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Microsoft

SC-900

ExamName: Microsoft Security, Compliance, and Identity Fundamentals

Exam Version: 21.4

Questions & Answers Sample PDF

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Question 1. (HOTSPOT)

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
All Azure Active Directory (Azure AD) license editions include the same features.	<input type="radio"/>	<input type="radio"/>
You can manage an Azure Active Directory (Azure AD) tenant by using the Azure portal.	<input type="radio"/>	<input type="radio"/>
You must deploy Azure virtual machines to host an Azure Active Directory (Azure AD) tenant.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
All Azure Active Directory (Azure AD) license editions include the same features.	<input type="radio"/>	<input checked="" type="radio"/>
You can manage an Azure Active Directory (Azure AD) tenant by using the Azure portal.	<input checked="" type="radio"/>	<input type="radio"/>
You must deploy Azure virtual machines to host an Azure Active Directory (Azure AD) tenant.	<input type="radio"/>	<input checked="" type="radio"/>

Question 2. (Single Select)

Which score measures an organization's progress in completing actions that help reduce risks associated to data protection and regulatory standards?

- A: Microsoft Secure Score
- B: Productivity Score
- C: Secure score in Azure Security Center
- D: Compliance score

Answer: D

Explanation:

The Compliance score in Microsoft Purview Compliance Manager is a measurement tool that evaluates an organization's progress toward meeting data protection and regulatory compliance requirements. It is specifically designed to help organizations reduce risks related to data governance, privacy, and compliance with various standards such as GDPR, ISO 27001, NIST 800-53, and Microsoft Data Protection Baselines.

According to Microsoft's official documentation on Compliance Manager, the Compliance score "helps organizations track, improve, and demonstrate their compliance posture by providing a quantifiable measure of compliance with regulations and standards." Each action within Compliance Manager contributes a certain number of points to the overall score. These points are weighted based on risk, meaning that actions with a greater impact on reducing compliance risk contribute more significantly to the total score.

The score is not an absolute measure of legal compliance but rather an indicator of progress toward implementing recommended controls and risk-reducing actions. Microsoft emphasizes that Compliance score "assists organizations in identifying areas of improvement, prioritizing compliance tasks, and maintaining an auditable record of their compliance activities."

By contrast, Microsoft Secure Score measures security posture related to identity, device, and application protection, while Productivity Score evaluates collaboration and technology experience. Thus, the metric that specifically assesses data protection and regulatory compliance progress is the Compliance score in Microsoft Purview Compliance Manager.

<https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-manager?view=o365-worldwide>
<https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-score-calculation?view=o365-worldwide>

Question 3. (Multi Select)

What are two capabilities of Microsoft Defender for Endpoint? Each correct selection presents a complete solution.

NOTE: Each correct selection is worth one point.

- A: automated investigation and remediation
- B: transport encryption
- C: shadow IT detection
- D: attack surface reduction

Answer: A, D

Explanation:

Microsoft Defender for Endpoint includes Automated investigation and remediation (AIR) and Attack surface reduction (ASR) as core capabilities. Microsoft's guidance states that AIR "uses inspection algorithms and playbooks to examine alerts, determine if they are malicious, and then take remediation actions such as stopping processes, quarantining files, and rolling back changes." It is designed to "reduce the volume of alerts that require analyst attention and to remediate threats at machine speed across your estate," helping security teams contain and fix issues without manual intervention.

Defender for Endpoint also provides attack surface reduction features to proactively limit exposure. The Microsoft learn materials describe that ASR "helps organizations minimize areas that attackers can exploit," and includes "attack surface reduction rules, network protection, web protection, application control (Windows Defender Application Control), and controlled folder access." These controls "block or constrain risky behaviors and common attacker techniques," thereby preventing many initial compromise and lateral-movement attempts before they generate incidents.

By contrast, transport encryption is a general platform/security baseline capability rather than a specific Defender for Endpoint feature, and shadow IT detection is addressed through Microsoft Defender for Cloud Apps (App discovery), which can use Defender for Endpoint network signals but is not itself a native MDE capability. Therefore, the two correct capabilities of Microsoft Defender for Endpoint are Automated investigation and remediation and Attack surface reduction.

Question 4. (DRAGDROP)

Match the Azure networking service to the appropriate description.

To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Services	Answer Area
Azure Bastion	Service Provides Network Address Translation (NAT) services
Azure Firewall	Service Provides secure and seamless Remote Desktop connectivity to Azure virtual machines
Network security group (NSG)	Service Provides traffic filtering that can be applied to specific network interfaces on a virtual network

Answer:

Services

Azure Bastion

Azure Firewall

Network security group (NSG)

Answer Area

Azure Firewall

Provides Network Address Translation (NAT) services

Azure Bastion

Provides secure and seamless Remote Desktop connectivity to Azure virtual machines

Network security group (NSG)

Provides traffic filtering that can be applied to specific network interfaces on a virtual network

Question 5. (ORDERLIST)

You need to identify which cloud service models place the most responsibility on the customer in a shared responsibility model.

in which order should you list the service models from the most customer responsibility (on the top) to the least customer responsibility (on the bottom)? To answer, move all models from the list of models to the answer area and arrange them in the correct order.

Models

platform as a service (PaaS)

software as a service (SaaS)

on-premises datacenter

infrastructure as a service (IaaS)

**Answer Area**

A: platform as a service (PaaS)

B: software as a service (SaaS)

C: on-premises datacenter

D: infrastructure as a service (IaaS)

Answer: C, D, A, B

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