az 900 exam cheat sheet

AZ-900 Exam Cheat Sheet is an essential resource for anyone preparing for the Microsoft Azure Fundamentals certification. This exam is designed for individuals seeking foundational knowledge of cloud services and how those services are provided with Microsoft Azure. This article will provide a comprehensive cheat sheet to help you navigate through the key concepts, topics, and study tips that can enhance your preparation for the AZ-900 exam.

Understanding the AZ-900 Exam

The AZ-900 exam, officially known as "Microsoft Certified: Azure Fundamentals," covers a broad range of topics related to Azure services, cloud concepts, and security features. It is meant for individuals who are new to Azure and cloud computing in general.

Exam Objectives

The AZ-900 exam is structured around several key areas:

1. Cloud Concepts (15-20%)
- Understand the principles of cloud computing.
- Identify the benefits and considerations of using cloud services.

2. Core Azure Services (30-35%)
- Describe the core Azure services available.
- Understand Azure management tools and their functionalities.

3. Core Solutions and Management Tools on Azure (10-15%)
- Identify Azure solutions for AI and machine learning.
- Understand Azure IoT services and management tools.

4. Security, Compliance, and Trust (25-30%)
- Understand Azure security features and governance.
- Identify compliance and trust resources available on Azure.

5. Azure Pricing and Support (20-25%)
- Understand Azure subscription and pricing models.
- Describe the support options available for Azure customers.

Key Concepts to Review

To prepare effectively for the AZ-900 exam, it is critical to understand the following key concepts.

Cloud Computing Basics

- Cloud Models:
- Public Cloud: Services offered over the public internet and available to anyone.
- Private Cloud: Exclusive cloud services dedicated to a single organization.
- Hybrid Cloud: A combination of public and private clouds, allowing data and applications to be shared between them.

- Service Models:
- Infrastructure as a Service (IaaS): Provides virtualized computing resources over the internet.
- Platform as a Service (PaaS): Provides a platform allowing customers to develop, run, and manage applications without the complexity of building and maintaining the infrastructure.
- Software as a Service (SaaS): Delivers software applications over the internet, on a subscription basis.

Core Azure Services

- Compute Services:
- Azure Virtual Machines: On-demand, scalable computing resources.
- Azure App Service: A platform to build and host web apps, mobile back ends, and RESTful APIs.

- Storage Services:
- Azure Blob Storage: Object storage solution for the cloud.
- Azure File Storage: Managed file shares for cloud or on-premises deployments.

- Networking Services:
- Azure Virtual Network: Enables Azure resources to securely communicate with each other.
- Azure Load Balancer: Distributes network traffic across multiple servers.

- Databases:
- Azure SQL Database: Managed relational cloud database service.
- Azure Cosmos DB: Globally distributed, multi-model database service.

Security and Compliance

Understanding security and compliance in Azure is vital, as these are core components of cloud services.

Azure Security Features

- Azure Security Center: Unified security management system that provides advanced threat protection across hybrid cloud workloads.
- Azure Active Directory (Azure AD): Identity and access management service that helps you manage access to your applications.

- Network Security Groups (NSGs): Allow you to control inbound and outbound traffic to Azure resources.

Compliance and Trust Resources

- Azure Compliance Documentation: Provides information about regulatory compliance and services.
- Azure Trust Center: Offers details about Azure's security, privacy, and compliance practices.

Pricing and Support

One of the most important aspects of using Azure is understanding its pricing model and support options.

Azure Pricing Models

- Pay-As-You-Go: Pay only for what you use without upfront costs.
- Reserved Instances: Commit to a one- or three-year term for significant savings.
- Azure Free Account: New users can get started with Azure for free with a limited amount of credits.

Support Options

- Azure Support Plans:
- Basic: Included with a free account.
- Developer: Offers technical support for development and testing.
- Standard: Provides more comprehensive support for production workloads.
- Professional Direct: Highest level of support for mission-critical applications.

Study Tips for the AZ-900 Exam

Preparing for the AZ-900 exam requires a strategic approach to studying. Here are some effective study tips:

1. Use Official Study Materials:
- Microsoft Learn offers a free learning path specifically for the AZ-900 exam.
- Utilize Microsoft's documentation to enhance your understanding of Azure services.

2. Practice with Hands-On Labs:
- Engage in hands-on labs to familiarize yourself with the Azure portal.
- Use Azure's free tier to explore services and features.

3. Take Practice Exams:

- Use practice tests to assess your knowledge and readiness for the exam.
- Identify areas where you need further study and review those topics.

4. Join Study Groups:
- Collaborate with others preparing for the AZ-900 exam.
- Share resources, study tips, and insights to enhance your learning.

5. Schedule Your Exam:
- Set a date for your exam to create a sense of urgency in your study plan.
- Make sure to review all topics thoroughly before the exam day.

Conclusion

In conclusion, the AZ-900 exam cheat sheet serves as a vital tool in your preparation journey for the Microsoft Azure Fundamentals certification. By understanding the exam objectives, key concepts, and utilizing effective study strategies, you can increase your chances of success. Remember to leverage available resources, practice hands-on, and stay updated with the latest Azure developments. With dedication and the right approach, you can confidently tackle the AZ-900 exam and take a significant step towards your cloud computing career.

Frequently Asked Questions

What is the AZ-900 exam?

The AZ-900 exam, also known as the Microsoft Azure Fundamentals exam, tests a candidate's knowledge of cloud concepts, core Azure services, security, compliance, privacy, and Azure pricing and support.

What topics are covered in the AZ-900 exam cheat sheet?

An AZ-900 exam cheat sheet typically covers key topics like Azure services, cloud concepts, Azure pricing, support plans, and basic security measures within Azure.

Is using a cheat sheet recommended for the AZ-900 exam?

While cheat sheets can be useful for quick reference, it's important to thoroughly understand the concepts and not rely solely on them for exam preparation.

Where can I find a reliable AZ-900 exam cheat sheet?

Reliable AZ-900 exam cheat sheets can be found on educational websites, Azure training platforms, and community forums like Reddit or GitHub, but ensure they are up-to-date and from reputable sources.

How can I effectively use an AZ-900 exam cheat sheet?

You can effectively use an AZ-900 exam cheat sheet as a study aid by reviewing it alongside official Microsoft documentation and hands-on practice to reinforce your understanding of the material.

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

The passing score for the AZ-900 exam is typically 700 out of 1000, but it's advisable to check the official Microsoft website for the most current passing criteria.

Can I retake the AZ-900 exam if I fail?

Yes, if you fail the AZ-900 exam, you can retake it. Microsoft has a policy that allows candidates to retake the exam after 24 hours, but there may be additional waiting periods after multiple attempts.

[Az 900 Exam Cheat Sheet](#)

Find other PDF articles:

https://staging.liftfoils.com/archive-ga-23-08/files?ID=fBW39-2111&title=bark-a-field-guide-to-trees-of-the-northeast.pdf

Az 900 Exam Cheat Sheet

Back to Home: https://staging.liftfoils.com