

Microsoft

Exam Questions SC-100

Microsoft Cybersecurity Architect



NEW QUESTION 1

- (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 2

- (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 3

- (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:	<div><div></div>Azure Arc</div>
For the AWS EC2 instances:	<div><div></div>Microsoft Defender for Cloud</div> <div><div></div>Microsoft Defender for Cloud Apps</div> <div><div></div>Microsoft Defender for Endpoint</div> <div><div></div>Microsoft Defender for IoT</div>
For the AWS EC2 instances:	<div><div></div>Azure Arc only</div> <div><div></div>Microsoft Defender for Cloud and Azure Arc</div> <div><div></div>Microsoft Defender for Cloud Apps only</div> <div><div></div>Microsoft Defender for Cloud only</div> <div><div></div>Microsoft Defender for Endpoint and Azure Arc</div> <div><div></div>Microsoft Defender for Endpoint only</div>

- 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 4

- (Exam Topic 3)

You have a Microsoft 365 subscription

You need to recommend a security solution to monitor the following activities:

- User accounts that were potentially compromised
- Users performing bulk file downloads from Microsoft SharePoint Online

What should you include in the recommendation for each activity? To answer, drag the appropriate components to the correct activities. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each Correct selection is worth one Point.

Components

- A data loss prevention (DLP) policy
- Azure Active Directory (Azure AD) Conditional Access
- Azure Active Directory (Azure AD) Identity Protection
- Microsoft Defender for Cloud
- Microsoft Defender for Cloud Apps

Answer Area

User accounts that were potentially compromised:

Users performing bulk file downloads from SharePoint Online:

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/concept-identity-protection-risks> <https://docs.microsoft.com/en-us/defender-cloud-apps/policies-threat-protection#detect-mass-download-data-exf> <https://docs.microsoft.com/en-us/microsoft-365/security/defender/investigate-users>

NEW QUESTION 5

- (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 that allow traffic from the Front Door service tags. Does this meet the goal?

- A. Yes
B. No

Answer: A

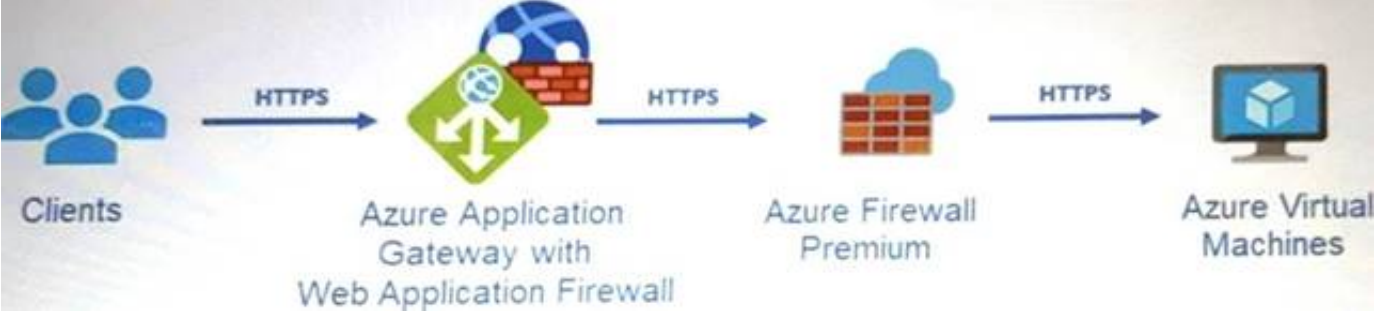
Explanation:

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

NEW QUESTION 6

- (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.

Answer Area

For WAF:

The Azure Diagnostics extension

Azure Network Watcher

Data connectors

Workflow automation

For the virtual machines:

The Azure Diagnostics extension

Azure Storage Analytics

Data connectors

The Log Analytics agent

Workflow automation

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface Description automatically generated

NEW QUESTION 7

- (Exam Topic 3)

You have an operational model based on the Microsoft Cloud Adoption framework for Azure.

You need to recommend a solution that focuses on cloud-centric control areas to protect resources such as endpoints, database, files, and storage accounts.

What should you include in the recommendation?

- A. security baselines in the Microsoft Cloud Security Benchmark
- B. modern access control
- C. business resilience
- D. network isolation

Answer: A

NEW QUESTION 8

- (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 9

- (Exam Topic 3)

You have a Microsoft 365 subscription.

You need to design a solution to block file downloads from Microsoft SharePoint Online by authenticated users on unmanaged devices.

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

- A. Microsoft Defender for Cloud Apps
- B. Azure AD Application Proxy
- C. Azure Data Catalog
- D. Azure AD Conditional Access
- E. Microsoft Purview Information Protection

Answer: AD

NEW QUESTION 10

- (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: 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.

NEW QUESTION 10

- (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.

Answer Area

EDR:

Add a Microsoft Sentinel data connector for Azure Active Directory (Azure AD).
Add a Microsoft Sentinel data connector for Microsoft Defender for Cloud Apps.
Onboard the servers to Azure Arc.
Onboard the servers to Defender for Cloud.

SOAR:

Configure Microsoft Sentinel analytics rules.
Configure Microsoft Sentinel playbooks.
Configure regulatory compliance standards in Defender for Cloud.
Configure workflow automation in Defender for Cloud.

- A. Mastered
- B. Not Mastered

Answer: A

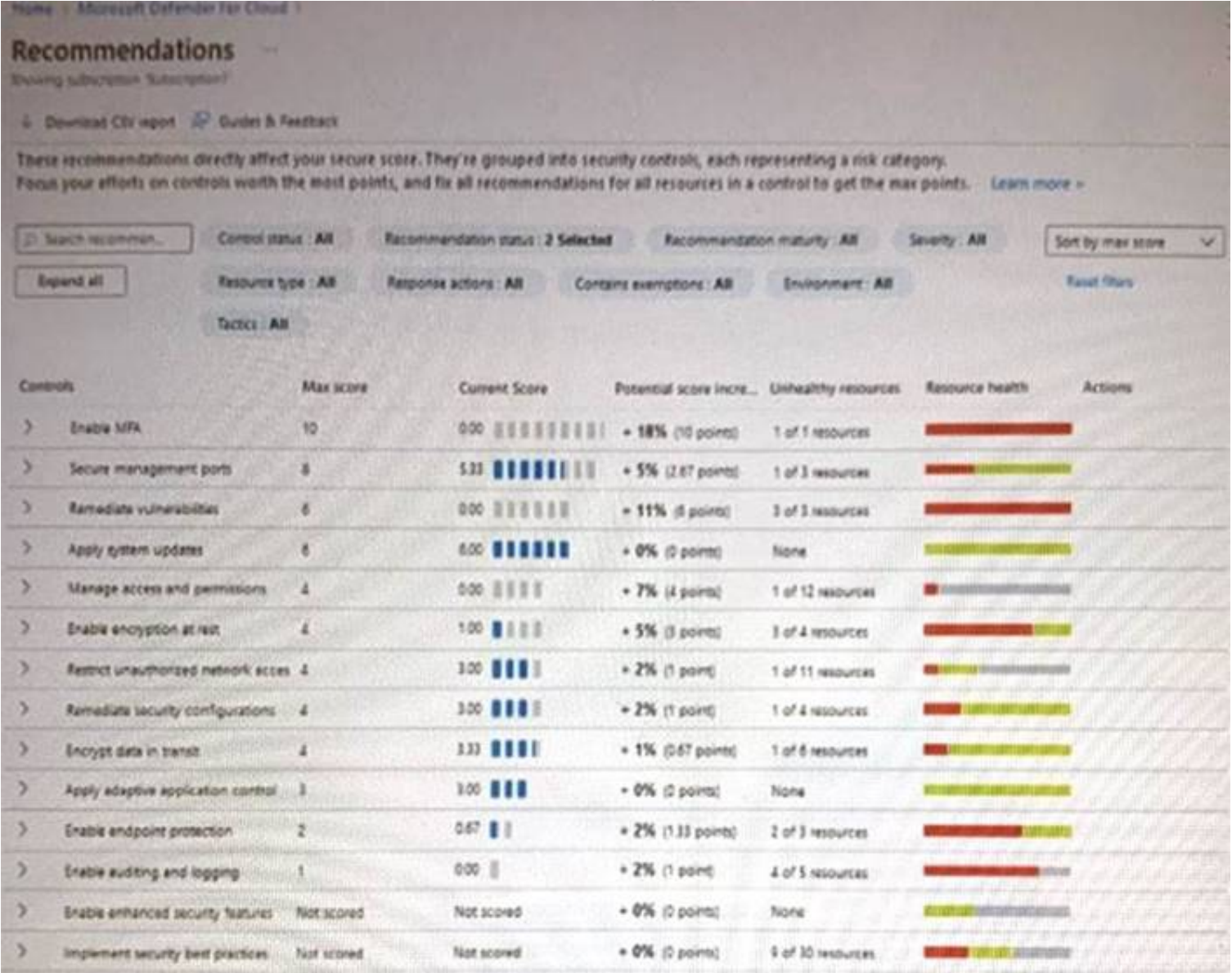
Explanation:

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 13

- (Exam Topic 3)

You open Microsoft Defender for Cloud as shown in the following exhibit.



Use the drop-down menus to select the answer choice that complete each statements based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

To increase the score for the Restrict unauthorized network access control, implement [answer choice].

Azure Active Directory (Azure AD) Conditional Access policies
Azure Web Application Firewall (WAF)
network security groups (NSGs)

To increase the score for the Enable endpoint protection control, implement [answer choice].

Microsoft Defender for Resource Manager
Microsoft Defender for servers
private endpoints

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Selection 1: NSG Selection

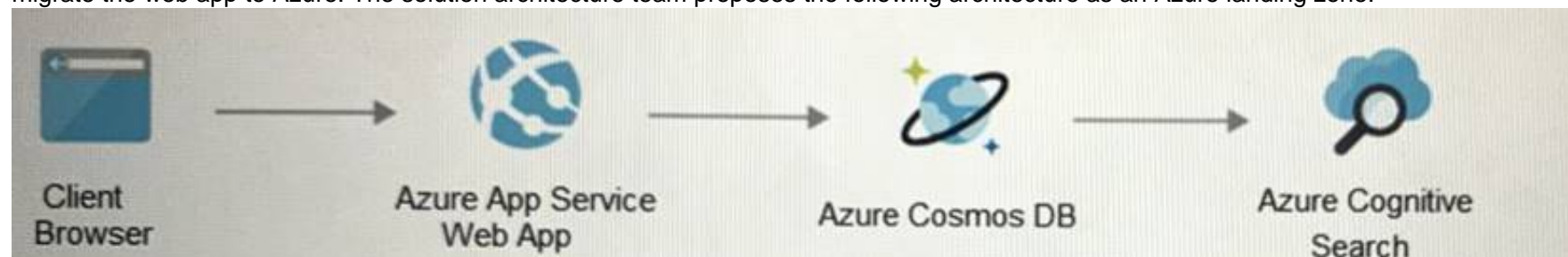
Selection 2: Microsoft Defender for servers

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

NEW QUESTION 16

- (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 Front Door with Azure Web Application Firewall (WAF). Does this meet the goal?

A. Yes

B. No

Answer: B

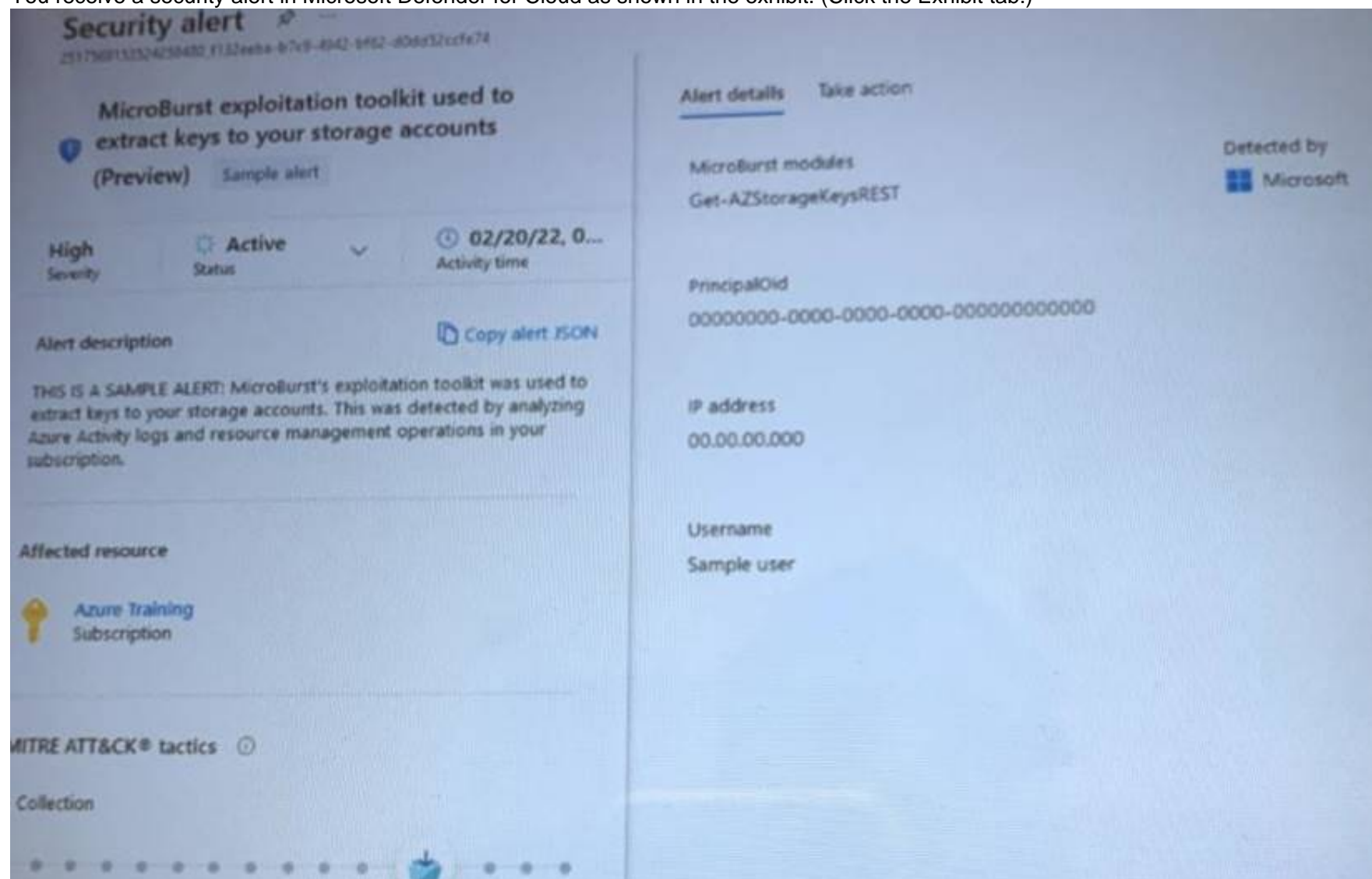
Explanation:

<https://www.varonis.com/blog/securing-access-azure-webapps>

NEW QUESTION 17

- (Exam Topic 3)

You receive a security alert in Microsoft Defender for Cloud as shown in the exhibit. (Click the Exhibit tab.)



After remediating the threat which policy definition should you assign to prevent the threat from reoccurring?

- A. Storage account public access should be disallowed
- B. Azure Key Vault Managed HSM should have purge protection enabled
- C. Storage accounts should prevent shared key access
- D. Storage account keys should not be expired

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/storage/blobs/anonymous-read-access-prevent>

NEW QUESTION 21

- (Exam Topic 3)

You are designing the security standards for containerized applications onboarded to Azure. You are evaluating the use of Microsoft Defender for Containers.

In which two environments can you use Defender for Containers to scan for known vulnerabilities? Each correct answer presents a complete solution. NOTE: Each

correct selection is worth one point.

- A. Linux containers deployed to Azure Container Registry
- B. Linux containers deployed to Azure Kubernetes Service (AKS)
- C. Windows containers deployed to Azure Container Registry
- D. Windows containers deployed to Azure Kubernetes Service (AKS)
- E. Linux containers deployed to Azure Container Instances

Answer: AC

Explanation:

<https://docs.microsoft.com/en-us/learn/modules/design-strategy-for-secure-paas-iaas-saas-services/9-specify-sec> <https://docs.microsoft.com/en-us/azure/defender-for-cloud/defender-for-containers-introduction#view-vulnerabi>

NEW QUESTION 23

- (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 24

- (Exam Topic 3)

You are designing a ransomware response plan that follows Microsoft Security Best Practices.

You need to recommend a solution to minimize the risk of a ransomware attack encrypting local user files. What should you include in the recommendation?

- A. Microsoft Defender for Endpoint
- B. Windows Defender Device Guard
- C. protected folders
- D. Azure Files
- E. BitLocker Drive Encryption (BitLocker)

Answer: E

NEW QUESTION 25

- (Exam Topic 3)

You have a Microsoft 365 tenant. Your company uses a third-party software as a service (SaaS) app named App1. App1 supports authenticating users by using Azure AD credentials. You need to recommend a solution to enable users to authenticate to App1 by using their Azure AD credentials. What should you include in the recommendation?

- A. an Azure AD enterprise application
- B. a retying party trust in Active Directory Federation Services (AD FS)
- C. Azure AD Application Proxy
- D. Azure AD B2C

Answer: A

NEW QUESTION 28

- (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 32

- (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: C

NEW QUESTION 33

- (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 34

- (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 37

- (Exam Topic 3)

A customer has a hybrid cloud infrastructure that contains a Microsoft 365 E5 subscription and an Azure subscription.

All the on-premises servers in the perimeter network are prevented from connecting directly to the internet. The customer recently recovered from a ransomware attack.

The customer plans to deploy Microsoft Sentinel.

You need to recommend configurations to meet the following requirements:

- Ensure that the security operations team can access the security logs and the operation logs.
- Ensure that the IT operations team can access only the operations logs, including the event logs of the servers in the perimeter network.

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

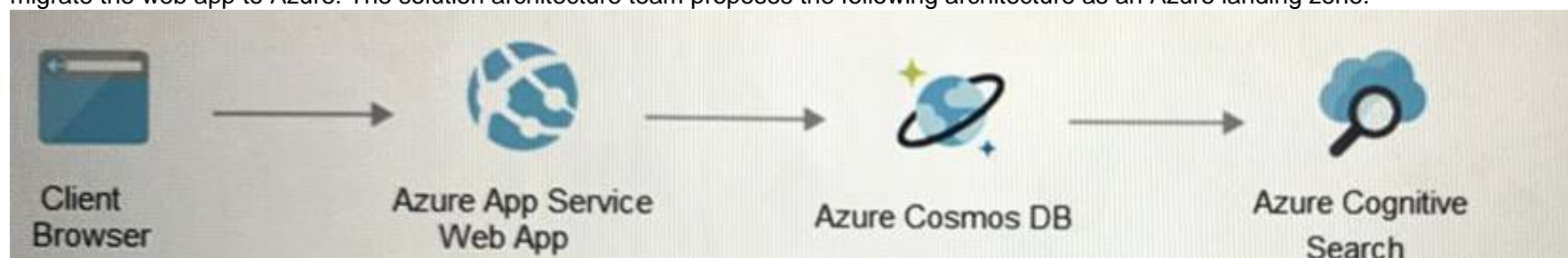
- A. Configure Azure Active Directory (Azure AD) Conditional Access policies.
- B. Use the Azure Monitor agent with the multi-homing configuration.
- C. Implement resource-based role-based access control (RBAC) in Microsoft Sentinel.
- D. Create a custom collector that uses the Log Analytics agent.

Answer: BC

NEW QUESTION 39

- (Exam Topic 3)

Your on-premises network contains an e-commerce web app that was developed in Angular and Nodejs. 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 creating private endpoints for the web app and the database layer. Does this meet the goal?

- A. Yes
- B. No

Answer: A

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.
<https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-configure-private-endpoints>

NEW QUESTION 43

- (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. 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

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-defender-application-control/sele>

NEW QUESTION 46

- (Exam Topic 3)

Your company plans to evaluate the security of its Azure environment based on the principles of the Microsoft Cloud Adoption Framework for Azure. You need to recommend a cloud-based service to evaluate whether the Azure resources comply with the National Institute of Standards and Technology (NIST) Cybersecurity Framework (CSF). What should you recommend?

- A. Compliance Manager in Microsoft Purview
- B. Microsoft Defender for Cloud
- C. Microsoft Sentinel
- D. Microsoft Defender for Cloud Apps

Answer: D

NEW QUESTION 47

- (Exam Topic 3)

You have a multi-cloud environment that contains an Azure subscription and an Amazon Web Services (AWS) account. You need to implement security services in Azure to manage the resources in both subscriptions. The solution must meet the following requirements:

- Automatically identify threats found in AWS CloudTrail events.
- Enforce security settings on AWS virtual machines by using Azure policies.

What should you include in the solution for each requirement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Automatically identify threats:	<div>Microsoft Defender for Cloud</div> <div>Azure Arc</div> <div>Azure Log Analytics</div> <div>Microsoft Defender for Cloud</div> <div>Microsoft Sentinel</div>
Enforce security settings:	<div>Microsoft Sentinel</div> <div>Azure Arc</div> <div>Azure Log Analytics</div> <div>Microsoft Defender for Cloud</div> <div>Microsoft Sentinel</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Automatically identify threats:	<div>Microsoft Defender for Cloud</div> <div>Azure Arc</div> <div>Azure Log Analytics</div> <div>Microsoft Defender for Cloud</div> <div>Microsoft Sentinel</div>
Enforce security settings:	<div>Microsoft Sentinel</div> <div>Azure Arc</div> <div>Azure Log Analytics</div> <div>Microsoft Defender for Cloud</div> <div>Microsoft Sentinel</div>

NEW QUESTION 51

- (Exam Topic 3)

You have a Microsoft 365 subscription.

You are designing a user access solution that follows the Zero Trust principles of the Microsoft Cybersecurity Reference Architectures (MCRA).

You need to recommend a solution that automatically restricts access to Microsoft Exchange Online, SharePoint Online, and Teams in near-real-time (NRT) in response to the following Azure AD events:

- A user account is disabled or deleted
- The password of a user is changed or reset.
- All the refresh tokens for a user are revoked
- Multi-factor authentication (MFA) is enabled for a user

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

- A. continuous access evaluation
- B. a sign-in risk policy
- C. Azure AD Privileged Identity Management (PIM)
- D. Conditional Access
- E. Azure AD Application Proxy

Answer: AD

NEW QUESTION 55

- (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:

<input type="checkbox"/>	Azure AD application
<input type="checkbox"/>	Azure AD Application Proxy
<input type="checkbox"/>	Azure Application Gateway
<input type="checkbox"/>	A managed identity in Azure AD
<input type="checkbox"/>	Microsoft Defender for App

To implement access requests for App1, use:

<input type="checkbox"/>	An access package in Identity Governance
<input type="checkbox"/>	An access policy in Microsoft Defender for Cloud Apps
<input type="checkbox"/>	An access review in Identity Governance
<input type="checkbox"/>	Azure AD Conditional Access App Control
<input type="checkbox"/>	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 56

- (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 61

- (Exam Topic 3)

Your company finalizes the adoption of Azure and is implementing Microsoft Defender for Cloud. You receive the following recommendations in Defender for Cloud

- Access to storage accounts with firewall and virtual network configurations should be restricted,
- Storage accounts should restrict network access using virtual network rules.
- Storage account should use a private link connection.
- Storage account public access should be disallowed.

You need to recommend a service to mitigate identified risks that relate to the recommendations. What should you recommend?

- A. Azure Storage Analytics
- B. Azure Network Watcher
- C. Microsoft Sentinel
- D. Azure Policy

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/security-policy-concept> <https://docs.microsoft.com/en-us/security/benchmark/azure/baselines/storage-security-baseline>

NEW QUESTION 64

- (Exam Topic 3)

Your company has Microsoft 365 E5 licenses and Azure subscriptions.

The company plans to automatically label sensitive data stored in the following locations:

- Microsoft SharePoint Online
- Microsoft Exchange Online
- Microsoft Teams

You need to recommend a strategy to identify and protect sensitive data.

Which scope should you recommend for the sensitivity label policies? To answer, drag the appropriate scopes to the correct locations. Each scope may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Scopes	Answer Area
Files and emails	SharePoint Online: Scope
Groups and sites	Microsoft Teams: Scope
Schematized data assets	Exchange Online: Scope

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Groups and sites Box 2: Groups and sites Box 3: Files and emails –

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

NEW QUESTION 65

- (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: C

Explanation:

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

NEW QUESTION 69

- (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 Azure security baseline for audit report.
- B. From Defender for Cloud, review the secure score recommendations.
- C. From Azure Policy, assign a built-in initiative that has a scope of the subscription.
- D. From Defender for Cloud, enable Defender for Cloud plans.

Answer: C

Explanation:

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

NEW QUESTION 72

- (Exam Topic 3)

Your company has a Microsoft 365 E5 subscription.

The company plans to deploy 45 mobile self-service kiosks that will run Windows 10. You need to provide recommendations to secure the kiosks. The solution must meet the following requirements:

- Ensure that only authorized applications can run on the kiosks.
- Regularly harden the kiosks against new threats.

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

- A. Onboard the kiosks to Azure Monitor.
- B. Implement Privileged Access Workstation (PAW) for the kiosks.
- C. Implement Automated Investigation and Remediation (AIR) in Microsoft Defender for Endpoint.
- D. Implement threat and vulnerability management in Microsoft Defender for Endpoint.
- E. Onboard the kiosks to Microsoft Intune and Microsoft Defender for Endpoint.

Answer: DE

Explanation:

(<https://docs.microsoft.com/en-us/microsoft-365/security/defender-vulnerability-management/defender-vulnerab>

NEW QUESTION 73

- (Exam Topic 2)

You need to recommend a strategy for securing the litware.com forest. The solution must meet the identity 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 Azure AD-targeted threats:	<input type="checkbox"/> Azure AD Identity Protection <input type="checkbox"/> Azure AD Password Protection <input type="checkbox"/> Microsoft Defender for Cloud
For AD DS-targeted threats:	<input type="checkbox"/> An account lockout policy in AD DS <input type="checkbox"/> Microsoft Defender for Endpoint <input type="checkbox"/> Microsoft Defender for Identity

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 1. Azure AD Identity Protection Brute Force Detection:

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/overview-identity-protection>

* 2. Defender for Identity

MDI can detect brute force attacks: ref:

<https://docs.microsoft.com/en-us/defender-for-identity/compromised-credentials-alerts#suspected-brute-force-at>

NEW QUESTION 78

- (Exam Topic 2)

You need to recommend a SIEM and SOAR strategy that meets the hybrid requirements, the Microsoft Sentinel 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

Segment Microsoft Sentinel workspaces by:	<input type="checkbox"/> Azure AD tenant <input type="checkbox"/> Enterprise <input type="checkbox"/> Region and Azure AD tenant
Integrate Azure subscriptions by using:	<input type="checkbox"/> Self-service sign-up user flows for Azure AD B2B <input type="checkbox"/> Self-service sign-up user flows for Azure AD B2C <input type="checkbox"/> The Azure Lighthouse subscription onboarding process

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Segment Microsoft Sentinel workspaces by: Region and Azure AD tenant Lighthouse subscription

NEW QUESTION 80

- (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: AB

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 83

- (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 86

- (Exam Topic 1)

You need to recommend a solution to resolve the virtual machine issue. What should you include in the recommendation? (Choose Two)

- A. Onboard the virtual machines to Microsoft Defender for Endpoint.
- B. Onboard the virtual machines to Azure Arc.
- C. Create a device compliance policy in Microsoft Endpoint Manager.
- D. Enable the Qualys scanner in Defender for Cloud.

Answer: AC

Explanation:

<https://docs.microsoft.com/en-us/microsoft-365/security/defender-endpoint/switch-to-mde-phase-3?view=o365->

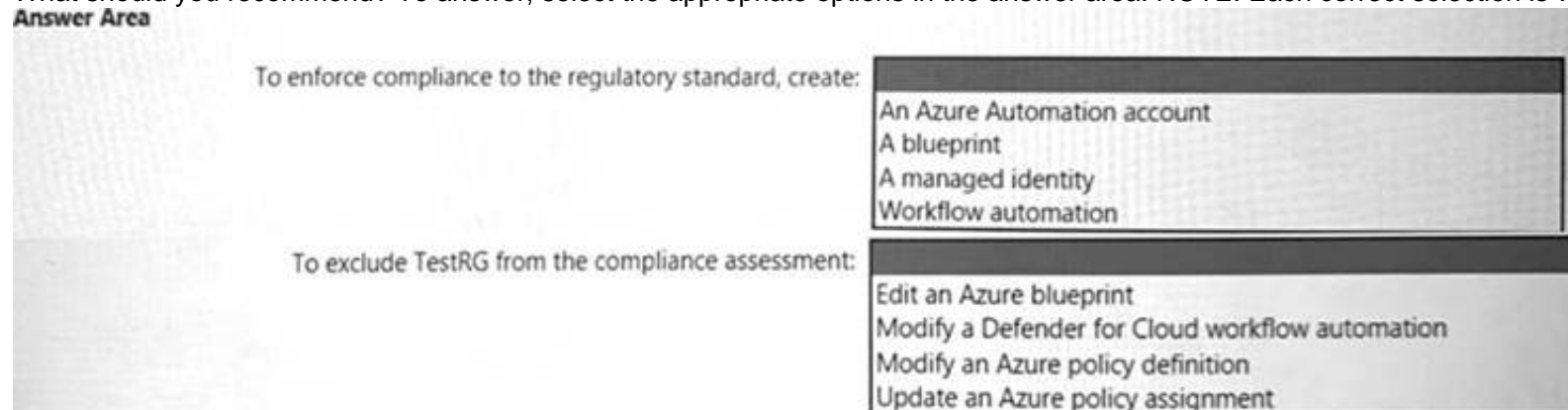
NEW QUESTION 87

- (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



- 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 89

- (Exam Topic 1)

You need to recommend a solution to meet the security requirements for the virtual machines. What should you include in the recommendation?

- A. an Azure Bastion host
- B. a network security group (NSG)
- C. just-in-time (JIT) VM access
- D. Azure Virtual Desktop

Answer: A

Explanation:

The security requirement this question wants us to meet is "The secure host must be provisioned from a custom operating system image."
<https://docs.microsoft.com/en-us/azure/virtual-desktop/set-up-golden-image>

NEW QUESTION 94

- (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: D

Explanation:

<https://docs.microsoft.com/en-us/learn/modules/protect-data-transit-rest/4-explain-object-encryption-secure-encl>

NEW QUESTION 99

- (Exam Topic 1)

You need to recommend a solution to meet the requirements for connections to ClaimsDB.

What should you recommend using for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

ClaimsDB must be accessible only from Azure virtual networks:	<input type="checkbox"/> A NAT gateway <input type="checkbox"/> A network security group <input type="checkbox"/> A private endpoint <input type="checkbox"/> A service endpoint
The app services permission for ClaimsApp must be assigned to ClaimsDB:	<input type="checkbox"/> A custom role-based access control (RBAC) role <input type="checkbox"/> A managed identity <input type="checkbox"/> An access package <input type="checkbox"/> Azure AD Privileged Identity Management (PIM)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

ClaimsDB must be accessible only from Azure virtual networks:	<input type="checkbox"/> A NAT gateway <input type="checkbox"/> A network security group <input checked="" type="checkbox"/> A private endpoint <input type="checkbox"/> A service endpoint
The app services permission for ClaimsApp must be assigned to ClaimsDB:	<input type="checkbox"/> A custom role-based access control (RBAC) role <input checked="" type="checkbox"/> A managed identity <input type="checkbox"/> An access package <input type="checkbox"/> Azure AD Privileged Identity Management (PIM)

NEW QUESTION 101

- (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 104

- (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: AC

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 108

- (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-recommendati>

NEW QUESTION 109

- (Exam Topic 3)

You have an Azure subscription.

You have a DNS domain named contoso.com that is hosted by a third-party DNS registrar. Developers use Azure DevOps to deploy web apps to App Service Environments. When a new app is

deployed, a CNAME record for the app is registered in contoso.com.

You need to recommend a solution to secure the DNS record for each web app. The solution must meet the following requirements:

- Ensure that when an app is deleted, the CNAME record for the app is removed also
- Minimize administrative effort.

What should you include in the recommendation?

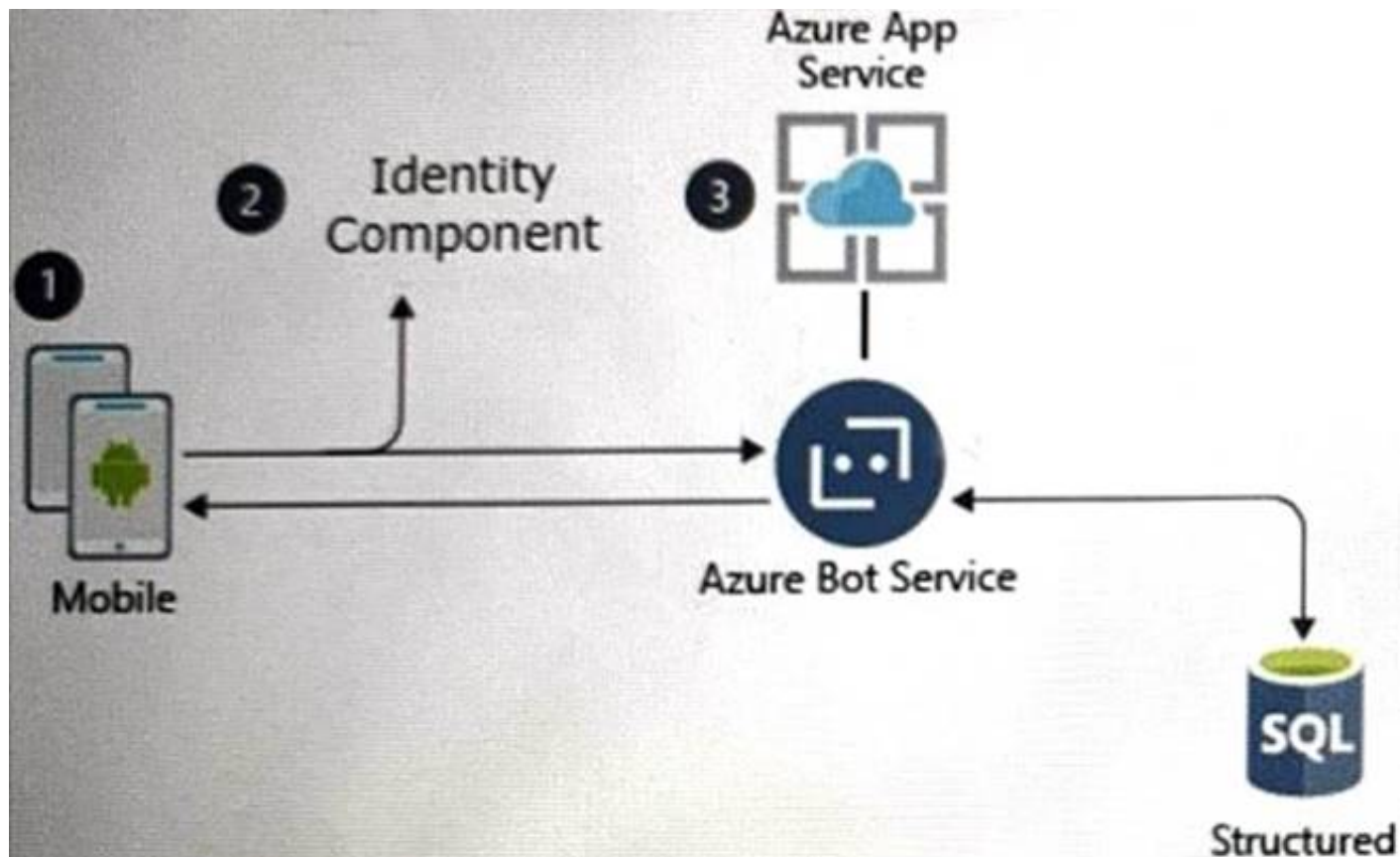
- A. Microsoft Defender for DevOps
- B. Microsoft Defender for App Service
- C. Microsoft Defender for Cloud Apps
- D. Microsoft Defender for DNS

Answer: C

NEW QUESTION 112

- (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 117

- (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

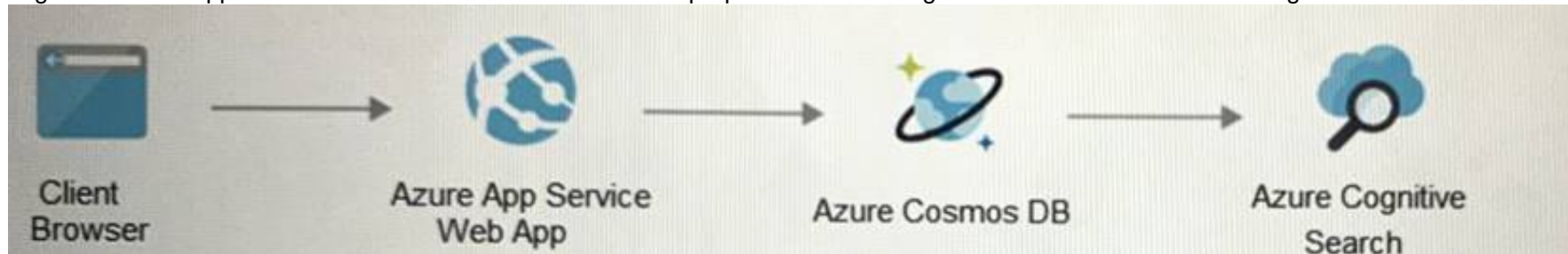
Explanation:

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

NEW QUESTION 122

- (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

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.

NEW QUESTION 123

- (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 testing
- D. threat modeling

Answer: C

NEW QUESTION 126

- (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 just-in-time (JIT) VM access on all virtual machines.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

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

NEW QUESTION 129

- (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 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.

- 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 132

- (Exam Topic 3)

Your company develops several applications that are accessed as custom enterprise applications in Azure Active Directory (Azure AD). You need to recommend a solution to prevent users on a specific list of countries from connecting to the applications. What should you include in the recommendation?

- A. activity policies in Microsoft Defender for Cloud Apps
- B. sign-in risk policies in Azure AD Identity Protection
- C. device compliance policies in Microsoft Endpoint Manager
- D. Azure AD Conditional Access policies
- E. user risk policies in Azure AD Identity Protection

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/howto-conditional-access-policy-loc> <https://docs.microsoft.com/en-us/power-platform/admin/restrict-access-online-trusted-ip-rules>

NEW QUESTION 133

- (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 Microsoft-managed keys within an encryption scope.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:
<https://docs.microsoft.com/en-us/azure/key-vault/keys/how-to-configure-key-rotation>

NEW QUESTION 138

- (Exam Topic 3)
 Your company wants to optimize using Microsoft Defender for Endpoint to protect its resources against ransomware based on Microsoft Security Best Practices. You need to prepare a post-breach response plan for compromised computers based on the Microsoft Detection and Response Team (DART) approach in Microsoft Security Best Practices. What should you include in the response plan?

- A. controlled folder access
- B. application isolation
- C. memory scanning
- D. machine isolation
- E. user isolation

Answer: D

NEW QUESTION 139

- (Exam Topic 3)
 You have a Microsoft 365 E5 subscription that uses Microsoft Exchange Online. You need to recommend a solution to prevent malicious actors from impersonating the email addresses of internal senders. 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

Service:

Microsoft Defender for Office 365

Azure AD Identity Protection

Microsoft Defender for DNS

Microsoft Defender for Office 365

Microsoft Purview

Policy type:

Anti-phishing

Anti-phishing

Anti-spam

Data loss prevention (DLP)

Insider risk management

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Answer Area

Service:

Microsoft Defender for Office 365

Azure AD Identity Protection

Microsoft Defender for DNS

Microsoft Defender for Office 365

Microsoft Purview

Policy type:

Anti-phishing

Anti-phishing

Anti-spam

Data loss prevention (DLP)

Insider risk management

NEW QUESTION 142

- (Exam Topic 3)
 You design cloud-based software as a service (SaaS) solutions. You need to recommend ransomware attacks. The solution must follow Microsoft Security Best Practices. What should you recommend doing first?

- A. Implement data protection.
- B. Develop a privileged access strategy.
- C. Prepare a recovery plan.
- D. Develop a privileged identity strategy.

Answer: C

NEW QUESTION 143

- (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:

Encryption by using platform-managed keys

Access policies

Access tiers

Encryption by using platform-managed keys

Immutable storage

A security PIN

Azure Storage:

Immutable storage

Access policies

Access tiers

Encryption by using platform-managed keys

Immutable storage

A security PIN

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Azure Backup:

Encryption by using platform-managed keys

Access policies

Access tiers

Encryption by using platform-managed keys

Immutable storage

A security PIN

Azure Storage:

Immutable storage

Access policies

Access tiers

Encryption by using platform-managed keys

Immutable storage

A security PIN

NEW QUESTION 146

- (Exam Topic 3)

You have a Microsoft 365 E5 subscription and an Azure subscripts You need to evaluate the existing environment to increase the overall security posture for the following components:

- Windows 11 devices managed by Microsoft Intune
- Azure Storage accounts
- Azure virtual machines

What should you use to evaluate the components? To answer, select the appropriate options in the answer area.

Windows 11 devices:

Microsoft 365 compliance center

Microsoft 365 Defender

Microsoft Defender for Cloud

Microsoft Sentinel

Azure virtual machines:

Microsoft 365 compliance center

Microsoft 365 Defender

Microsoft Defender for Cloud

Microsoft Sentinel

Azure Storage accounts:

Microsoft 365 compliance center

Microsoft 365 Defender

Microsoft Defender for Cloud

Microsoft Sentinel

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Selection 1: Microsoft 365 Defender (Microsoft Defender for Endpoint is part of it). Selection 2: Microsoft Defender for Cloud.
 Selection 3: Microsoft Defender for Cloud.
<https://docs.microsoft.com/en-us/learn/modules/design-strategy-for-secure-paas-iaas-saas-services/8-specify-sec>

NEW QUESTION 148

- (Exam Topic 3)

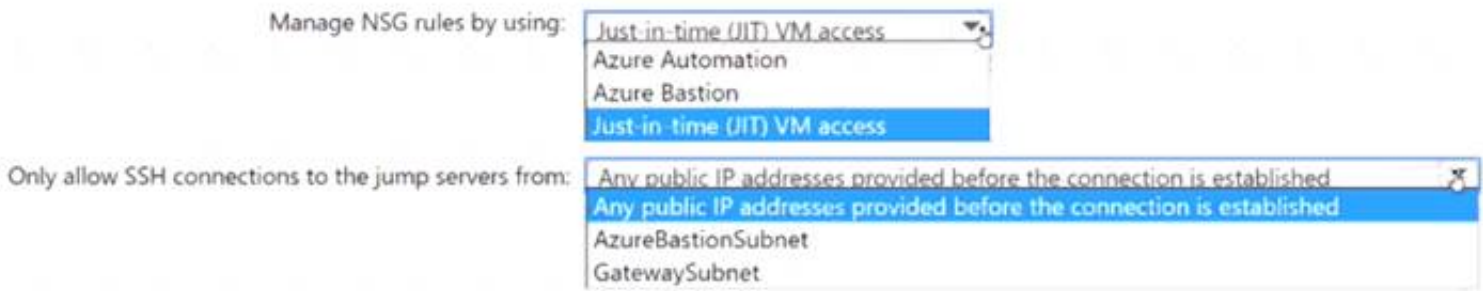
You plan to deploy a dynamically scaling, Linux-based Azure Virtual Machine Scale Set that will host jump servers. The jump servers will be used by support staff who connect f personal and kiosk devices via the internet. The subnet of the jump servers will be associated to a network security group (NSG)
 You need to design an access solution for the Azure Virtual Machine Scale Set. The solution must meet the following requirements:

- Ensure that each time the support staff connects to a jump server; they must request access to the server.
- Ensure that only authorized support staff can initiate SSH connections to the jump servers.
- Maximize protection against brute-force attacks from internal networks and the internet.
- Ensure that users can only connect to the jump servers from the internet.
- Minimize administrative effort

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.

Answer Area

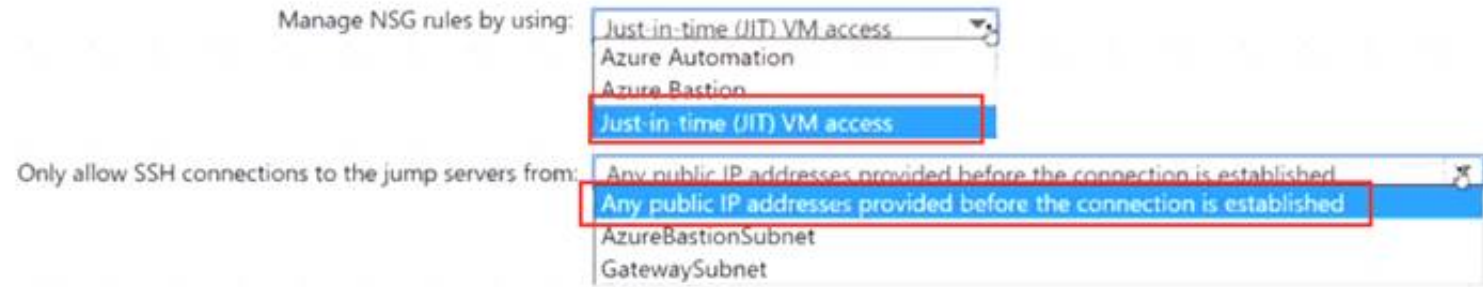


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

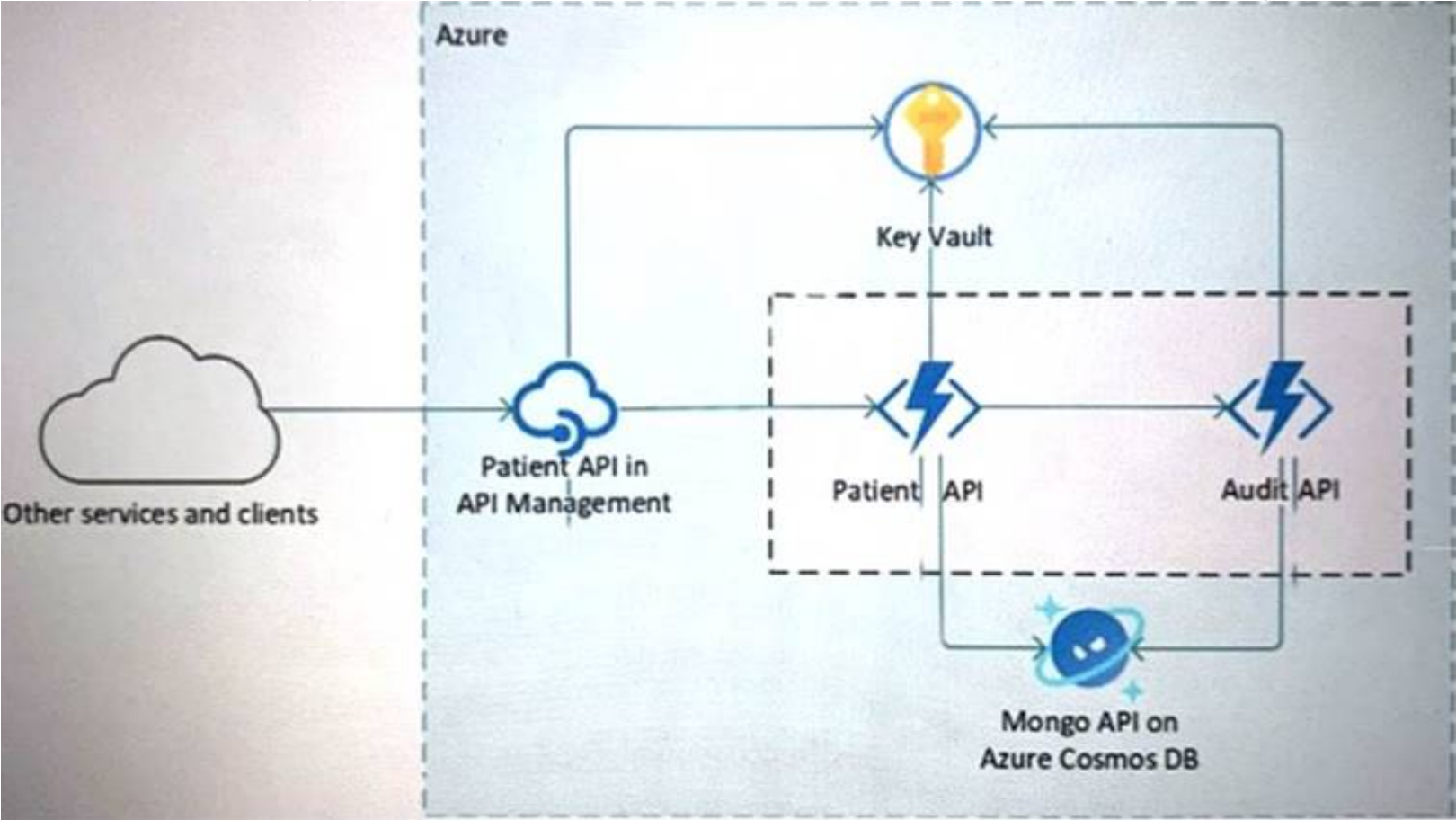
Answer Area



NEW QUESTION 153

- (Exam Topic 3)

Your company is developing a serverless application in Azure that will have the architecture shown in the following exhibit.



You need to recommend a solution to isolate the compute components on an Azure virtual network. What should you include in the recommendation?

- A. Azure Active Directory (Azure AD) enterprise applications

- B. an Azure App Service Environment (ASE)
- C. Azure service endpoints
- D. an Azure Active Directory (Azure AD) application proxy

Answer: B

Explanation:

App Service environments (ASEs) are appropriate for application workloads that require:

Very high scale, Isolation and secure network access, High memory utilization. This capability can host your: Windows web apps, Linux web apps, Docker containers, Mobile apps, Functions

<https://docs.microsoft.com/en-us/azure/app-service/environment/overview>

NEW QUESTION 157

- (Exam Topic 3)

You have an Azure subscription.

Your company has a governance requirement that resources must be created in the West Europe or North Europe Azure regions.

What should you recommend using to enforce the governance requirement?

- A. regulatory compliance standards in Microsoft Defender for Cloud
- B. custom Azure roles
- C. Azure Policy assignments
- D. Azure management groups

Answer: C

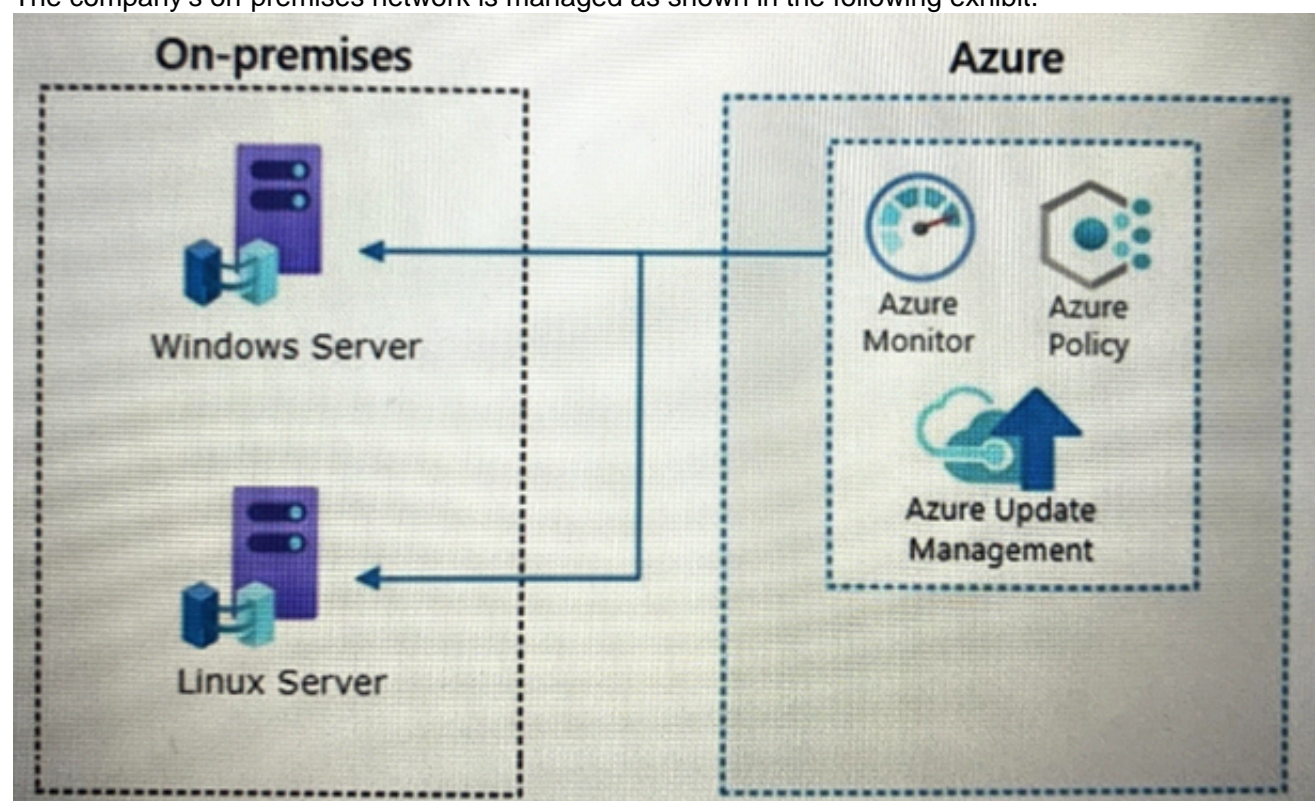
NEW QUESTION 162

- (Exam Topic 3)

Your company has a hybrid cloud infrastructure.

Data and applications are moved regularly between cloud environments.

The company's on-premises network is managed as shown in the following exhibit.



You are designing security operations to support the hybrid cloud infrastructure. The solution must meet the following requirements:

- > Govern virtual machines and servers across multiple environments.
- > Enforce standards for all the resources across all the environment across the Azure policy.

Which two components should you recommend for the on-premises network? Each correct answer presents part of the solution.

NOTE Each correct selection is worth one point.

- A. Azure VPN Gateway
- B. guest configuration in Azure Policy
- C. on-premises data gateway
- D. Azure Bastion
- E. Azure Arc

Answer: BE

Explanation:

<https://docs.microsoft.com/en-us/azure/governance/machine-configuration/overview>

NEW QUESTION 163

- (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 164

- (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 168

- (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: AD

Explanation:

<https://docs.microsoft.com/en-us/learn/modules/connect-vm-with-azure-bastion/2-what-is-azure-bastion>

NEW QUESTION 172

- (Exam Topic 3)

Your company is moving a big data solution to Azure.

The company plans to use the following storage workloads:

- Azure Storage blob containers
- Azure Data Lake Storage Gen2
- Azure Storage file shares
- Azure Disk Storage

Which two storage workloads support authentication by using Azure Active Directory (Azure AD)? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Azure Disk Storage
- B. Azure Storage blob containers
- C. Azure Storage file shares
- D. Azure Data Lake Storage Gen2

Answer: BD

Explanation:

<https://docs.microsoft.com/en-us/azure/storage/blobs/authorize-access-azure-active-directory> <https://docs.microsoft.com/en-us/azure/databricks/data/data-sources/azure/adls-gen2/azure-datalake-gen2-sp-acc>

NEW QUESTION 176

- (Exam Topic 3)

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 their LinkedIn account.

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.

Answer Area

App1:

Azure AD B2B authentication with Conditional Access

Azure AD B2C custom policies with Conditional Access

Azure Application Gateway Web Application Firewall policies

Azure Firewall

Azure VPN Gateway with network security group rules

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 policies

Azure Firewall

Azure VPN Gateway with network security group rules

Azure VPN Point-to-Site connections

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated with medium confidence

NEW QUESTION 180

- (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:

Azure Key Vault

Azure Key Vault

Custom roles for build agents

Protected branches

Resource locks in Azure

Secure deployment credentials:

Protected branches

Azure Key Vault

Custom roles for build agents

Protected branches

Resource locks in Azure

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Git workflow:

Azure Key Vault

Azure Key Vault

Custom roles for build agents

Protected branches

Resource locks in Azure

Secure deployment credentials:

Protected branches

Azure Key Vault

Custom roles for build agents

Protected branches

Resource locks in Azure

NEW QUESTION 185

- (Exam Topic 3)

Your company is developing a new Azure App Service web app. You are providing design assistance to verify the security of the web app. You need to recommend a solution to test the web app for vulnerabilities such as insecure server configurations, cross-site scripting (XSS), and SQL injection. What should you include in the recommendation?

- A. interactive application security testing (IAST)
- B. static application security testing (SAST)
- C. runtime application se/f-protection (RASP)
- D. dynamic application security testing (DAST)

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/azure/security/develop/secure-develop#test-your-application-in-an-operating-st>

NEW QUESTION 189

- (Exam Topic 3)

You are designing a security operations strategy based on the Zero Trust framework. You need to increase the operational efficiency of the Microsoft Security Operations Center (SOC). Based on the Zero Trust framework, which three deployment objectives should you prioritize in sequence? To answer, move the appropriate objectives from the list of objectives to the answer area and arrange them in the correct order.

Actions

Establish ransomware recovery readiness.

Implement disaster recovery.

Establish visibility.

Enable additional protection and detection controls.

Enable automation.

>

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Answer Area

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Establish ransomware recovery readiness.

Implement disaster recovery.

Establish visibility.

Enable additional protection and detection controls.

Enable automation.

>

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Answer Area

Establish visibility.

Enable additional protection and detection controls.

Enable automation.

↑

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NEW QUESTION 192

- (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: C

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 195

- (Exam Topic 3)

You plan to automate the development and deployment of a Nodejs-based app by using GitHub. You need to recommend a DevSecOps solution for the app. The solution must meet the following requirements:

- Automate the generation of pull requests that remediate identified vulnerabilities.
- Automate vulnerability code scanning for public and private repositories.
- Minimize administrative effort.
- Minimize costs.

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

Answer Area

To automate vulnerability code scanning:

To automatically generate pull requests:

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

A close up of a text Description automatically generated

NEW QUESTION 197

- (Exam Topic 3)

You are designing a security operations strategy based on the Zero Trust framework.

You need to minimize the operational load on Tier 1 Microsoft Security Operations Center (SOC) analysts. What should you do?

- A. Enable built-in compliance policies in Azure Policy.
B. Enable self-healing in Microsoft 365 Defender.
C. Automate data classification.
D. Create hunting queries in Microsoft 365 Defender.

Answer: C

NEW QUESTION 200

- (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:

For the Security logs:

For the Security logs:

For the App Service audit logs:

For the App Service audit logs:

- 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 201

- (Exam Topic 3)

Your company plans to deploy several Azure App Service web apps. The web apps will be deployed to the West Europe Azure region. The web apps will be accessed only by customers in Europe and the United States. You need to recommend a solution to prevent malicious bots from scanning the web apps for vulnerabilities. The solution must minimize the attach surface. What should you include in the recommendation?

- A. Azure Firewall Premium
- B. Azure Application Gateway Web Application Firewall (WAF)
- C. network security groups (NSGs)
- D. Azure Traffic Manager and application security groups

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/bot-protection>

NEW QUESTION 205

- (Exam Topic 3)

You have a hybrid Azure AD tenant that has pass-through authentication enabled. You are designing an identity security strategy. You need to minimize the impact of brute force password attacks and leaked credentials of hybrid identities. What should you include in the design? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Features	Answer Area
Azure AD Password Protection	For brute force password attacks:
Extranet Smart Lockout (ESL)	For leaked credentials:
Password hash synchronization	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Features	Answer Area
Azure AD Password Protection	For brute force password attacks: Azure AD Password Protection
Extranet Smart Lockout (ESL)	For leaked credentials: Extranet Smart Lockout (ESL)
Password hash synchronization	

NEW QUESTION 210

- (Exam Topic 3)

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.

Answer: AF

Explanation:

<https://docs.microsoft.com/en-us/azure/governance/management-groups/overview> <https://docs.microsoft.com/en-us/azure/governance/blueprints/overview>
<https://docs.microsoft.com/en-us/azure/governance/policy/samples/iso-27001> <https://docs.microsoft.com/en-us/azure/governance/policy/tutorials/create-and-manage>

NEW QUESTION 215

- (Exam Topic 3)

You have the following on-premises servers that run Windows Server:

- Two domain controllers in an Active Directory Domain Services (AD DS) domain
- Two application servers named Server1 and Server2 that run ASP.NET web apps
- A VPN server named Server3 that authenticates by using RADIUS and AD DS End users use a VPN to access the web apps over the internet.

You need to redesign a user access solution to increase the security of the connections to the web apps. The solution must minimize the attack surface and follow the Zero Trust principles of the Microsoft Cybersecurity Reference Architectures (MCRA).

What should you include in the recommendation?

- A. Configure connectors and rules in Microsoft Defender for Cloud Apps.
- B. Configure web protection in Microsoft Defender for Endpoint.
- C. Publish the web apps by using Azure AD Application Proxy.
- D. Configure the VPN to use Azure AD authentication.

Answer: C

NEW QUESTION 219

- (Exam Topic 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.

Answer: BC

Explanation:

<https://docs.microsoft.com/en-us/azure/cosmos-db/audit-control-plane-logs>

NEW QUESTION 220

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