

Exam Questions SC-100

Microsoft Cybersecurity Architect

<https://www.2passeasy.com/dumps/SC-100/>



NEW QUESTION 1

- (Exam Topic 1)

You are evaluating the security of ClaimsApp.

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
FD1 can be used to protect all the instances of ClaimsApp.	<input type="radio"/>	<input type="radio"/>
FD1 must be configured to have a certificate for claims.fabrikam.com.	<input type="radio"/>	<input type="radio"/>
To block connections from North Korea to ClaimsApp, you require a custom rule in FD1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
FD1 can be used to protect all the instances of ClaimsApp.	<input type="radio"/>	<input checked="" type="radio"/>
FD1 must be configured to have a certificate for claims.fabrikam.com.	<input checked="" type="radio"/>	<input type="radio"/>
To block connections from North Korea to ClaimsApp, you require a custom rule in FD1.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 2

- (Exam Topic 1)

You need to recommend a solution to meet the compliance requirements.

What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

To enforce compliance to the regulatory standard, create:

An Azure Automation account

A blueprint

A managed identity

Workflow automation

To exclude TestRG from the compliance assessment:

Edit an Azure blueprint

Modify a Defender for Cloud workflow automation

Modify an Azure policy definition

Update an Azure policy assignment

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1 = A Blueprint

Box 2 = Update an Azure Policy assignment

<https://learn.microsoft.com/en-us/azure/governance/policy/tutorials/create-and-manage#update-assignment-with> <https://docs.microsoft.com/en-us/azure/governance/policy/concepts/definition-structure>

while it is in policy assignment

- <https://docs.microsoft.com/en-us/azure/governance/policy/concepts/assignment-structure>

NEW QUESTION 3

- (Exam Topic 1)

You need to recommend a solution to scan the application code. The solution must meet the application development requirements. What should you include in the recommendation?

- A. Azure Key Vault
- B. GitHub Advanced Security
- C. Application Insights in Azure Monitor
- D. Azure DevTest Labs

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/learn/modules/introduction-github-advanced-security/2-what-is-github-advanc>

NEW QUESTION 4

- (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.

Answer Area

For the AWS EC2 instances:

- Azure Blueprints
- Defender for Cloud
- Microsoft Defender for Cloud Apps
- Microsoft Defender for servers
- Microsoft Endpoint Manager
- Microsoft Sentinel

For the AWS service logs:

- Azure Blueprints
- Defender for Cloud
- Microsoft Defender for Cloud Apps
- Microsoft Defender for servers
- Microsoft Endpoint Manager
- Microsoft Sentinel

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

For the AWS EC2 instances:

- Azure Blueprints
- Defender for Cloud
- Microsoft Defender for Cloud Apps
- Microsoft Defender for servers
- Microsoft Endpoint Manager
- Microsoft Sentinel

For the AWS service logs:

- Azure Blueprints
- Defender for Cloud
- Microsoft Defender for Cloud Apps
- Microsoft Defender for servers
- Microsoft Endpoint Manager
- Microsoft Sentinel

NEW QUESTION 5

- (Exam Topic 2)

You need to design a strategy for securing the SharePoint Online and Exchange Online data. The solution must meet the application security requirements.

Which two services should you leverage in the strategy? Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

- A. Azure AD Conditional Access
- B. Microsoft Defender for Cloud Apps
- C. Microsoft Defender for Cloud
- D. Microsoft Defender for Endpoint
- E. access reviews in Azure AD

Answer: BE

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-session#c> <https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-integrate-with-microsoft-cl>

NEW QUESTION 6

- (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.

Answer Area

To centralize subscription management:

Azure AD B2B

Azure AD B2C

Azure Lighthouse

To enable the management of on-premises resources:

Azure Arc

Azure Stack Edge

Azure Stack Hub

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

To centralize subscription management:

Azure AD B2B

Azure AD B2C

Azure Lighthouse

To enable the management of on-premises resources:

Azure Arc

Azure Stack Edge

Azure Stack Hub

NEW QUESTION 7

- (Exam Topic 2)

You need to recommend an identity security solution for the Azure AD tenant of Litware. The solution must meet the identity requirements and the regulatory compliance requirements.

What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

For the delegated management of users and groups, use:

AD DS organizational units

Azure AD administrative units

Custom Azure AD roles

To ensure that you can perform leaked credential detection:

Enable password hash synchronization in the Azure AD Connect deployment

Enable Security defaults in the Azure AD tenant of Litware

Replace pass-through authentication with Active Directory Federation Services

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

For the delegated management of users and groups, use:

AD DS organizational units

Azure AD administrative units

Custom Azure AD roles

To ensure that you can perform leaked credential detection:

Enable password hash synchronization in the Azure AD Connect deployment

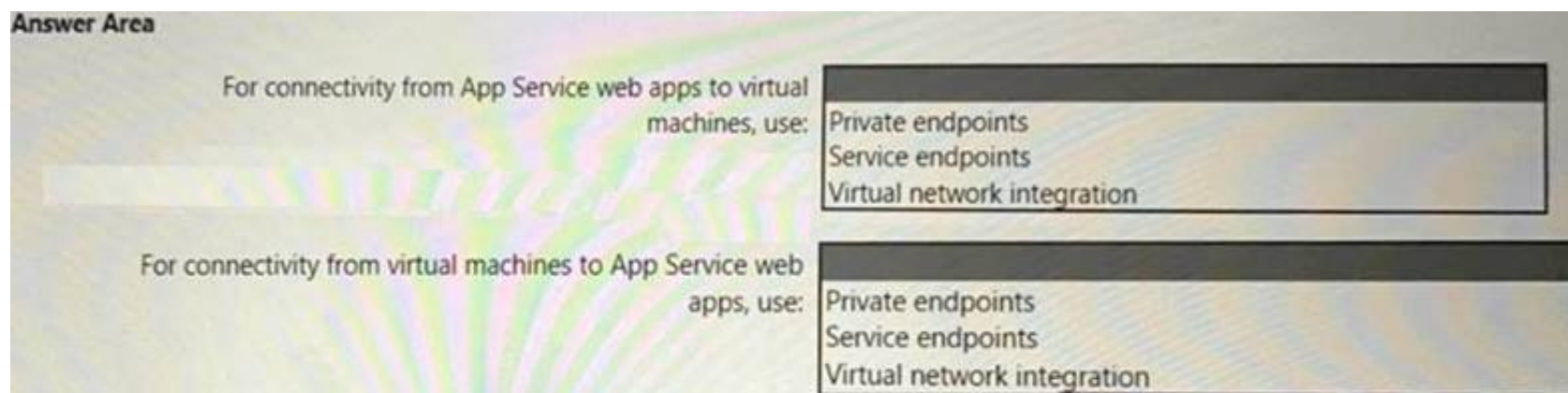
Enable Security defaults in the Azure AD tenant of Litware

Replace pass-through authentication with Active Directory Federation Services

NEW QUESTION 8

- (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:

Box 1: Virtual Network Integration - correct

Virtual network integration gives your app access to resources in your virtual network, but it doesn't grant inbound private access to your app from the virtual network.

Box 2: Private Endpoints. - correct

You can use Private Endpoint for your Azure Web App to allow clients located in your private network to securely access the app over Private Link.

NEW QUESTION 9

- (Exam Topic 2)

To meet the application security requirements, which two authentication methods must the applications support? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Security Assertion Markup Language (SAML)
- B. NTLMv2
- C. certificate-based authentication
- D. Kerberos

Answer: AD

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-configure-single-sign-on-o> <https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-configure-single-sign-on-w> <https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-configure-custom-domain>

NEW QUESTION 10

- (Exam Topic 3)

You have a customer that has a Microsoft 365 subscription and an Azure subscription.

The customer has devices that run either Windows, iOS, Android, or macOS. The Windows devices are deployed on-premises and in Azure.

You need to design a security solution to assess whether all the devices meet the customer's compliance rules. What should you include in the solution?

- A. Microsoft Information Protection
- B. Microsoft Defender for Endpoint
- C. Microsoft Sentinel
- D. Microsoft Endpoint Manager

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/mem/intune/protect/compliance-policy-monitor#open-the-compliance-dashboa>

NEW QUESTION 10

- (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 configuring gateway-required virtual network integration. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/app-service/app-service-ip-restrictions#restrict-access-to-a-specific-azure>

NEW QUESTION 12

- (Exam Topic 3)

Your company has the virtual machine infrastructure shown in the following table.

Operation system	Location	Number of virtual machines	Hypervisor
Linux	On-premises	100	VMWare vSphere
Windows Server	On-premises	100	Hyper-V

The company plans to use Microsoft Azure Backup Server (MABS) to back up the virtual machines to Azure. You need to provide recommendations to increase the resiliency of the backup strategy to mitigate attacks such as ransomware. What should you include in the recommendation?

- A. Use geo-redundant storage (GRS).
- B. Use customer-managed keys (CMKs) for encryption.
- C. Require PINs to disable backups.
- D. Implement Azure Site Recovery replication.

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/backup-plan-to-protect-against-ransomware#azure>

NEW QUESTION 15

- (Exam Topic 3)

You need to design a solution to provide administrators with secure remote access to the virtual machines. The solution must meet the following requirements:

- Prevent the need to enable ports 3389 and 22 from the internet.
- Only provide permission to connect the virtual machines when required.
- Ensure that administrators use the Azure portal to connect to the virtual machines.

Which two actions should you include in the solution? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Enable Azure Active Directory (Azure AD) Privileged Identity Management (PIM) roles as virtual machine contributors.
- B. Configure Azure VPN Gateway.
- C. Enable Just Enough Administration (JEA).
- D. Enable just-in-time (JIT) VM access.
- E. Configure Azure Bastion.

Answer: DE

Explanation:

<https://docs.microsoft.com/en-us/powershell/scripting/learn/remoting/jea/overview?view=powershell-7.2> <https://docs.microsoft.com/en-us/azure/defender-for-cloud/just-in-time-access-usage> <https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

NEW QUESTION 19

- (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: BDE

Explanation:

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/supported-machines-endpoint-solutions-clouds-conta>

NEW QUESTION 20

- (Exam Topic 3)

You are creating the security recommendations for an Azure App Service web app named App1.

App1 has the following specifications:

- Users will request access to App1 through the My Apps portal. A human resources manager will approve the requests.
- Users will authenticate by using Azure Active Directory (Azure AD) user accounts. You need to recommend an access security architecture for App1.

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.

Answer Area

To enable Azure AD authentication for App1, use:

Azure AD application
Azure AD Application Proxy
Azure Application Gateway
A managed identity in Azure AD
Microsoft Defender for App

To implement access requests for App1, use:

An access package in Identity Governance
An access policy in Microsoft Defender for Cloud Apps
An access review in Identity Governance
Azure AD Conditional Access App Control
An OAuth app policy in Microsoft Defender for Cloud Apps

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Box 1 is the Azure AD Application

<https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-register-app>

Box 2 is Access Package in Identity Governance

<https://docs.microsoft.com/en-us/azure/active-directory/governance/entitlement-management-access-package-cr>

NEW QUESTION 25

- (Exam Topic 3)

Your company has a multi-cloud environment that contains a Microsoft 365 subscription, an Azure subscription, and Amazon Web Services (AWS) implementation. You need to recommend a security posture management solution for the following components:

- Azure IoT Edge devices
- AWS EC2 instances

Which services should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

For the IoT Edge devices:

Azure Arc
Microsoft Defender for Cloud
Microsoft Defender for Cloud Apps
Microsoft Defender for Endpoint
Microsoft Defender for IoT

For the AWS EC2 instances:

For the AWS EC2 instances:

Azure Arc only
Microsoft Defender for Cloud and Azure Arc
Microsoft Defender for Cloud Apps only
Microsoft Defender for Cloud only
Microsoft Defender for Endpoint and Azure Arc
Microsoft Defender for Endpoint only

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/defender-for-iot/organizations/architecture> <https://docs.microsoft.com/en-us/azure/defender-for-cloud/quickstart-onboard-aws?pivots=env-settings> <https://docs.microsoft.com/en-us/azure/azure-arc/servers/overview#supported-cloud-operations>

NEW QUESTION 26

- (Exam Topic 3)

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

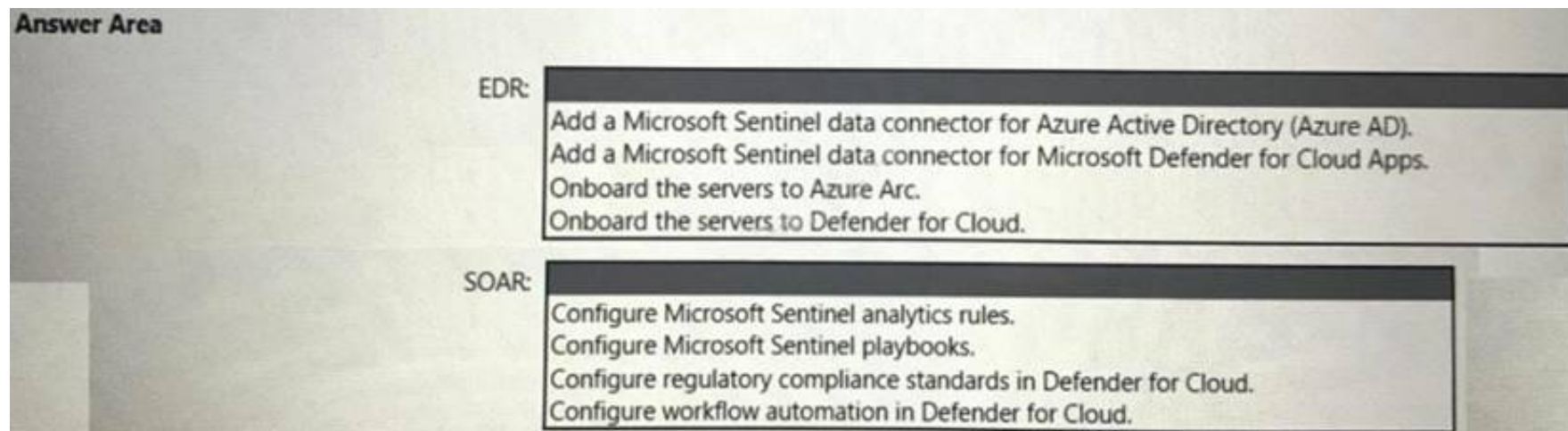
The Azure subscription contains a Microsoft Sentinel workspace. Microsoft Sentinel data connectors are configured for Microsoft 365, Microsoft 365 Defender, Defender for Cloud, and Azure.

You plan to deploy Azure virtual machines that will run Windows Server.

You need to enable extended detection and response (EDR) and security orchestration, automation, and response (SOAR) capabilities for Microsoft Sentinel.

How should you recommend enabling each capability? 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:

For SOAR read this <https://docs.microsoft.com/en-us/azure/sentinel/automate-responses-with-playbooks> Endpoint detection and response (EDR) and eXtended detection and response (XDR) are both part of Microsoft Defender.
<https://docs.microsoft.com/en-us/microsoft-365/security/defender/eval-overview?view=o365-worldwide>

NEW QUESTION 28

- (Exam Topic 3)

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.

- 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: BD

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>

NEW QUESTION 32

- (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: C

Explanation:

Privacy Risk Management in Microsoft Priva gives you the capability to set up policies that identify privacy risks in your Microsoft 365 environment and enable easy remediation. Privacy Risk Management policies are meant to be internal guides and can help you: Detect overexposed personal data so that users can secure it. Spot and limit transfers of personal data across departments or regional borders. Help users identify and reduce the amount of unused personal data that you store.

<https://www.microsoft.com/en-us/security/business/privacy/microsoft-priva-risk-management>

NEW QUESTION 35

- (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 enabling adaptive network hardening. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

JIT:

<https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-privileged-access#pa-2-avoid-s>

Adaptive Network Hardening:

<https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-network-security#ns-7-simplify>

NEW QUESTION 40

- (Exam Topic 3)

You have an Azure subscription that contains virtual machines, storage accounts, and Azure SQL databases. All resources are backed up multiple times a day by using Azure Backup. You are developing a strategy to protect against ransomware attacks.

You need to recommend which controls must be enabled to ensure that Azure Backup can be used to restore the resources in the event of a successful ransomware attack.

Which two controls should you include in the recommendation? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Use Azure Monitor notifications when backup configurations change.
- B. Require PINs for critical operations.
- C. Perform offline backups to Azure Data Box.
- D. Encrypt backups by using customer-managed keys (CMKs).
- E. Enable soft delete for backups.

Answer: AB

Explanation:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/backup-plan-to-protect-against-ransomware> 'You need to recommend which CONTROLS must be enabled to ENSURE that Azure Backup can be used to RESTORE the resources in the event of a successful ransomware attack.' Whilst helpful for auditing purposes and detection of a malicious attack, monitoring configuration changes and alerting after a change is made does not represent a CONTROL which ENSURES Azure Backup can be used to RESTORE the resources.

NEW QUESTION 43

- (Exam Topic 3)

You have a Microsoft 365 E5 subscription and an Azure subscription. You are designing a Microsoft Sentinel deployment.

You need to recommend a solution for the security operations team. The solution must include custom views and a dashboard for analyzing security events. What should you recommend using in Microsoft Sentinel?

- A. playbooks
- B. workbooks
- C. notebooks
- D. threat intelligence

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-monitor/visualize/workbooks-overview>

NEW QUESTION 44

- (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: A

Explanation:

<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-faq#how-do-i-lock-down-the-access-to-my-backend>

NEW QUESTION 47

- (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: B

Explanation:

<https://docs.microsoft.com/en-us/microsoft-365/compliance/create-test-tune-dlp-policy?view=o365-worldwide>

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: AC

Explanation:

<https://azure.microsoft.com/en-us/blog/customer-provided-keys-with-azure-storage-service-encryption/>

NEW QUESTION 51

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled. You need to enforce ISO 2700V2013 standards for the subscription. The solution must ensure that noncompliant resources are remediated automatically. What should you use?

- A. the regulatory compliance dashboard in Defender for Cloud
- B. Azure Policy
- C. Azure Blueprints
- D. Azure role-based access control (Azure RBAC)

Answer: B

Explanation:

<https://azure.microsoft.com/en-us/blog/simplifying-your-environment-setup-while-meeting-compliance-needs-w>

NEW QUESTION 54

- (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: B

Explanation:

<https://docs.microsoft.com/en-us/azure/app-service/app-service-hybrid-connections>

NEW QUESTION 58

- (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: B

Explanation:

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/secure-score-security-controls>

NEW QUESTION 62

- (Exam Topic 3)

Your company is developing an invoicing application that will use Azure Active Directory (Azure AD) B2C. The application will be deployed as an App Service web app. You need to recommend a solution to the application development team to secure the application from identity related attacks. Which two configurations should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Azure AD Conditional Access integration with user flows and custom policies
- B. Azure AD workbooks to monitor risk detections
- C. custom resource owner password credentials (ROPC) flows in Azure AD B2C
- D. access packages in Identity Governance
- E. smart account logout in Azure AD B2C

Answer: AE

Explanation:<https://docs.microsoft.com/en-us/azure/active-directory-b2c/threat-management><https://docs.microsoft.com/en-us/azure/active-directory-b2c/conditional-access-user-flow?pivots=b2c-user-flow>**NEW QUESTION 64**

- (Exam Topic 3)

Your company plans to move all on-premises virtual machines to Azure. A network engineer proposes the Azure virtual network design shown in the following table.

Virtual network name	Description	Peering connection
Hub VNet	Linux and Windows virtual machines	VNet1, VNet2
VNet1	Windows virtual machines	Hub VNet
VNet2	Linux virtual machines	Hub VNet
VNet3	Windows virtual machine scale sets	VNet4
VNet4	Linux virtual machine scale sets	VNet3

You need to recommend an Azure Bastion deployment to provide secure remote access to all the virtual machines. Based on the virtual network design, how many Azure Bastion subnets are required?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Answer: B**Explanation:**<https://docs.microsoft.com/en-us/azure/bastion/vnet-peering><https://docs.microsoft.com/en-us/learn/modules/connect-vm-with-azure-bastion/2-what-is-azure-bastion>**NEW QUESTION 66**

- (Exam Topic 3)

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?

- 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>**NEW QUESTION 70**

- (Exam Topic 3)

Your company has on-premises Microsoft SQL Server databases. The company plans to move the databases to Azure.

You need to recommend a secure architecture for the databases that will minimize operational requirements for patching and protect sensitive data by using dynamic data masking. The solution must minimize costs.

What should you include in the recommendation?

- A. Azure SQL Managed Instance
- B. Azure Synapse Analytics dedicated SQL pools
- C. Azure SQL Database
- D. SQL Server on Azure Virtual Machines

Answer: A**NEW QUESTION 75**

- (Exam Topic 3)

Your company has an on-premises network, an Azure subscription, and a Microsoft 365 E5 subscription. The company uses the following devices:

- Computers that run either Windows 10 or Windows 11
- Tablets and phones that run either Android or iOS

You need to recommend a solution to classify and encrypt sensitive Microsoft Office 365 data regardless of where the data is stored. What should you include in the recommendation?

- A. eDiscovery
- B. retention policies
- C. Compliance Manager
- D. Microsoft Information Protection

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/microsoft-365/compliance/information-protection> <https://docs.microsoft.com/en-us/microsoft-365/compliance/ediscovery?view=o365-worldwide>

NEW QUESTION 79

- (Exam Topic 3)

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.

Answer: A

NEW QUESTION 83

- (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: C

Explanation:

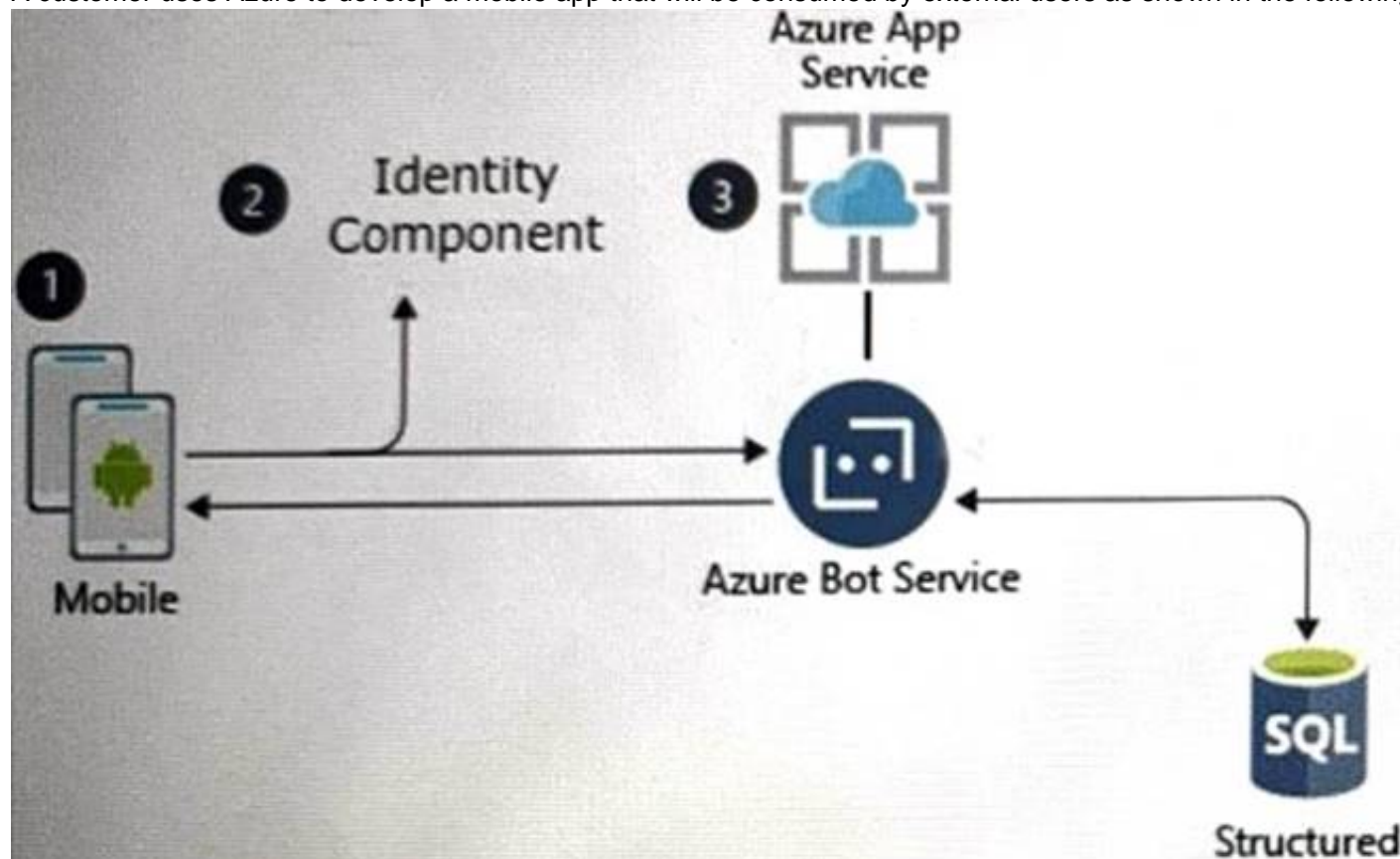
<https://docs.microsoft.com/en-us/microsoft-365/compliance/sensitivity-labels?view=o365-worldwide>

You can use sensitivity labels to: Provide protection settings that include encryption and content markings. For example, apply a "Confidential" label to a document or email, and that label encrypts the content and applies a "Confidential" watermark. Content markings include headers and footers as well as watermarks, and encryption can also restrict what actions authorized people can take on the content. Protect content in Office apps across different platforms and devices. Supported by Word, Excel, PowerPoint, and Outlook on the Office desktop apps and Office on the web. Supported on Windows, macOS, iOS, and Android. Protect content in third-party apps and services by using Microsoft Defender for Cloud Apps. With Defender for Cloud Apps, you can detect, classify, label, and protect content in third-party apps and services, such as Salesforce, Box, or DropBox, even if the third-party app or service does not read or support sensitivity labels.

NEW QUESTION 86

- (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: A

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory-b2c/identity-provider-facebook?pivots=b2c-user-flow> <https://docs.microsoft.com/en-us/azure/active-directory-b2c/customize-ui-with-html?pivots=b2c-user-flow>

NEW QUESTION 91

- (Exam Topic 3)

You are designing the encryption standards for data at rest for an Azure resource

You need to provide recommendations to ensure that the data at rest is encrypted by using AES-256 keys. The solution must support rotating the encryption keys monthly.

Solution: For blob containers in Azure Storage, you recommend encryption that uses customer-managed keys (CMKs).

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 95

- (Exam Topic 3)

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. app discovery anomaly detection policies in Microsoft Defender for Cloud Apps
- B. adaptive application controls in Defender for Cloud
- C. Azure Security Benchmark compliance controls in Defender for Cloud
- D. app protection policies in Microsoft Endpoint Manager

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/recommendations-reference#compute-recommendations>

NEW QUESTION 100

- (Exam Topic 3)

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 endpoint.

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.

- 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: CD

Explanation:

<https://www.microsoft.com/security/blog/2022/02/17/4-best-practices-to-implement-a-comprehensive-zero-trust> <https://docs.microsoft.com/en-us/azure/active-directory/develop/refresh-tokens>

NEW QUESTION 104

- (Exam Topic 3)

Your company has an Azure App Service plan that is used to deploy containerized web apps. You are designing a secure DevOps strategy for deploying the web apps to the App Service plan. You need to recommend a strategy to integrate code scanning tools into a secure software development lifecycle. The code must be scanned during the following two phases:

Uploading the code to repositories Building containers

Where should you integrate code scanning for each phase? To answer, select the appropriate options in the answer area.

Answer Area

Uploading code to repositories:
<input type="checkbox"/> Azure Boards
<input type="checkbox"/> Azure Pipelines
<input type="checkbox"/> GitHub Enterprise
<input type="checkbox"/> Microsoft Defender for Cloud

Building containers:
<input type="checkbox"/> Azure Boards
<input type="checkbox"/> Azure Pipelines
<input type="checkbox"/> GitHub Enterprise
<input type="checkbox"/> Microsoft Defender for Cloud

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://docs.github.com/en/enterprise-cloud@latest/get-started/learning-about-github/about-github-advanced-sec> <https://microsoft.github.io/code-with-engineering-playbook/automated-testing/tech-specific-samples/azdo-conta>

NEW QUESTION 106

- (Exam Topic 3)

You use Azure Pipelines with Azure Repos to implement continuous integration and continuous deployment (CI/CO) workflows.

You need to recommend best practices to secure the stages of the CI/CD workflows based on the Microsoft Cloud Adoption Framework for Azure.

What should you include in the recommendation for each stage? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Git workflow:

Secure deployment credentials:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Git workflow:

Secure deployment credentials:

NEW QUESTION 109

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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 enabling the VMAccess extension on all virtual machines.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-privileged-access#pa-2-avoid-s> Adaptive Network Hardening:
<https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-network-security#ns-7-simplify>

NEW QUESTION 113

- (Exam Topic 3)

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.

Answer: D

Explanation:

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

NEW QUESTION 115

- (Exam Topic 3)

You are evaluating an Azure environment for compliance.

You need to design an Azure Policy implementation that can be used to evaluate compliance without changing any resources.

Which effect should you use in Azure Policy?

- A. Deny
- B. Disabled
- C. Modify
- D. Append

Answer: B

Explanation:

Before looking to manage new or updated resources with your new policy definition, it's best to see how it evaluates a limited subset of existing resources, such as a test resource group. Use the enforcement mode Disabled (DoNotEnforce) on your policy assignment to prevent the effect from triggering or activity log entries from being created.

<https://docs.microsoft.com/en-us/azure/governance/policy/concepts/evaluate-impact>

NEW QUESTION 116

- (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: B

Explanation:

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

NEW QUESTION 120

- (Exam Topic 3)

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. honeypoint entity tags
- C. sensitivity labels
- D. custom user tags

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/advanced-threat-analytics/suspicious-activity-guide#honeypoint-activity> The Sensitive tag is used to identify high value assets.(user / devices / groups)Honeypoint entities are used as traps for malicious actors. Any authentication associated with these honeypoint entities triggers an alert. and Defender for Identity considers Exchange servers as high-value assets and automatically tags them as Sensitive

NEW QUESTION 121

- (Exam Topic 3)

Your company has a hybrid cloud infrastructure.

The company plans to hire several temporary employees within a brief period. The temporary employees will need to access applications and data on the company' premises network.

The company's security policy prevents the use of personal devices for accessing company data and applications.

You need to recommend a solution to provide the temporary employee with access to company resources. The solution must be able to scale on demand.

What should you include in the recommendation?

- A. Migrate the on-premises applications to cloud-based applications.
- B. Redesign the VPN infrastructure by adopting a split tunnel configuration.
- C. Deploy Microsoft Endpoint Manager and Azure Active Directory (Azure AD) Conditional Access.
- D. Deploy Azure Virtual Desktop, Azure Active Directory (Azure AD) Conditional Access, and Microsoft Defender for Cloud Apps.

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/azure/architecture/example-scenario/wvd/windows-virtual-desktop> <https://docs.microsoft.com/en-us/azure/virtual-desktop/security-guide> <https://techcommunity.microsoft.com/t5/security-compliance-and-identity/announcing-microsoft-defender-for-c>

NEW QUESTION 122

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled.

You are evaluating the Azure Security Benchmark V3 report as shown in the following exhibit.

Home > Microsoft Defender for Cloud

Microsoft Defender for Cloud

Showing subscription 'Subscription1'

Download report Manage compliance policies Open query Audit reports

You can now fully customize the standards you track in the dashboard. Update your dashboard by selecting 'Manage compliance policies' above.

Azure Security Benchmark V3 ISO 27001 PCI DSS 3.2.1 SOC TSP HIPAA HITRUST

Under each applicable compliance control is the set of assessments run by Defender for Cloud that are associated with that control. If they are all green, it means those assessments are currently passing; this does not ensure you are fully compliant with that control. Furthermore, not all controls for any particular regulation are covered by Defender for Cloud assessments, and therefore this report is only a partial view of your overall compliance status.

Azure Security Benchmark is applied to the subscription Subscription1

☐ Expand all compliance controls

- NS. Network Security
- IM. Identity Management
- PA. Privileged Access
- DP. Data Protection
- AM. Asset Management
- LT. Logging and Threat Detection
- IR. Incident Response
- PV. Posture and Vulnerability Management
- ES. Endpoint Security
- BR. Backup and Recovery
- DS. DevOps Security

You need to verify whether Microsoft Defender for servers is installed on all the virtual machines that run Windows. Which compliance control should you evaluate?

- A. Data Protection
- B. Incident Response
- C. Posture and Vulnerability Management
- D. Asset Management
- E. Endpoint Security

Answer: E

Explanation:

<https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-endpoint-security>

NEW QUESTION 127

- (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.

Answer Area	
For the SQL audit logs:	A Log Analytics workspace Azure Application Insights Microsoft Defender for SQL Microsoft Sentinel
For the Security 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. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area	
For the SQL audit logs:	A Log Analytics workspace Azure Application Insights Microsoft Defender for SQL Microsoft Sentinel
For the Security 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

NEW QUESTION 130

- (Exam Topic 3)

Your company has an on-premise network in Seattle and an Azure subscription. The on-premises network contains a Remote Desktop server. The company contracts a third-party development firm from France to develop and deploy resources to the virtual machines hosted in the Azure subscription. Currently, the firm establishes an RDP connection to the Remote Desktop server. From the Remote Desktop connection, the firm can access the virtual machines hosted in Azure by using custom administrative tools installed on the Remote Desktop server. All the traffic to the Remote Desktop server is captured by a firewall, and the firewall only allows specific connections from France to the server. You need to recommend a modern security solution based on the Zero Trust model. The solution must minimize latency for developers. Which three actions should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure network security groups (NSGs) to allow access from only specific logical groupings of IP address ranges.
- B. Implement Azure Firewall to restrict host pool outbound access.
- C. Configure Azure Active Directory (Azure AD) Conditional Access with multi-factor authentication (MFA) and named locations.
- D. Migrate from the Remote Desktop server to Azure Virtual Desktop.
- E. Deploy a Remote Desktop server to an Azure region located in France.

Answer: BCD

Explanation:

<https://docs.microsoft.com/en-us/azure/firewall/protect-azure-virtual-desktop>

NEW QUESTION 135

- (Exam Topic 3)

You use Azure Pipelines with Azure Repos to implement continuous integration and continuous deployment (O/CD) workflows for the deployment of applications to Azure. You need to recommend what to include in dynamic application security testing (DAST) based on the principles of the Microsoft Cloud Adoption Framework for Azure. What should you recommend?

- A. unit testing
- B. penetration testing
- C. dependency checks
- D. threat modeling

Answer: C

NEW QUESTION 140

- (Exam Topic 3)

Your company wants to optimize using Azure to protect its resources from ransomware.

You need to recommend which capabilities of Azure Backup and Azure Storage provide the strongest protection against ransomware attacks. The solution must follow Microsoft Security Best Practices.

What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Azure Backup:	<div>Encryption by using platform-managed keys</div> <div>Access policies</div> <div>Access tiers</div> <div>Encryption by using platform-managed keys</div> <div>Immutable storage</div> <div>A security PIN</div>
Azure Storage:	<div>Immutable storage</div> <div>Access policies</div> <div>Access tiers</div> <div>Encryption by using platform-managed keys</div> <div>Immutable storage</div> <div>A security PIN</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Azure Backup:	<div>Encryption by using platform-managed keys</div> <div>Access policies</div> <div>Access tiers</div> <div>Encryption by using platform-managed keys</div> <div>Immutable storage</div> <div>A security PIN</div>
Azure Storage:	<div>Immutable storage</div> <div>Access policies</div> <div>Access tiers</div> <div>Encryption by using platform-managed keys</div> <div>Immutable storage</div> <div>A security PIN</div>

NEW QUESTION 145

- (Exam Topic 3)

Your company is developing a modern application that will run as an Azure App Service web app. You plan to perform threat modeling to identify potential security issues by using the Microsoft Threat Modeling Tool. Which type of diagram should you create?

- A. data flow
- B. system flow
- C. process flow
- D. network flow

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/learn/modules/tm-create-a-threat-model-using-foundational-data-flow-diagram> <https://docs.microsoft.com/en-us/azure/security/develop/threat-modeling-tool-getting-started?source=recommen>

NEW QUESTION 146

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