

az 104 exam questions and answers

AZ-104 Exam Questions and Answers: Ace Your Microsoft Azure Administrator Certification

So, you're gearing up for the AZ-104 exam? Congratulations! That's a significant step towards boosting your cloud career. But let's be honest, the Microsoft Azure Administrator certification isn't a walk in the park. It requires dedicated study and a solid understanding of Azure's vast capabilities. This comprehensive guide provides you with a curated selection of AZ-104 exam questions and answers, designed to help you confidently tackle the real exam. We'll cover key concepts, practical scenarios, and offer strategies for success. Let's dive in!

Understanding the AZ-104 Exam Blueprint

Before we jump into specific questions, it's crucial to understand what the AZ-104 exam assesses. This certification tests your ability to manage and administer Azure resources, covering a wide range of topics, including:

Key Areas Covered in the AZ-104 Exam:

Managing Identities and Governance: This includes creating and managing user accounts, groups, roles, and implementing Azure Active Directory (Azure AD) features. Expect questions on RBAC (Role-Based Access Control) and Azure AD Connect.

Implementing Infrastructure as Code (IaC): Understanding and applying IaC using tools like Azure Resource Manager (ARM) templates and Bicep is vital. You'll need to know how to deploy and manage resources using these methods.

Deploying and Managing Virtual Machines: This section tests your knowledge of creating, configuring, scaling, and managing virtual machines (VMs) in Azure. Expect questions about different VM sizes, storage options, and networking configurations.

Networking: Azure networking is a significant portion of the exam. You'll need to understand virtual networks (VNETs), subnets, network security groups (NSGs), load balancers, and virtual private networks (VPNs).

Storage: This section covers various Azure storage services, including Blob storage, File storage, Queue storage, and Table storage. You should understand their use cases and how to manage them effectively.

Monitoring and Backups: Knowing how to monitor Azure resources for performance and health, and implementing backup and recovery strategies, is essential. Expect questions about Azure Monitor, Azure Backup, and disaster recovery scenarios.

Sample AZ-104 Exam Questions and Answers

Now, let's tackle some example questions to solidify your understanding. Remember, these are examples and the actual exam will vary.

Q1: What is the primary method for deploying and managing Azure resources as code?

- A) Azure CLI
- B) PowerShell
- C) Azure Resource Manager (ARM) templates
- D) Azure Portal

Answer: C) Azure Resource Manager (ARM) templates While the Azure CLI and PowerShell are used for managing Azure resources, ARM templates are the core for Infrastructure as Code.

Q2: Which Azure service provides a highly available and scalable solution for storing unstructured data like images and videos?

- A) Azure SQL Database
- B) Azure Cosmos DB
- C) Azure Blob Storage
- D) Azure Table Storage

Answer: C) Azure Blob Storage Blob storage is ideal for unstructured data.

Q3: You need to create a virtual network that allows communication between on-premises servers and Azure VMs. Which Azure service should you use?

- A) Azure Load Balancer
- B) Azure VPN Gateway
- C) Azure Firewall
- D) Azure ExpressRoute

Answer: B) Azure VPN Gateway or D) Azure ExpressRoute Both are valid solutions depending on the requirements. A VPN Gateway provides a site-to-site connection, while ExpressRoute provides a dedicated connection.

Advanced AZ-104 Concepts & Practice Scenarios

Q4: Explain the difference between Azure Availability Sets and Availability Zones.

Answer: Availability Sets provide redundancy within a single datacenter, protecting against hardware failures. Availability Zones provide redundancy across multiple datacenters, offering higher availability and resilience against regional outages.

Q5: How can you manage access control to Azure resources using the principle of least privilege?

Answer: Implement Role-Based Access Control (RBAC) and assign users only the necessary permissions to perform their tasks. Avoid assigning overly broad roles.

Mastering the AZ-104 Exam: Tips and Strategies

Hands-on Experience: The best way to prepare is through hands-on practice. Create a free Azure account and experiment with the services covered in the exam.

Microsoft Learn: Utilize Microsoft Learn's excellent training modules and practice labs.

Practice Exams: Take several practice exams to simulate the actual exam environment and identify areas where you need improvement.

Focus on Concepts: Don't just memorize answers; understand the underlying concepts.

Conclusion

Passing the AZ-104 exam requires diligent preparation and a solid grasp of Azure administration. By focusing on the key areas, practicing with sample questions, and utilizing available resources, you'll significantly increase your chances of success. Remember, consistent effort and hands-on experience are key to mastering Azure and achieving your certification goal.

Frequently Asked Questions (FAQs)

Q1: How many questions are on the AZ-104 exam?

A: The AZ-104 exam typically contains around 40-60 questions. The exact number can vary slightly.

Q2: What is the passing score for the AZ-104 exam?

A: Microsoft doesn't publicly disclose the exact passing score, but it's generally around 700.

Q3: How long is the AZ-104 exam?

A: You have 180 minutes (3 hours) to complete the AZ-104 exam.

Q4: Can I retake the AZ-104 exam if I fail?

A: Yes, you can retake the AZ-104 exam after waiting a certain period, usually 24 hours.

Q5: What resources are available to help me prepare for the AZ-104 exam besides this blog post?

A: Besides this blog post, Microsoft Learn, official Microsoft documentation, and various online courses and practice exams are excellent resources. Remember to utilize hands-on labs to solidify your understanding.

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