SC-100 Dumps

Microsoft Cybersecurity Architect

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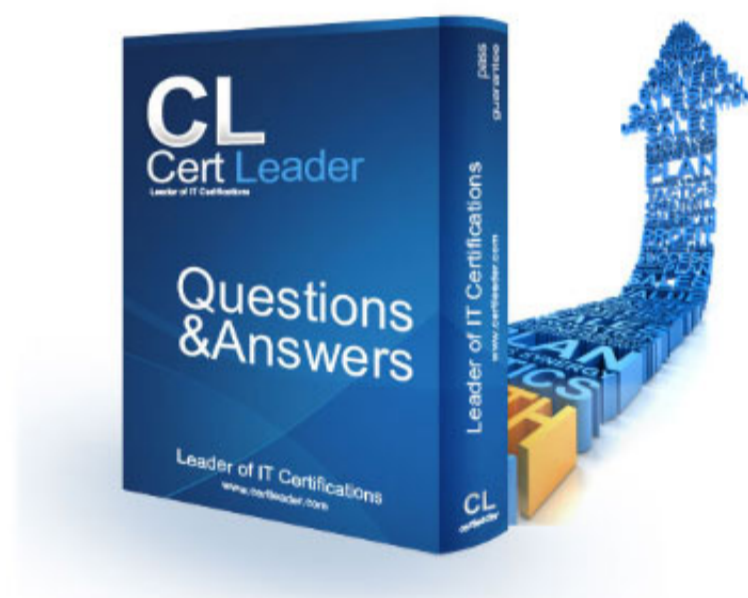
NEW QUESTION 1
- (Exam Topic 1)
You need to recommend a solution to secure the MedicalHistory data in the ClaimsDetail table. The solution must meet the Contoso developer requirements.
What should you include in the recommendation?

A. Transparent Data Encryption (TDE)
B. Always Encrypted
C. row-level security (RLS)
D. dynamic data masking
E. data classification

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
You need to recommend a solution to meet the AWS requirements.
What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 3
- (Exam Topic 1)
You need to recommend a solution to meet the security requirements for the InfraSec group. What should you use to delegate the access?

A. a subscription
B. a custom role-based access control (RBAC) role
C. a resource group
D. a management group

Answer: D

NEW QUESTION 4
- (Exam Topic 2)
You need to recommend a strategy for App Service web app connectivity. The solution must meet the landing zone requirements. What should you recommend?

To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 5
- (Exam Topic 2)
You need to recommend a multi-tenant and hybrid security solution that meets to the business requirements and the hybrid requirements. What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 6
- (Exam Topic 3)
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 based on HTTP headers that have the Front Door ID. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 7
- (Exam Topic 3)
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?

A. Yes
B. No

Answer: B

NEW QUESTION 8
- (Exam Topic 3)
You are creating an application lifecycle management process based on the Microsoft Security Development Lifecycle (SDL).
You need to recommend a security standard for onboarding applications to Azure. The standard will include
recommendations for application design, development, and deployment What should you include during the application design phase?

A. static application security testing (SAST) by using SonarQube
B. dynamic application security testing (DAST) by using Veracode
C. threat modeling by using the Microsoft Threat Modeling Tool
D. software decomposition by using Microsoft Visual Studio Enterprise

Answer: D

NEW QUESTION 9
- (Exam Topic 3)
A customer has a Microsoft 365 E5 subscription and an Azure subscription.
The customer wants to centrally manage security incidents, analyze log, audit activity, and hunt for potential threats across all deployed services.
You need to recommend a solution for the customer. The solution must minimize costs. What should you include in the recommendation?

A. Microsoft 365 Defender
B. Microsoft Defender for Cloud
C. Microsoft Defender for Cloud Apps
D. Microsoft Sentinel

Answer: D

NEW QUESTION 10
- (Exam Topic 3)
You have a customer that has a Microsoft 365 subscription and uses the Free edition of Azure Active Directory (Azure AD)
The customer plans to obtain an Azure subscription and provision several Azure resources. You need to evaluate the customer's security environment.
What will necessitate an upgrade from the Azure AD Free edition to the Premium edition?

A. role-based authorization
B. Azure AD Privileged Identity Management (PIM)
C. resource-based authorization
D. Azure AD Multi-Factor Authentication

Answer: A

NEW QUESTION 10
- (Exam Topic 3)
Your company has an on-premises network and an Azure subscription.
The company does NOT have a Site-to-Site VPN or an ExpressRoute connection to Azure.
You are designing the security standards for Azure App Service web apps. The web apps will access Microsoft SQL Server databases on the network.
You need to recommend security standards that will allow the web apps to access the databases. The solution must minimize the number of open internet-accessible endpoints to the on-premises network.
What should you include in the recommendation?

A. a private endpoint
B. hybrid connections
C. virtual network NAT gateway integration
D. virtual network integration

Answer: C

NEW QUESTION 15
- (Exam Topic 3)
Your company has a Microsoft 365 E5 subscription, an Azure subscription, on-premises applications, and Active Directory Domain Services (AD DSV You need to recommend an identity security strategy that meets the following requirements:
• Ensures that customers can use their Facebook credentials to authenticate to an Azure App Service website
• Ensures that partner companies can access Microsoft SharePoint Online sites for the project to which they are assigned
The solution must minimize the need to deploy additional infrastructure components. What should you include in the recommendation? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 16
- (Exam Topic 3)
Your company has a Microsoft 365 E5 subscription.
The Chief Compliance Officer plans to enhance privacy management in the working environment. You need to recommend a solution to enhance the privacy management. The solution must meet the following requirements:
• Identify unused personal data and empower users to make smart data handling decisions.
• Provide users with notifications and guidance when a user sends personal data in Microsoft Teams.
• Provide users with recommendations to mitigate privacy risks. What should you include in the recommendation?

A. Microsoft Viva Insights
B. Advanced eDiscovery
C. Privacy Risk Management in Microsoft Priva
D. communication compliance in insider risk management

Answer: A

NEW QUESTION 19
- (Exam Topic 3)
A customer uses Azure to develop a mobile app that will be consumed by external users as shown in the following exhibit.

You need to design an identity strategy for the app. The solution must meet the following requirements:
• Enable the usage of external IDs such as Google, Facebook, and Microsoft accounts.
• Be managed separately from the identity store of the customer.
• Support fully customizable branding for each app.
Which service should you recommend to complete the design?

A. Azure Active Directory (Azure AD) B2C
B. Azure Active Directory (Azure AD) B2B
C. Azure AD Connect
D. Azure Active Directory Domain Services (Azure AD DS)

Answer: C

NEW QUESTION 21
- (Exam Topic 3)
Your company is migrating data to Azure. The data contains Personally Identifiable Information (Pll). The company plans to use Microsoft Information Protection for the Pll data store in Azure. You need to recommend a solution to discover Pll data at risk in the Azure resources.
What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 22
- (Exam Topic 3)
Your company has a third-party security information and event management (SIEM) solution that uses Splunk and Microsoft Sentinel. You plan to integrate Microsoft Sentinel with Splunk.
You need to recommend a solution to send security events from Microsoft Sentinel to Splunk. What should you include in the recommendation?

A. Azure Event Hubs
B. Azure Data Factor
C. a Microsoft Sentinel workbook
D. a Microsoft Sentinel data connector

Answer: C

NEW QUESTION 27

- (Exam Topic 3)
You have a hybrid cloud infrastructure.
You plan to deploy the Azure applications shown in the following table.

What should you use to meet the requirement of each app? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 32
- (Exam Topic 3)
Your company uses Microsoft Defender for Cloud and Microsoft Sentinel. The company is designing an application that will have the architecture shown in the following exhibit.

You are designing a logging and auditing solution for the proposed architecture. The solution must meet the following requirements-.

• Integrate Azure Web Application Firewall (WAF) logs with Microsoft Sentinel.
• Use Defender for Cloud to review alerts from the virtual machines.
What should you include in the solution? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 37
- (Exam Topic 3)
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.

Answer: DE

NEW QUESTION 41
- (Exam Topic 3)
You have Windows 11 devices and Microsoft 365 E5 licenses.
You need to recommend a solution to prevent users from accessing websites that contain adult content such as
gambling sites. What should you include in the recommendation?

A. Microsoft Endpoint Manager
B. Compliance Manager
C. Microsoft Defender for Cloud Apps
D. Microsoft Defender for Endpoint

Answer: D

NEW QUESTION 43
- (Exam Topic 3)
You have an Azure subscription that has Microsoft Defender for Cloud enabled. You are evaluating the Azure Security Benchmark V3 report.
In the Secure management ports controls, you discover that you have 0 out of a potential 8 points. You need to recommend configurations to increase the score of the Secure management ports controls.
Solution: You recommend onboarding all virtual machines to Microsoft Defender for Endpoint. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 46
- (Exam Topic 3)
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 area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 49
- (Exam Topic 3)
You are designing security for an Azure landing zone. Your company identifies the following compliance and privacy requirements:
• Encrypt cardholder data by using encryption keys managed by the company.
• Encrypt insurance claim files by using encryption keys hosted on-premises.
Which two configurations meet the compliance and privacy requirements? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Store the insurance claim data in Azure Blob storage encrypted by using customer-provided keys.
B. Store the cardholder data in an Azure SQL database that is encrypted by using keys stored in Azure Key Vault Managed HSM
C. Store the insurance claim data in Azure Files encrypted by using Azure Key Vault Managed HSM.
D. Store the cardholder data in an Azure SQL database that is encrypted by using Microsoft-managed Keys.

Answer: CD

NEW QUESTION 51
- (Exam Topic 3)
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?

A. Azure Monitor webhooks
B. Azure Logics Apps
C. Azure Event Hubs
D. Azure Functions apps

Answer: D

NEW QUESTION 55
- (Exam Topic 3)
You have an Azure subscription that has Microsoft Defender for Cloud enabled. You have an Amazon Web Services (AWS) implementation.
You plan to extend the Azure security strategy to the AWS implementation. The solution will NOT use Azure Arc. Which three services can you use to provide security for the AWS resources? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Azure Active Directory (Azure AD) Privileged Identity Management (PIM)
B. Azure Active Directory (Azure AD) Conditional Access
C. Microsoft Defender for servers
D. Azure Policy
E. Microsoft Defender for Containers

Answer: BE

NEW QUESTION 60
- (Exam Topic 3)
Your company has a Microsoft 365 E5 subscription.
Users use Microsoft Teams, Exchange Online, SharePoint Online, and OneDrive for sharing and collaborating. The company identifies protected health information (PHI) within stored documents and communications. What should you recommend using to prevent the PHI from being shared outside the company?

A. insider risk management policies
B. data loss prevention (DLP) policies
C. sensitivity label policies
D. retention policies

Answer: A

NEW QUESTION 62
- (Exam Topic 3)
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?

A. Microsoft Intune
B. Policy Analyzer
C. Local Group Policy Object (LGPO)
D. Windows Autopilot

Answer: D

NEW QUESTION 65
- (Exam Topic 3)
You have a Microsoft 365 E5 subscription.
You need to recommend a solution to add a watermark to email attachments that contain sensitive data. What should you include in the recommendation?

A. Microsoft Defender for Cloud Apps
B. insider risk management
C. Microsoft Information Protection
D. Azure Purview

Answer: A

NEW QUESTION 70
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