



**Vendor: Microsoft**

**Exam Code: SC-100**

**Exam Name: Microsoft Cybersecurity Architect**

**Version: Demo**

**QUESTION 1**

You have 50 Azure subscriptions. You need to monitor resource in the subscriptions for compliance with the ISO 27001:2013 standards. The solution must minimize the effort required to modify the list of monitored policy definitions for the subscriptions. NOTE: Each correct selection is worth one point.

- A. Assign an initiative to a management group.
- B. Assign a policy to each subscription.
- C. Assign a policy to a management group.
- D. Assign an initiative to each subscription.
- E. Assign a blueprint to each subscription.
- F. Assign a blueprint to a management group.

**Correct Answer:** AF

**QUESTION 2**

You are designing a security strategy for providing access to Azure App Service web apps through an Azure Front Door instance.

You need to recommend a solution to ensure that the web apps only allow access through the Front Door instance.

Solution: You recommend access restrictions that allow traffic from the Front Door service tags.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** A

**QUESTION 3**

You are planning the security requirements for Azure Cosmos DB Core (SQL) API accounts. You need to recommend a solution to audit all users that access the data in the Azure Cosmos DB accounts. Which two configurations should you include in the recommendation? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Enable Microsoft Defender for Cosmos DB.
- B. Send the Azure Active Directory (Azure AD) sign-in logs to a Log Analytics workspace.
- C. Disable local authentication for Azure Cosmos DB.
- D. Enable Microsoft Defender for Identity.
- E. Send the Azure Cosmos DB logs to a Log Analytics workspace.

**Correct Answer:** BE

**QUESTION 4**

Azure subscription that uses Azure Storage. The company plans to share specific blobs with vendors. You need to recommend a solution to provide the vendors with secure access to specific blobs without exposing the blobs publicly. The access must be time-limited. What should you include in the recommendation?

- A. Create shared access signatures (SAS).

- B. Share the connection string of the access key.
- C. Configure private link connections.
- D. Configure encryption by using customer-managed keys (CMKs)

**Correct Answer:** D

**QUESTION 5**

You have an Azure subscription that is used as an Azure landing zone for an application. You need to evaluate the security posture of all the workloads in the landing zone. What should you do first?

- A. Add Microsoft Sentinel data connectors.
- B. Configure Continuous Integration/Continuous Deployment (CI/CD) vulnerability scanning.
- C. Enable the Defender plan for all resource types in Microsoft Defender for Cloud.
- D. Obtain Azure Active Directory Premium Plan 2 licenses.

**Correct Answer:** A

**QUESTION 6**

Your company is preparing for cloud adoption.

You are designing security for Azure landing zones.

Which two preventative controls can you implement to increase the secure score? Each NOTE: Each correct selection is worth one point.

- A. Azure Firewall
- B. Azure Web Application Firewall (WAF)
- C. Microsoft Defender for Cloud alerts
- D. Azure Active Directory (Azure AD Privileged Identity Management (PIM)
- E. Microsoft Sentinel

**Correct Answer:** AB

**QUESTION 7**

A customer is deploying Docker images to 10 Azure Kubernetes Service (AKS) resources across four Azure subscriptions. You are evaluating the security posture of the customer.

You discover that the AKS resources are excluded from the secure score recommendations. You need to produce accurate recommendations and update the secure score.

Which two actions should you recommend in Microsoft Defender for Cloud? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure auto provisioning.
- B. Assign regulatory compliance policies.
- C. Review the inventory.
- D. Add a workflow automation.
- E. Enable Defender plans.

**Correct Answer:** AE

**QUESTION 8**

Your company has a Microsoft 365 E5 subscription. The company wants to identify and classify data in Microsoft Teams, SharePoint Online, and Exchange Online. You need to recommend a solution to identify documents that contain sensitive information. What should you include in the recommendation?

- A. data classification content explorer
- B. data loss prevention (DLP)
- C. eDiscovery
- D. Information Governance

**Correct Answer: B**

**QUESTION 9**

Your company has an office in Seattle.

The company has two Azure virtual machine scale sets hosted on different virtual networks.

The company plans to contract developers in India.

You need to recommend a solution provide the developers with the ability to connect to the virtual machines over SSL from the Azure portal. The solution must meet the following requirements:

- Prevent exposing the public IP addresses of the virtual machines.
- Provide the ability to connect without using a VPN.
- Minimize costs.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Deploy Azure Bastion to one virtual network.
- B. Deploy Azure Bastion to each virtual network.
- C. Enable just-in-time VM access on the virtual machines.
- D. Create a hub and spoke network by using virtual network peering.
- E. Create NAT rules and network rules in Azure Firewall.

**Correct Answer: AD**

**QUESTION 10**

Your company has a Microsoft 365 subscription and uses Microsoft Defender for Identity. You are informed about incidents that relate to compromised identities.

You need to recommend a solution to expose several accounts for attackers to exploit. When the attackers attempt to exploit the accounts, an alert must be triggered. Which Defender for Identity feature should you include in the recommendation?

- A. standalone sensors
- B. honeypot entity tags
- C. sensitivity labels
- D. custom user tags

**Correct Answer: B**

**QUESTION 11**

You have a Microsoft 365 subscription and an Azure subscription. Microsoft 365 Defender and Microsoft Defender for Cloud are enabled.

The Azure subscription contains 50 virtual machines. Each virtual machine runs different applications on Windows Server 2019.

You need to recommend a solution to ensure that only authorized applications can run on the virtual machines. If an unauthorized application attempts to run or be installed, the application must be blocked automatically until an administrator authorizes the application.

Which security control should you recommend?

- A. Azure Active Directory (Azure AD) Conditional Access App Control policies
- B. OAuth app policies in Microsoft Defender for Cloud Apps
- C. app protection policies in Microsoft Endpoint Manager
- D. application control policies in Microsoft Defender for Endpoint

**Correct Answer: D**

**QUESTION 12**

Your company has an Azure subscription that has enhanced security enabled for Microsoft Defender for Cloud.

The company signs a contract with the United States government.

You need to review the current subscription for NIST 800-53 compliance.

What should you do first?

- A. From Defender for Cloud, review the secure score recommendations.
- B. From Microsoft Sentinel, configure the Microsoft Defender for Cloud data connector.
- C. From Defender for Cloud, review the Azure security baseline for audit report.
- D. From Defender for Cloud, add a regulatory compliance standard.

**Correct Answer: D**

**QUESTION 13**

A customer follows the Zero Trust model and explicitly verifies each attempt to access its corporate applications.

The customer discovers that several endpoints are infected with malware.

The customer suspends access attempts from the infected endpoints.

The malware is removed from the end point.

Which two conditions must be met before endpoint users can access the corporate applications again? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.