

Free Questions for SC-100

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Question 1

Question Type: MultipleChoice

You have an Azure subscription

You plan to deploy multiple containerized microservice-based apps to Azure Kubernetes Service (AKS)

You need to recommend a solution that meets the following requirements:

- * Manages secrets
- * Provides encryption
- * Secures service-to-service communication by using mTLS encryption
- * Minimizes administrative effort

What should you include in the recommendation?

Options:

A- Flux

B- Envoy

C- Dapr

D- Istio

Answer:

D

Question 2

Question Type: Hotspot

You have three Microsoft Entra tenants named Tenant 1, Tenant2, and Tenant3.

You have three Azure subscriptions named Sub1, Sub2, and Sub3. Each tenant is associated with multiple Azure subscriptions.

Each subscription contains a single Microsoft Sentinel workspace as shown in the following table.

| Name | Subscription | Associated tenant |
|-----------|--------------|-------------------|
| Sentinel1 | Sub1 | Tenant1 |
| Sentinel2 | Sub2 | Tenant2 |
| Sentinel3 | Sub3 | Tenant3 |

that meets the following requirements:


can manage the resources in Sub2 and Sub3 without having to switch subscriptions or sign in to a different tenant

* Implements multiple workspace view for Sentinel2 and Sentinel3


What should you use to delegate permissions, and which Microsoft Sentinel feature will users be able to manage in multiple workspace view? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Delegate permissions by using: 

- Azure Blueprints
- Azure Lighthouse**
- Azure Sphere

Microsoft Sentinel feature: 

- Analytics rules**
- Incidents
- Workbooks

Answer:

Question 3

Question Type: Hotspot

You are designing an auditing solution for Azure landing zones that will contain the following components:

- * SQL audit logs for Azure SQL databases
- * Windows Security logs from Azure virtual machines
- * Azure App Service audit logs from App Service web apps

You need to recommend a centralized logging solution for the landing zones. The solution must meet the following requirements:

- * Log all privileged access.

* Retain logs for at least 365 days.

* Minimize costs.

What should you include in the recommendation? To answer, select the appropriate options in the answer are

a. NOTE: Each correct selection is worth one point.

Answer Area

Answer:

For the SQL audit logs:

A Log Analytics workspace
Azure Application Insights
Microsoft Defender for SQL
Microsoft Sentinel

For the Security logs:

Question 4

Question Type: MultipleChoice

For the Security logs:

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.

Options:

For the App Service audit logs:

A Log Analytics workspace
Application Insights
Microsoft Defender for servers
Microsoft Sentinel

For the App Service audit logs:

A Log Analytics workspace
Application Insights
Microsoft Defender for App Service
Microsoft Sentinel

- A- Microsoft Defender for Endpoint reports the endpoints as compliant.
- B- Microsoft Intune reports the endpoints as compliant.
- C- A new Azure Active Directory (Azure AD) Conditional Access policy is enforced.
- D- The client access tokens are refreshed.

Answer:

C, D

Explanation:

<https://www.microsoft.com/security/blog/2022/02/17/4-best-practices-to-implement-a-comprehensive-zero-trust-security-approach/>

<https://docs.microsoft.com/en-us/azure/active-directory/develop/refresh-tokens>

Question 5

Question Type: MultipleChoice

Your company has devices that run either Windows 10, Windows 11, or Windows Server.

You are in the process of improving the security posture of the devices.

You plan to use security baselines from the Microsoft Security Compliance Toolkit.

What should you recommend using to compare the baselines to the current device configurations?

Options:

A- Microsoft Intune

B- Policy Analyzer

C- Local Group Policy Object (LGPO)

D- Windows Autopilot

Answer:

B

Explanation:

<https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-security-configuration-framework/security-compliance-toolkit-10>

Question 6

Question Type: Hotspot

You have a hybrid cloud infrastructure.

You plan to deploy the Azure applications shown in the following table.

| Name | Type | Requirement |
|------|--|--|
| App1 | An Azure App Service web app accessed from Windows 11 devices on the on-premises network | Protect against attacks that use cross-site scripting (XSS). |
| App2 | An Azure App Service web app accessed from mobile devices | Allow users to authenticate to App2 by using a LinkedIn account. |

Answer Area

Answer:

App1:

App2:

Azure AD B2B authentication with Conditional Access
Azure AD B2C custom policies with Conditional Access
Azure Application Gateway Web Application Firewall
Azure Firewall
Azure VPN Gateway with network security groups
Azure VPN Point-to-Site connections

App2:

Azure AD B2B authentication with Conditional Access
Azure AD B2C custom policies with Conditional Access
Azure Application Gateway Web Application Firewall
Azure Firewall
Azure VPN Gateway with network security groups
Azure VPN Point-to-Site connections

Question 7

Question Type: MultipleChoice

You need to recommend a strategy for routing internet-bound traffic from the landing zones. The solution must meet the landing zone requirements.

What should you recommend as part of the landing zone deployment?

Options:

- A- service chaining
- B- local network gateways
- C- forced tunneling
- D- a VNet-to-VNet connection

Answer:

A

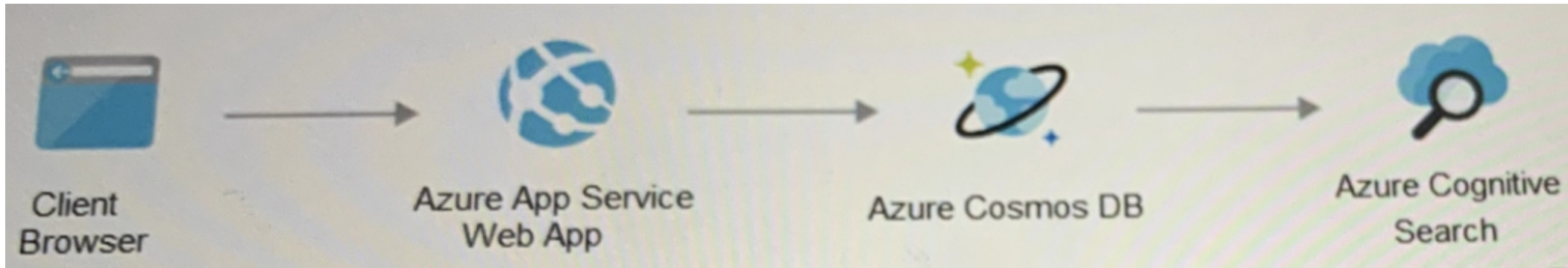
Explanation:

<https://docs.microsoft.com/en-us/learn/modules/configure-vnet-peering/5-determine-service-chaining-uses>

Question 8

Question Type: MultipleChoice

Your on-premises network contains an e-commerce web app that was developed in Angular and Node.js. The web app uses a MongoDB database. You plan to migrate the web app to Azure. The solution architecture team proposes the following architecture as an Azure landing zone.



You need to provide recommendations to secure the connection between the web app and the database. The solution must follow the Zero Trust model.

Solution: You recommend implementing Azure Application Gateway with Azure Web Application Firewall (WAF).

Does this meet the goal?

Options:

A- Yes

B- No

Answer:

B

Explanation:

When using Azure-provided PaaS services (e.g., Azure Storage, Azure Cosmos DB, or Azure Web App, use the PrivateLink connectivity option to ensure all data exchanges are over the private IP space and the traffic never leaves the Microsoft network.

Question 9

Question Type: MultipleChoice

You have an Azure subscription that has Microsoft Defender for Cloud enabled. Suspicious authentication activity alerts have been appearing in the Workload protections dashboard.

You need to recommend a solution to evaluate and remediate the alerts by using workflow automation. The solution must minimize development effort. What should you include in the recommendation?

Options:

A- Azure Monitor webhooks

B- Azure Logics Apps

C- Azure Event Hubs

D- Azure Functions apps

Answer:

B

Explanation:

The workflow automation feature of Microsoft Defender for Cloud feature can trigger Logic Apps on security alerts, recommendations, and changes to regulatory compliance. Note: Azure Logic Apps is a cloud-based platform for creating and running automated workflows that integrate your apps, data, services, and systems. With this platform, you can quickly develop highly scalable integration solutions for your enterprise and business-to-business (B2B) scenarios.

Question 10

Question Type: MultipleChoice

You have Microsoft Defender for Cloud assigned to Azure management groups.

You have a Microsoft Sentinel deployment.

During the triage of alerts, you require additional information about the security events, including suggestions for remediation. Which two components can you use to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

Options:

- A- workload protections in Defender for Cloud
- B- threat intelligence reports in Defender for Cloud
- C- Microsoft Sentinel notebooks
- D- Microsoft Sentinel threat intelligence workbooks

Answer:

B, D

Explanation:

<https://docs.microsoft.com/en-us/azure/sentinel/understand-threat-intelligence> <https://docs.microsoft.com/en-us/azure/defender-for-cloud/defender-for-cloud-introduction> <https://docs.microsoft.com/en-us/azure/defender-for-cloud/threat-intelligence-reports>
<https://docs.microsoft.com/en-us/azure/sentinel/notebooks>

Question 11

Question Type: MultipleChoice

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.

Options:

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

Answer:

A, E

Explanation:

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/update-regulatory-compliance-packages> <https://docs.microsoft.com/en-us/azure/defender-for-cloud/workflow-automation>

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