Master Microsoft Security, Compliance, and Identity Fundamentals with 50 Test Prep Questions

Are you preparing for your Microsoft certification exam in Security, Compliance, and Identity Fundamentals? If so, this comprehensive guide is here to assist you. We've compiled 50 essential test prep questions to help you strengthen your knowledge and enhance your chances of success.

Exam SC-900: Microsoft Security, Compliance, and Identity Fundamentals 50 Test Prep Questions

by Ger Arevalo

★★★★★ 5 out of 5

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This article covers a wide range of topics, including:

- Security fundamentals

- Compliance fundamentals

- Identity fundamentals

Whether you're a seasoned IT professional or just starting out in this field, these questions will provide you with valuable insights and help you build a solid foundation in these critical areas.

Security Fundamentals

1. What is the difference between a firewall and an intrusion detection system (IDS)?

   A firewall acts as a barrier between your network and the outside world, blocking unauthorized access. An IDS monitors your network traffic and alerts you to potential threats, such as malicious software or hacking attempts.

2. What are the three main types of cyberattacks?

   Malware, phishing, and social engineering.

3. What is the importance of multi-factor authentication?

   Multi-factor authentication adds an extra layer of security by requiring users to provide multiple forms of identification, such as a password, a security token, or a biometric scan. This makes it much harder for attackers to gain access to sensitive information.

4. What is the difference between a virus and a worm?

   A virus attaches itself to a file or program and infects it, while a worm is a self-replicating program that can spread from one computer to another without human intervention.

5. What are the five key principles of the CIA triad?

   Confidentiality, integrity, availability, authentication, and non-repudiation.

Compliance Fundamentals

6. What is the purpose of the General Data Protection Regulation (GDPR)?

   To protect the personal data of individuals within the European Union.

7. What are the three main pillars of the NIST Cybersecurity Framework?

   Identify, protect, detect, respond, and recover.

8. What is the difference between an audit and an assessment?

   An audit is a formal examination of an organization's compliance with a set of standards, while an assessment is a more general review of an organization's security posture.

9. What is the purpose of a risk assessment?

   To identify and assess the potential risks to an organization's information assets.

10. What are the five key components of an effective compliance program?

Risk assessment, policy development, implementation, monitoring, and review.

Identity Fundamentals

11. What is the difference between authentication and authorization?

     Authentication verifies who you are, while authorization determines what you are allowed to access.

12. What is the purpose of a single sign-on (SSO) solution?

     To allow users to access multiple applications with a single set of credentials.

13. What are the three main types of identity federation?

     SAML, OAuth, and OpenID Connect.

14. What is the difference between a group and a role?

     A group is a collection of users, while a role is a set of permissions that can be assigned to users or groups.

15. What are the five key principles of Zero Trust?

     Never trust, always verify; least privilege; assume breach; use multi-factor authentication; and monitor continuously.

These 50 test prep questions provide a comprehensive overview of the fundamental concepts in Microsoft Security, Compliance, and Identity. By

thoroughly studying these questions and understanding the underlying principles, you can significantly enhance your knowledge and prepare yourself for success on your certification exam. Remember to utilize additional resources, such as official Microsoft documentation and online courses, to complement your preparation.

With dedicated effort and a commitment to learning, you can master these critical areas and become a highly skilled professional in the field of information security and compliance.
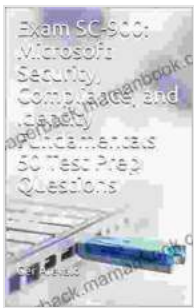
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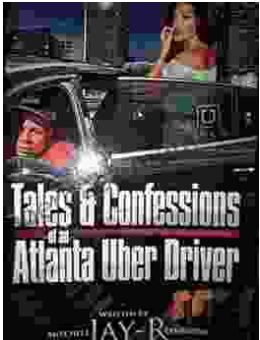
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