

Microsoft

Exam Questions SC-100

Microsoft Cybersecurity Architect



NEW QUESTION 1

- (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 2

- (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:	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?pivot=env-settings> <https://docs.microsoft.com/en-us/azure/azure-arc/servers/overview#supported-cloud-operations>

NEW QUESTION 3

- (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	Answer Area
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	User accounts that were potentially compromised: Component Users performing bulk file downloads from SharePoint Online: Component

- 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 4

- (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 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)

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 7

- (Exam Topic 3)

Your company plans to apply the Zero Trust Rapid Modernization Plan (RaMP) to its IT environment. You need to recommend the top three modernization areas to prioritize as part of the plan.
Which three areas should you recommend based on RaMP? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. data, compliance, and governance
- B. user access and productivity
- C. infrastructure and development
- D. modern security operations
- E. operational technology (OT) and IoT

Answer: ABD

NEW QUESTION 8

- (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 9

- (Exam Topic 3)
Your company wants to optimize ransomware incident investigations.
You need to recommend a plan to investigate ransomware incidents based on the Microsoft Detection and Response Team (DART) approach.
Which three actions should you recommend performing in sequence in the plan? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Implement a comprehensive strategy to reduce the risk of privileged access compromise.

Update organizational processes to manage major ransomware events and streamline outsourcing to avoid friction.

Assess the current situation and identify the scope.

Identify which line-of-business (LOB) apps are unavailable due to a ransomware incident.

Identify the compromise recovery process.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Actions

Implement a comprehensive strategy to reduce the risk of privileged access compromise.

Update organizational processes to manage major ransomware events and streamline outsourcing to avoid friction.

Answer Area

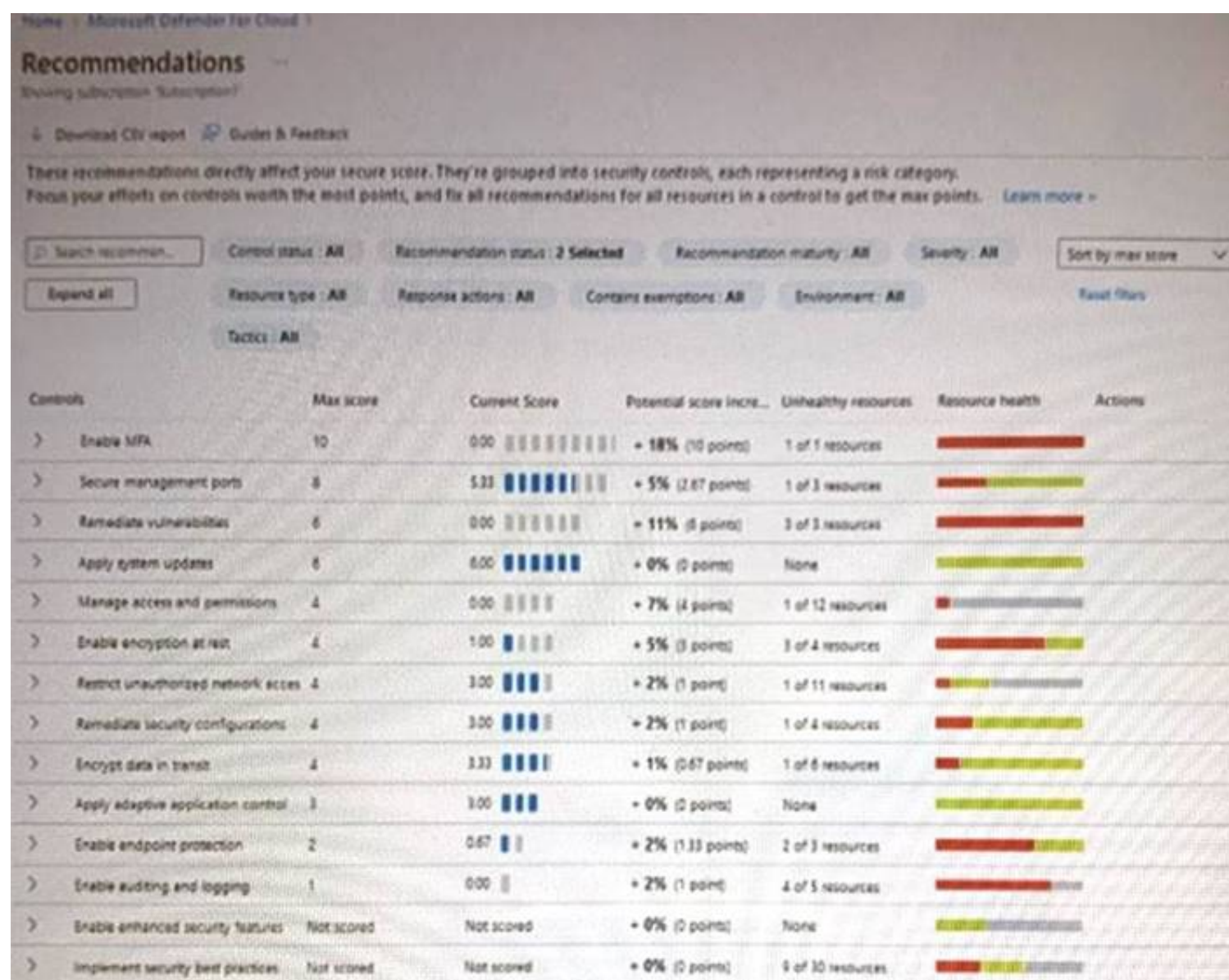
1 Assess the current situation and identify the scope.

2 Identify which line-of-business (LOB) apps are unavailable due to a ransomware incident.

3 Identify the compromise recovery process.

NEW QUESTION 10

- (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].

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

- A. Mastered
- B. Not Mastered

Answer: A

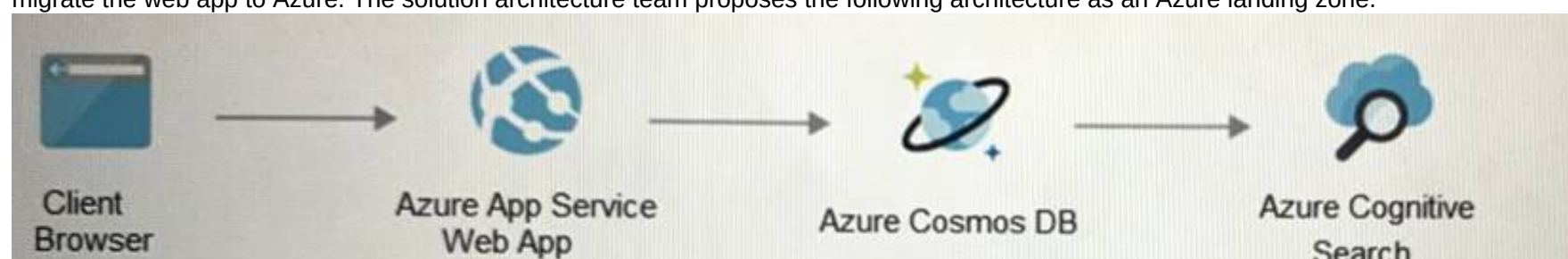
Explanation:

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 10

- (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 15

- (Exam Topic 3)

Your company plans to follow DevSecOps best practices of the Microsoft Cloud Adoption Framework for Azure.

You need to perform threat modeling by using a top-down approach based on the Microsoft Cloud Adoption Framework for Azure.

What should you use to start the threat modeling process?

- A. the STRIDE model
- B. the DREAD model
- C. OWASP threat modeling

Answer: C

NEW QUESTION 18

- (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)

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

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

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

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

Answer: AE

Explanation:

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

NEW QUESTION 27

- (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 31

- (Exam Topic 3)

For a Microsoft cloud environment, you are designing a security architecture based on the Microsoft Cloud Security Benchmark.

What are three best practices for identity management based on the Azure Security Benchmark? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Manage application identities securely and automatically.
- B. Manage the lifecycle of identities and entitlements
- C. Protect identity and authentication systems.
- D. Enable threat detection for identity and access management.
- E. Use a centralized identity and authentication system.

Answer: ACE

NEW QUESTION 34

- (Exam Topic 3)

Your company has a third-party security information and event management (SIEM) solution that uses Splunk and Microsoft Sentinel. You plan to integrate Microsoft Sentinel with Splunk.

You need to recommend a solution to send security events from Microsoft Sentinel to Splunk. What should you include in the recommendation?

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

Answer: D

Explanation:

<https://techcommunity.microsoft.com/t5/microsoft-sentinel-blog/azure-sentinel-side-by-side-with-splunk-via-ev>

NEW QUESTION 38

- (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 41

- (Exam Topic 3)

You have an Azure AD tenant that syncs with an Active Directory Domain Services (AD DS) domain. You have an on-premises datacenter that contains 100 servers. The servers run Windows Server and are backed up by using Microsoft Azure Backup Server (MABS).

You are designing a recovery solution for ransomware attacks. The solution follows Microsoft Security Best Practices.

You need to ensure that a compromised administrator account cannot be used to delete the backups. What should you do?

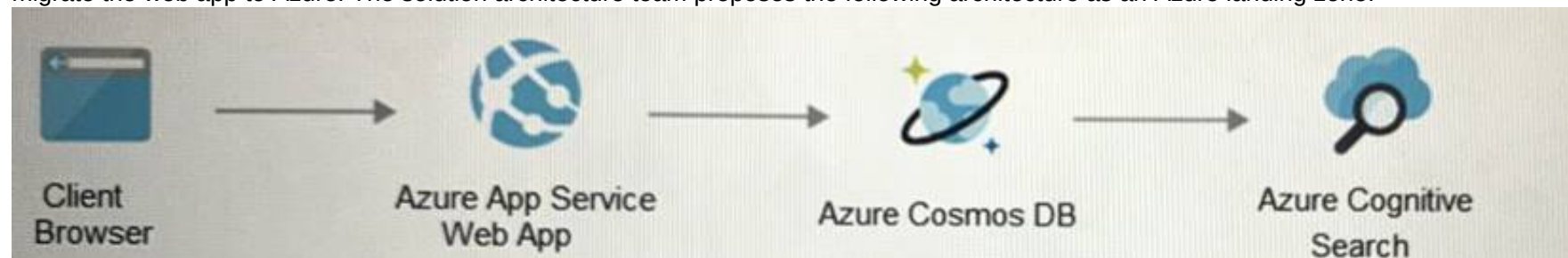
- A. From a Recovery Services vault generate a security PIN for critical operations.
- B. From Azure Backup, configure multi-user authorization by using Resource Guard.
- C. From Microsoft Azure Backup Setup, register MABS with a Recovery Services vault
- D. From Azure AD Privileged Identity Management (PIM), create a role assignment for the Backup Contributor role.

Answer: B

NEW QUESTION 42

- (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 47

- (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 48

- (Exam Topic 3)

You have a Microsoft 365 E5 subscription.

You are designing a solution to protect confidential data in Microsoft SharePoint Online sites that contain more than one million documents.

You need to recommend a solution to prevent Personally Identifiable Information (PII) from being shared.

Which two components should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. data loss prevention (DLP) policies
- B. sensitivity label policies
- C. retention label policies
- D. eDiscovery cases

Answer: AB

Explanation:

Data loss prevention in Office 365. Data loss prevention (DLP) helps you protect sensitive information and prevent its inadvertent disclosure. Examples of sensitive information that you might want to prevent from leaking outside your organization include financial data or personally identifiable information (PII) such as credit card numbers, social security numbers, or health records. With a data loss prevention (DLP) policy, you can identify, monitor, and automatically protect sensitive information across Office 365.

Sensitivity labels from Microsoft Purview Information Protection let you classify and protect your organization's data without hindering the productivity of users and their ability to collaborate. Plan for integration into a broader information protection scheme. On top of coexistence with OME, sensitivity labels can be used alongside capabilities like Microsoft Purview Data Loss Prevention (DLP) and Microsoft Defender for Cloud Apps.

<https://motionwave.com.au/keeping-your-confidential-data-secure-with-microsoft-office-365/> <https://docs.microsoft.com/en-us/microsoft-365/solutions/information-protection-deploy-protect-information?vie>

NEW QUESTION 50

- (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 53

- (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 58

- (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 63

- (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 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

Files and emails

Groups and sites

Schematized data assets

Answer Area

SharePoint Online:

Scope

Microsoft Teams:

Scope

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 66

- (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 71

- (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 74

- (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:

Azure AD tenant
Enterprise
Region and Azure AD tenant

Integrate Azure subscriptions by using:

Self-service sign-up user flows for Azure AD B2B
Self-service sign-up user flows for Azure AD B2C
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 75

- (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.

Answer Area

For connectivity from App Service web apps to virtual machines, use:

Private endpoints
Service endpoints
Virtual network integration

For connectivity from virtual machines to App Service web apps, use:

Private endpoints
Service endpoints
Virtual network integration

- 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 76

- (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 79

- (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 84

- (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 89

- (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 lockout 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 90

- (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 91

- (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

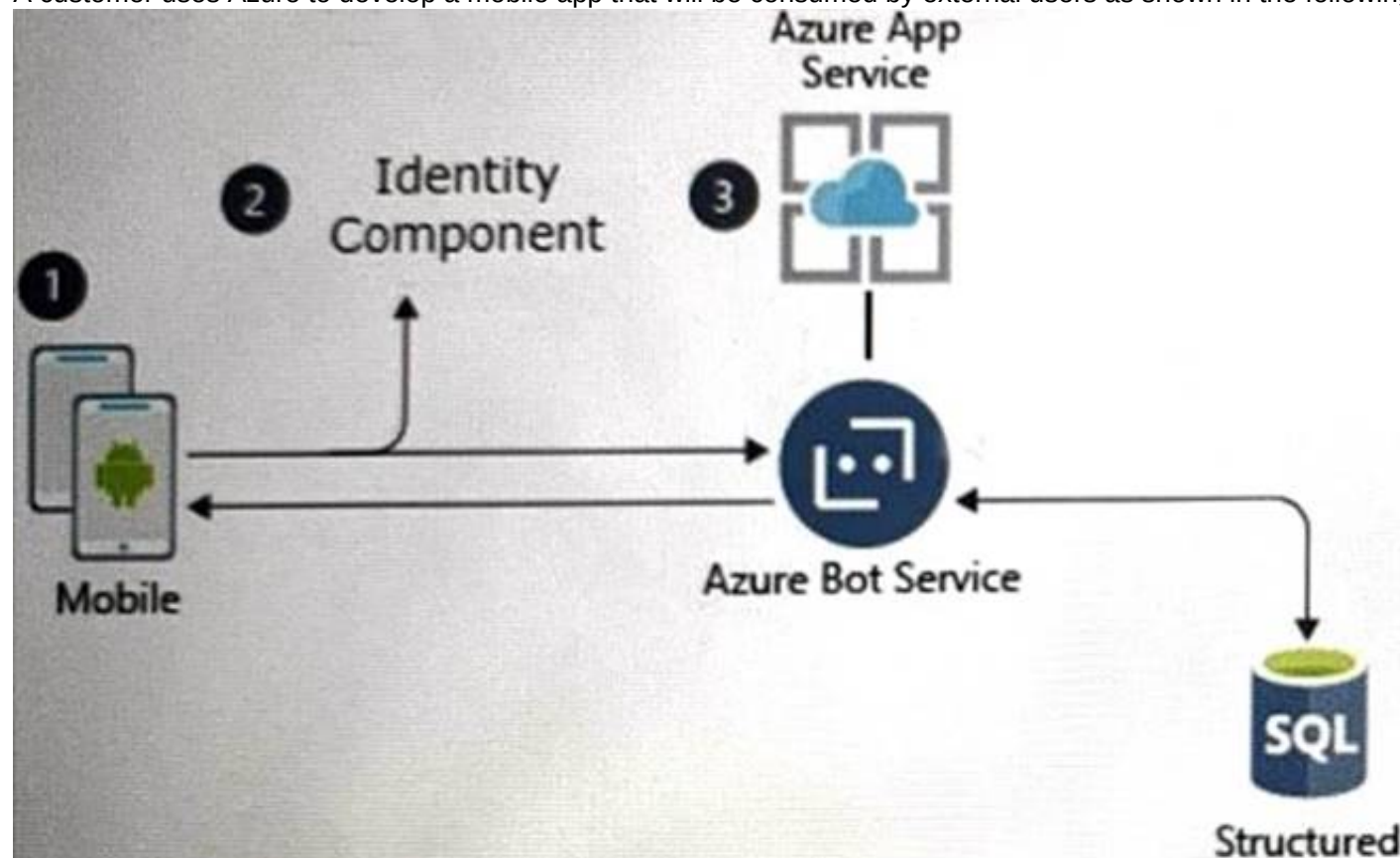
Explanation:

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

NEW QUESTION 95

- (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 100

- (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 103

- (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 105

- (Exam Topic 3)

A customer has a Microsoft 365 E5 subscription and an Azure subscription.

The customer wants to centrally manage security incidents, analyze log, audit activity, and search for potential threats across all deployed services. You need to recommend a solution for the customer. The solution must minimize costs. What should you include in the recommendation?

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

Answer: D

NEW QUESTION 108

- (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 113

- (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

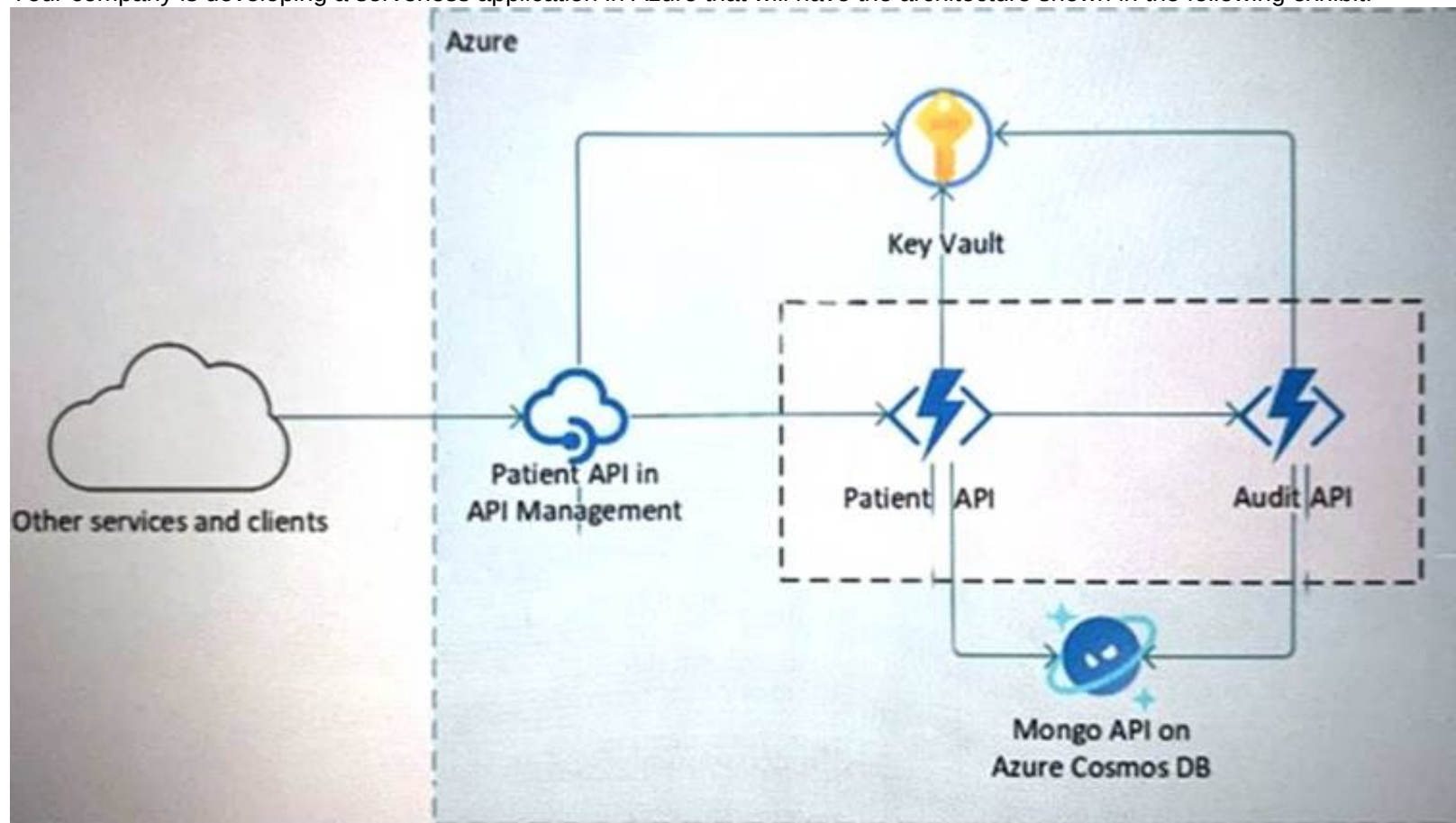
Azure Backup: Encryption by using platform-managed keys
 Access policies
 Access tiers
 Encryption by using platform-managed keys
 Immutable storage
 A security PIN

Azure Storage: Immutable storage
 Access policies
 Access tiers
 Encryption by using platform-managed keys
 Immutable storage
 A security PIN

NEW QUESTION 114

- (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 115

- (Exam Topic 3)

You have legacy operational technology (OT) devices and IoT devices.

You need to recommend best practices for applying Zero Trust principles to the OT and IoT devices based on the Microsoft Cybersecurity Reference Architectures (MCRA). The solution must minimize the risk of disrupting business operations.

Which two security methodologies should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point

- A. passive traffic monitoring
- B. active scanning
- C. threat monitoring
- D. software patching

Answer: CD

NEW QUESTION 116

- (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 to allow traffic from the backend IP address of the Front Door instance.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 117

- (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 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 Azure SQL databases, you recommend Transparent Data Encryption (TDE) that uses Microsoft-managed keys.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 122

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 125

- (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 126

- (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 129

- (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 attack 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 134

- (Exam Topic 3)

You have a Microsoft 365 subscription that syncs with Active Directory Domain Services (AD DS).

You need to define the recovery steps for a ransomware attack that encrypted data in the subscription. The solution must follow Microsoft Security Best Practices. What is the first step in the recovery plan?

- A. Disable Microsoft OneDrive sync and Exchange ActiveSync.
- B. Recover files to a cleaned computer or device.
- C. Contact law enforcement.
- D. From Microsoft Defender for Endpoint perform a security scan.

Answer: A

NEW QUESTION 137

- (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 139

- (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 144

- (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 145

- (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 148

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