (CapEx) and Operational Expenditure (OpEx) • describe the consumption-based model **– Describe the differences between Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)** • describe Infrastructure-as-a-Service (IaaS) • describe Platform-as-a-Service (PaaS) • describe Software-as-a-Service (SaaS) • compare and contrast the three different service types **– Describe the differences between public, private and hybrid cloud models** • describe public cloud • describe private cloud • describe hybrid cloud • compare and contrast the three different cloud models	15-20%
Describe core Azure services	**– Describe the core Azure architectural components**	30-35%

Topic	Details	Weights
	• describe Regions • describe Availability Zones • describe Resource Groups • describe Azure Resource Manager • describe the benefits and usage of core Azure architectural components **- Describe some of the core products available in Azure** • describe products available for Compute such as Virtual Machines, Virtual Machine Scale Sets, App Services, Azure Container Instances (ACI) and Azure Kubernetes Service (AKS) • describe products available for Networking such as Virtual Network, Load Balancer, VPN Gateway, Application Gateway and Content Delivery Network • describe products available for Storage such as Blob Storage, Disk Storage, File Storage, and Archive Storage • describe products available for Databases such as Cosmos DB, Azure SQL Database, Azure Database for MySQL, Azure Database for PostgreSQL, Azure Database Migration service • describe the Azure Marketplace and its usage scenarios **- Describe some of the solutions available on Azure** • describe Internet of Things (IoT) and products that are	

Topic	Details	Weights
	available for IoT on Azure such as IoT Hub and IoT Central	
	• describe Big Data and Analytics and products that are available for Big Data and Analytics such as, HDInsight, and Azure Databricks	
	• describe Artificial Intelligence (AI) and products that are available for AI such as Azure Machine Learning Service and Studio	
	• describe Serverless computing and Azure products that are available for serverless computing such as Azure Functions, Logic Apps, and Event Grid	
	• describe DevOps solutions available on Azure such as Azure DevOps and Azure DevTest Labs	
	• describe the benefits and outcomes of using Azure solutions	
	- Describe Azure management tools	
	• describe Azure tools such as Azure Portal, Azure PowerShell, Azure CLI and Cloud Shell	
	• describe Azure Advisor	
Describe Security, Privacy, Compliance, and Trust	**- Describe securing network connectivity in Azure**	25-30%
	• describe Network Security Groups (NSG)	
	• describe Application Security Groups (ASG)	
	• describe User Defined Rules (UDR)	
	• describe Azure Firewall	

Topic	Details	Weights
	• describe Azure DDoS Protection	
	• choose an appropriate Azure security solution	
	- Describe core Azure Identity services	
	• describe the difference between authentication and authorization	
	• describe Azure Active Directory	
	• describe Azure Multi-Factor Authentication	
	- Describe security tools and features of Azure	
	• describe Azure Security Center	
	• describe Azure Security Center usage scenarios	
	• describe Key Vault	
	• describe Azure Information Protection (AIP)	
	• describe Azure Advanced Threat Protection (ATP)	
	- Describe Azure governance methodologies	
	• describe policies and initiatives with Azure Policy	
	• describe Role-Based Access Control (RBAC)	
	• describe Locks	
	• describe Azure Advisor security assistance	
	• describe Azure Blueprints	
	- Describe monitoring and reporting options in Azure	
	• describe Azure Monitor	
	• describe Azure Service Health	

Topic	Details	Weights
	• describe the use cases and benefits of Azure Monitor and Azure Service Health **- Describe privacy, compliance and data protection standards in Azure** • describe industry compliance terms such as GDPR, ISO and NIST • describe the Microsoft Privacy Statement • describe the Trust center • describe the Service Trust Portal • describe Compliance Manager • determine if Azure is compliant for a business need • describe Azure Government cloud services • describe Azure China cloud services	
Describe Azure pricing, Service Level Agreements, and Lifecycles	**- Describe Azure subscriptions** • describe an Azure subscription • describe the uses and options with Azure subscriptions such access control and offer types • describe subscription management using Management groups **- Describe planning and management of costs** • describe options for purchasing Azure products and services • describe options around Azure Free account	20-25%

Topic	Details	Weights
	• describe the factors affecting costs such as resource types, services, locations, ingress and egress traffic	
	• describe Zones for billing purposes	
	• describe the Pricing calculator	
	• describe the Total Cost of Ownership (TCO) calculator	
	• describe best practices for minimizing Azure costs such as performing cost analysis, creating spending limits and quotas, using tags to identify cost owners, using Azure reservations and using Azure Advisor recommendations	
	• describe Azure Cost Management	
	- Describe Azure Service Level Agreements (SLAs)	
	• describe a Service Level Agreement (SLA)	
	• describe Composite SLAs	
	• describe how to determine an appropriate SLA for an application	
	- Describe service lifecycle in Azure	
	• describe public and private preview features	
	• describe the term General Availability (GA)	
	• describe how to monitor feature updates and product changes	

Microsoft AZ-900 Sample Questions:

Question: 1

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: 2

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: 3

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: c

Question: 4

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: 5

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: 6

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: 7

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: 8

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: 9

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: 10

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

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 SAP 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

Make www.edusum.com your best friend during your Microsoft Azure Fundamentals exam preparation. We provide authentic practice tests for the AZ-900 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual AZ-900 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the AZ-900 exam.

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