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#1 Online Certification Guide

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 65 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	65 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**AZ-900T00-A: Microsoft Azure Fundamental**
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 (25-30%)	
Describe cloud computing	- Define cloud computing - Describe the shared responsibility model - Define cloud models, including public, private, and hybrid - Identify appropriate use cases for each cloud model - Describe the consumption-based model - Compare cloud pricing models - Describe serverless
Describe the benefits of using cloud services	- Describe the benefits of high availability and scalability in the cloud - Describe the benefits of reliability and predictability in the cloud - Describe the benefits of security and governance in the cloud - Describe the benefits of manageability in the cloud
Describe cloud service types	- Describe infrastructure as a service (IaaS) - Describe platform as a service (PaaS) - Describe software as a service (SaaS) - Identify appropriate use cases for each cloud service type (IaaS, PaaS, and SaaS)
Describe Azure architecture and Services (35-40%)	
Describe the core architectural components of Azure	- Describe Azure regions, region pairs, and sovereign regions - Describe availability zones - Describe Azure datacenters - Describe Azure resources and resource groups - Describe subscriptions - Describe management groups - Describe the hierarchy of resource groups, subscriptions, and management groups
Describe Azure compute and networking services	- Compare compute types, including containers, virtual machines, and functions - Describe virtual machine options, including Azure virtual machines, Azure Virtual Machine Scale Sets, availability sets, and Azure Virtual Desktop - Describe the resources required for virtual machines - Describe application hosting options, including web apps, containers, and virtual machines - Describe virtual networking, including the purpose of Azure virtual networks, Azure virtual subnets, peering, Azure DNS,

Topic	Details
	Azure VPN Gateway, and ExpressRoute - Define public and private endpoints
Describe Azure storage services	- Compare Azure storage services - Describe storage tiers - Describe redundancy options - Describe storage account options and storage types - Identify options for moving files, including AzCopy, Azure Storage Explorer, and Azure File Sync - Describe migration options, including Azure Migrate and Azure Data Box
Describe Azure identity, access, and security	- Describe directory services in Azure, including Microsoft Entra ID and Microsoft Entra Domain Services - Describe authentication methods in Azure, including single sign-on (SSO), multi-factor authentication (MFA), and passwordless - Describe external identities in Azure, including business-to-business (B2B) and business-to-customer (B2C) - Describe Microsoft Entra Conditional Access - Describe Azure role-based access control (RBAC) - Describe the concept of Zero Trust - Describe the purpose of the defense-in-depth model - Describe the purpose of Microsoft Defender for Cloud
Describe Azure management and governance (30-35%)	
Describe cost management in Azure	- Describe factors that can affect costs in Azure - Compare the Pricing calculator and the Total Cost of Ownership (TCO) calculator - Describe Cost Management capabilities in Azure - Describe the purpose of tags
Describe features and tools in Azure for governance and compliance	- Describe the purpose of Microsoft Purview in Azure - Describe the purpose of Azure Policy - Describe the purpose of resource locks
Describe features and tools for managing and deploying Azure resources	- Describe the Azure portal - Describe Azure Cloud Shell, including Azure Command-Line Interface (CLI) and Azure PowerShell - Describe the purpose of Azure Arc - Describe infrastructure as code (Iac) - Describe Azure Resource Manager (ARM) and ARM templates
Describe monitoring tools in Azure	- Describe the purpose of Azure Advisor - Describe Azure Service Health - Describe Azure Monitor, including Log Analytics, Azure Monitor alerts, and Application Insights

Microsoft AZ-900 Sample Questions:

Question: 1

Which two characteristics are common advantages of cloud computing?
Each correct answer presents a complete solution.

a) high availability
b) geo-distribution
c) elimination of horizontal scaling
d) physical access to servers

Answer: a, b

Question: 2

You need to be notified when there are new recommendations for reducing Azure costs. Which tool should you use?

a) Azure Service Health
b) Azure Advisor
c) Azure Monitor
d) Log Analytics

Answer: b

Question: 3

What enables a user to sign in one time and use that credential to access multiple resources and applications from different providers?

a) device management
b) multi-factor authentication (MFA)
c) Conditional Access
d) single sign-on (SSO)

Answer: d

Question: 4

Why is cloud computing often less expensive than on-premises datacenters?

a) You are only billed for what you use.
b) Network bandwidth is free.
c) Cloud service offerings have limited functionality.
d) Services are only offered in a single geographic location.

Answer: a

Question: 5

For which resource does Azure generate separate billing reports and invoices by default?

a) management groups
b) resource groups
c) subscriptions
d) accounts

Answer: c

Question: 6

_____ uses Microsoft Azure infrastructure to host name resolution and record management for DNS domains. (Choose only one)

a) Azure DNS
b) App Service Domains
c) Azure Domains
d) Public IP addresses

Answer: a

Question: 7

In a platform as a service (PaaS) model, which two components are the responsibility of the cloud service provider? Each correct answer presents a complete solution.

a) operating system
b) physical network
c) user access
d) information and data

Answer: a, b

Question: 8

An organization is planning to deploy several virtual machines on Azure. Which cloud deployment solution is used for deploying virtual machines?

a) Community cloud (CCloud)
b) Infrastructure as a service (IaaS)
c) Platform as a service (PaaS)
d) Software as a service (SaaS)

Answer: b

Question: 9

Which of the following provides insight and control for resources in a subscription or management group of subscriptions?

a) Azure Policy
b) Azure Security Center
c) Azure Service Insights
d) Azure resource manager

Answer: a

Question: 10

What is the purpose of defense in depth?

a) to enable you to locate and act on resources that are associated with specific workloads, environments, business units, and owners
b) to manage policies that control or audit resources so that the configurations stay compliant with corporate standards
c) to use several layers of protection to prevent information from being accessed by unauthorized users
d) to evaluate resources and make recommendations to help improve reliability and performance

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 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

Make 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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