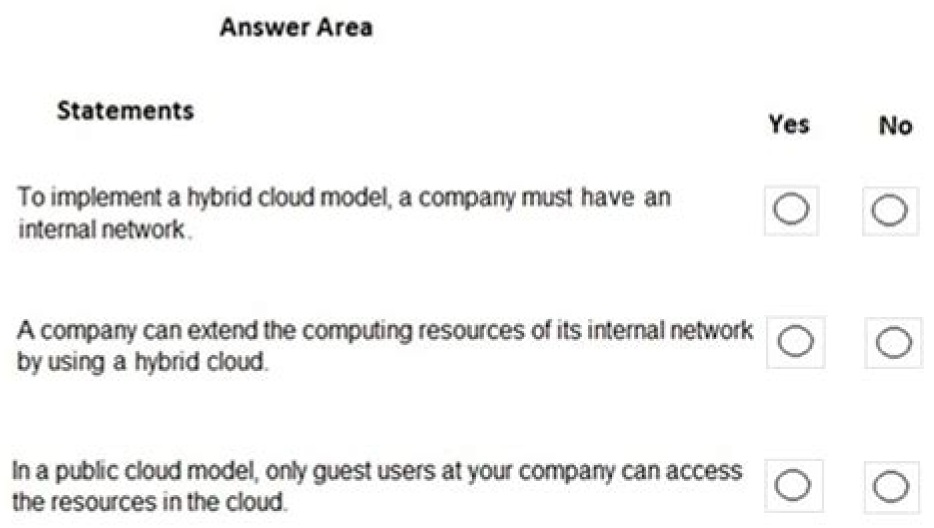
Az 900 Questions And Answers



Answer Area

Statements	Yes	No
To implement a hybrid cloud model, a company must have an internal network.	○	○
A company can extend the computing resources of its internal network by using a hybrid cloud.	○	○
In a public cloud model, only guest users at your company can access the resources in the cloud.	○	○

AZ-900 Questions and Answers are essential for anyone looking to validate their foundational knowledge of Microsoft Azure. The AZ-900 exam, officially known as the Microsoft Azure Fundamentals exam, is designed for individuals who want to demonstrate their understanding of cloud concepts and Azure services. This article will provide an overview of the exam, commonly asked questions, and their corresponding answers to help candidates prepare effectively.

Understanding the AZ-900 Exam

The AZ-900 exam is an entry-level certification that serves as an essential stepping stone for those interested in pursuing a career in cloud computing. It covers a variety of topics related to Microsoft Azure, including core services, pricing, support, security, and compliance.

Exam Format

- Type of Questions: Multiple-choice and multiple-response questions.
- Number of Questions: Typically, between 40 to 60 questions.
- Duration: 85 minutes to complete the exam.
- Passing Score: The passing score usually ranges from 700 to 1000, depending on the exam version.

Target Audience

The AZ-900 exam is ideal for:

- IT professionals new to Azure.
- Business stakeholders seeking to understand cloud-based solutions.

- Individuals who want to validate their knowledge of cloud concepts.

Key Topics Covered in the AZ-900 Exam

The AZ-900 exam covers several key domains, including:

1. Cloud Concepts (15-20%)
2. Core Azure Services (30-35%)
3. Security, Compliance, and Trust (25-30%)
4. Azure Pricing and Support (20-25%)

Commonly Asked AZ-900 Questions and Answers

Below are some frequently asked questions that reflect the types of inquiries candidates may encounter on the AZ-900 exam.

1. What is Cloud Computing?

Answer: Cloud computing is the delivery of computing services over the Internet. It allows users to access technology resources, such as servers, storage, databases, networking, software, and analytics, on-demand, without the need for physical hardware investments.

2. What are the three types of cloud service models?

Answer:

- Infrastructure as a Service (IaaS): Provides virtualized computing resources over the Internet, allowing users to rent infrastructure (servers, storage, etc.).
- Platform as a Service (PaaS): Offers a platform allowing customers to develop, run, and manage applications without dealing with the underlying infrastructure.
- Software as a Service (SaaS): Delivers software applications over the Internet on a subscription basis, removing the need for installation and maintenance.

3. Name some key benefits of cloud computing.

Answer:

- Cost Efficiency: Reduces capital expenditure by allowing organizations to pay only for what they use.
- Scalability: Easily scale resources up or down based on demand.
- Accessibility: Access services and data from anywhere with an Internet connection.
- Security: Enhanced security measures provided by cloud service providers.

- Automatic Updates: Providers deliver updates and maintenance automatically.

4. What is Microsoft Azure?

Answer: Microsoft Azure is a cloud computing platform and service created by Microsoft that provides a wide range of cloud services, including computing, analytics, storage, and networking. Users can choose and configure these services to meet their specific needs.

5. What are Azure Regions and Availability Zones?

Answer:

- Azure Regions: Geographical locations where Azure data centers are situated. Each region contains multiple data centers that store and manage data.
- Availability Zones: Physically separate locations within an Azure region that are designed to provide high availability and fault tolerance. Each zone is independent and has its own power, cooling, and networking.

6. What is Azure Resource Manager (ARM)?

Answer: Azure Resource Manager (ARM) is a deployment and management service for Azure. It allows users to create, update, and delete resources in Azure using a management layer. ARM provides a consistent way to manage resources through templates, role-based access control, and tagging.

7. What is the Azure Free Account?

Answer: The Azure Free Account allows new users to explore Azure services for free. It includes:

- A limited number of free services for the first 12 months.
- A credit to use on any Azure service for the first 30 days.
- Access to more than 25 services that are always free.

8. What is Azure Pricing Calculator?

Answer: The Azure Pricing Calculator is an online tool that helps users estimate the costs of Azure services. It allows users to select services, configure options, and see a detailed pricing estimate based on their choices.

9. What is the purpose of Azure Active Directory (Azure AD)?

Answer: Azure Active Directory (Azure AD) is a cloud-based identity and access management service. It allows organizations to manage user access to applications and resources securely. Azure AD supports single sign-on (SSO), multi-factor authentication, and identity protection.

10. What is the Shared Responsibility Model in cloud computing?

Answer: The Shared Responsibility Model defines the division of responsibilities between the cloud service provider and the customer. In this model:

- Cloud Provider: Manages the security of the cloud infrastructure, including physical security, network security, and virtualization.
- Customer: Responsible for securing data, applications, and user access within the cloud environment.

Study Tips for the AZ-900 Exam

To prepare effectively for the AZ-900 exam, consider the following study strategies:

1. Review Official Documentation: Familiarize yourself with Microsoft Azure's official documentation and learning paths.
2. Take Practice Exams: Utilize practice questions and exams to gauge your understanding and readiness.
3. Join Study Groups: Engage with others preparing for the exam to share knowledge and resources.
4. Use Online Courses: Consider enrolling in online courses that cover AZ-900 topics comprehensively.
5. Hands-on Experience: Create a free Azure account to gain practical experience by using Azure services.

Conclusion

Preparing for the AZ-900 exam can be a rewarding experience as it equips you with foundational knowledge of Microsoft Azure and cloud computing concepts. By understanding key topics, familiarizing yourself with commonly asked questions, and utilizing effective study strategies, you can enhance your chances of passing the exam and advancing your career in the cloud domain. Whether you are an IT professional, a business stakeholder, or someone new to cloud technologies, the AZ-900 certification can pave the way for more advanced Azure certifications and career opportunities in the ever-evolving field of cloud computing.

Frequently Asked Questions

What is AZ-900?

AZ-900 is the Microsoft Azure Fundamentals certification exam that tests a candidate's knowledge of cloud concepts, Azure services, security, compliance, privacy, pricing, and support.

What topics are covered in the AZ-900 exam?

The AZ-900 exam covers cloud concepts, core Azure services, Azure pricing and support, security and compliance, and cloud governance.

How can I prepare for the AZ-900 exam?

You can prepare for the AZ-900 exam by taking online courses, studying Microsoft documentation, using practice tests, and joining study groups or forums.

What is the passing score for the AZ-900 exam?

The passing score for the AZ-900 exam is typically around 700 out of 1000, but it may vary slightly based on the exam version.

Is prior technical experience required for the AZ-900 exam?

No, prior technical experience is not required for the AZ-900 exam, making it suitable for beginners and individuals new to cloud concepts.

How often is the AZ-900 exam updated?

The AZ-900 exam is updated periodically to reflect changes in Microsoft Azure services, features, and best practices, usually every 6 to 12 months.

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