

# Exam Questions SC-100

Microsoft Cybersecurity Architect

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



**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)

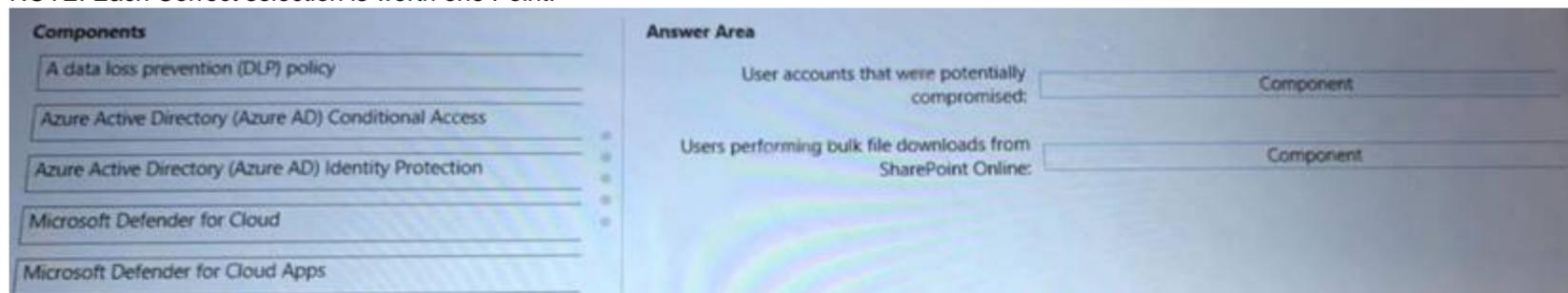
You have a Microsoft 365 subscription

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.



- 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 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 5**

- (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 6**

- (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 7**

- (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 8**

- (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. Azure Active Directory (Azure AD) Conditional Access policies
- B. a custom collector that uses the Log Analytics agent
- C. resource-based role-based access control (RBAC)

D. the Azure Monitor agent

Answer: CD

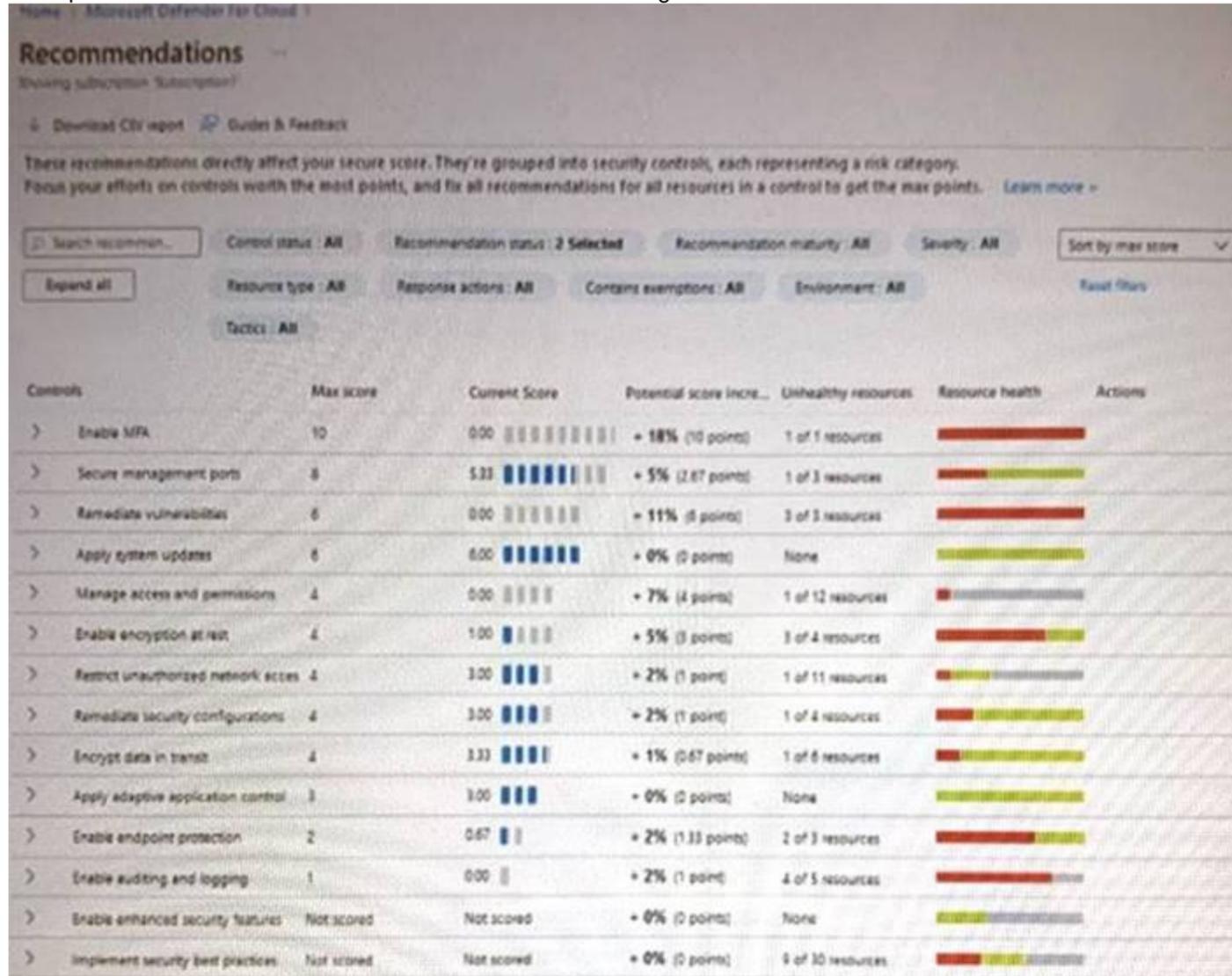
Explanation:

<https://docs.microsoft.com/en-us/azure/azure-monitor/agents/log-analytics-agent>

**NEW QUESTION 9**

- (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

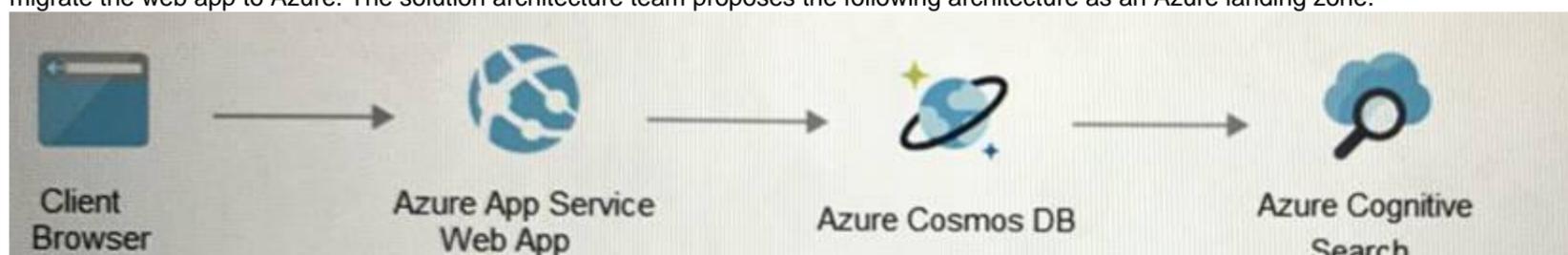
Selection 2: Microsoft Defender for servers

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

**NEW QUESTION 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 10**

- (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 14**

- (Exam Topic 3)

Your company has a Microsoft 365 E5 subscription, an Azure subscription, on-premises applications, and Active Directory Domain Services (AD DS). You need to recommend an identity security strategy that meets the following requirements:

- Ensures that customers can use their Facebook credentials to authenticate to an Azure App Service website
- Ensures that partner companies can access Microsoft SharePoint Online sites for the project to which they are assigned

The solution must minimize the need to deploy additional infrastructure components. What should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

For the customers:	<input type="checkbox"/> Azure AD B2B authentication with access package assignments <input type="checkbox"/> Azure AD B2C authentication <input type="checkbox"/> Federation in Azure AD Connect with Active Directory Federation Services <input type="checkbox"/> Pass-through authentication in Azure AD Connect <input type="checkbox"/> Password hash synchronization in Azure AD Connect
For the partners:	<input type="checkbox"/> Azure AD B2B authentication with access package assignments <input type="checkbox"/> Azure AD B2C authentication <input type="checkbox"/> Federation in Azure AD Connect with Active Directory Federation Services <input type="checkbox"/> Pass-through authentication in Azure AD Connect <input type="checkbox"/> Password hash synchronization in Azure AD Connect

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, application Description automatically generated

Box 1 --> <https://docs.microsoft.com/en-us/azure/active-directory-b2c/overview>

Box 2 --> <https://docs.microsoft.com/en-us/azure/active-directory/external-identities/identity-providers>

**NEW QUESTION 18**

- (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 23**

- (Exam Topic 3)

You are designing the security standards for a new Azure environment.

You need to design a privileged identity strategy based on the Zero Trust model. Which framework should you follow to create the design?

- A. Enhanced Security Admin Environment (ESAE)
- B. Microsoft Security Development Lifecycle (SDL)
- C. Rapid Modernization Plan (RaMP)

D. Microsoft Operational Security Assurance (OSA)

**Answer:** C

**Explanation:**

<https://docs.microsoft.com/en-us/security/compass/security-rapid-modernization-plan> This rapid modernization plan (RAMP) will help you quickly adopt Microsoft's recommended privileged access strategy.

**NEW QUESTION 28**

- (Exam Topic 3)

Azure subscription that uses Azure Storage.

The company plans to share specific blobs with vendors. You need to recommend a solution to provide the vendors with secure access to specific blobs without exposing the blobs publicly. The access must be time-limited. What should you include in the recommendation?

- A. Create shared access signatures (SAS).
- B. Share the connection string of the access key.
- C. Configure private link connections.
- D. Configure encryption by using customer-managed keys (CMKs)

**Answer:** D

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

You need to recommend a solution to limit the scope of damage of ransomware attacks without being locked out.

What should you include in the recommendations?

- A. Privileged Access Workstations (PAWs)
- B. emergency access accounts
- C. device compliance policies
- D. Customer Lockbox for Microsoft Azure

**Answer:** B

**NEW QUESTION 37**

- (Exam Topic 3)

You are planning the security levels for a security access strategy.

You need to identify which job roles to configure at which security levels. The solution must meet security best practices of the Microsoft Cybersecurity Reference Architectures (MCRA).

Which security level should you configure for each job role? 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 38**

- (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)

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

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

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

**Answer: B**

**Explanation:**

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

**NEW QUESTION 44**

- (Exam Topic 3)

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 48**

- (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 52**

- (Exam Topic 3)

You have an on-premises network that has several legacy applications. The applications perform LDAP queries against an existing directory service. You are migrating the on-premises infrastructure to a cloud-only infrastructure.

You need to recommend an identity solution for the infrastructure that supports the legacy applications. The solution must minimize the administrative effort to maintain the infrastructure.

Which identity service should you include in the recommendation?

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

**Answer:** A

**Explanation:**

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

**NEW QUESTION 56**

- (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**



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**



**NEW QUESTION 60**

- (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 65**

- (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 69**

- (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 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 74**

- (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 78**

- (Exam Topic 2)

You need to recommend a solution for securing the landing zones. The solution must meet the landing zone requirements and the business requirements. What should you configure for each landing zone?

- A. Azure DDoS Protection Standard
- B. an Azure Private DNS zone
- C. Microsoft Defender for Cloud
- D. an ExpressRoute gateway

**Answer:** D

**Explanation:**

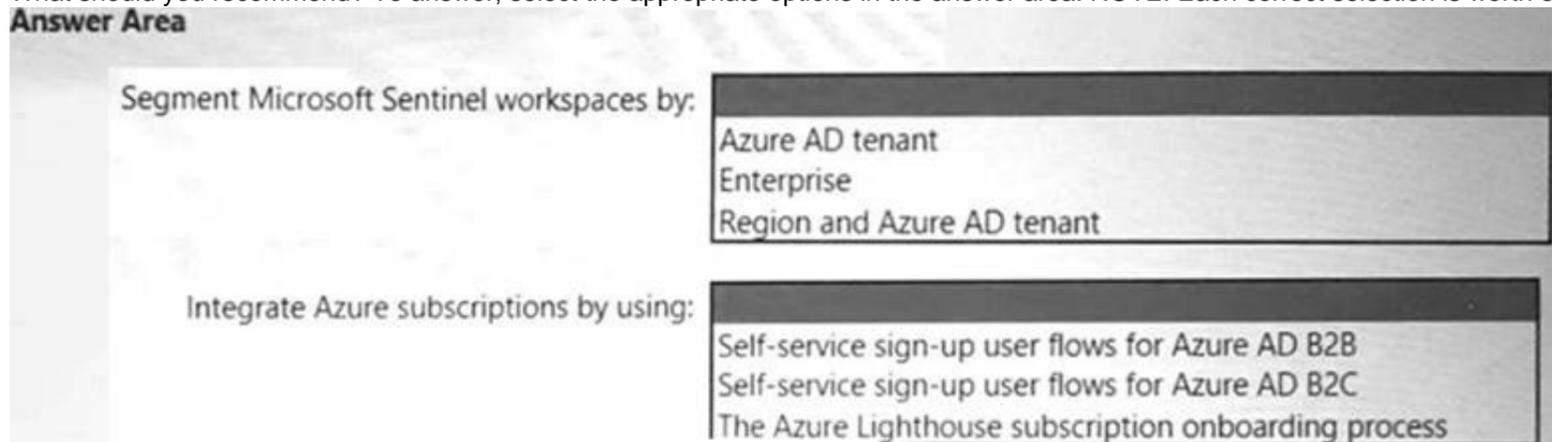
One of the stipulations is to meet the business requirements of minimizing costs. ExpressRoute is expensive. Given the landing zone requirements of  
 1) "Use a DNS namespace of litware.com"  
 2) "Ensure that the Azure virtual machines in each landing zone communicate with Azure App Service web apps in the same zone over the Microsoft backbone network, rather than over public endpoints"

**NEW QUESTION 81**

- (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.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 83**

- (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 88**

- (Exam Topic 2)

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

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

**Answer Area**

For the delegated management of users and groups, use:

- AD DS organizational units
- Azure AD administrative units
- Custom Azure AD roles

To ensure that you can perform leaked credential detection:

- Enable password hash synchronization in the Azure AD Connect deployment
- Enable Security defaults in the Azure AD tenant of Litware
- Replace pass-through authentication with Active Directory Federation Services

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

For the delegated management of users and groups, use:

- AD DS organizational units
- Azure AD administrative units
- Custom Azure AD roles

To ensure that you can perform leaked credential detection:

- Enable password hash synchronization in the Azure AD Connect deployment
- Enable Security defaults in the Azure AD tenant of Litware
- Replace pass-through authentication with Active Directory Federation Services

**NEW QUESTION 92**

- (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 94**

- (Exam Topic 1)

What should you create in Azure AD to meet the Contoso developer requirements?

**Account type for the developers:**

- A guest account in the contoso.onmicrosoft.com tenant
- A guest account in the fabrikam.onmicrosoft.com tenant
- A synced user account in the corp.fabrikam.com domain
- A user account in the fabrikam.onmicrosoft.com tenant

**Component in Identity Governance:**

- A connected organization
- An access package
- An access review
- An Azure AD role
- An Azure resource role

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: A synced user account - Need to use a synced user account.

Box 2: An access review

<https://docs.microsoft.com/en-us/azure/active-directory-domain-services/synchronization> <https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview>

**NEW QUESTION 97**

- (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 98**

- (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**

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

**NEW QUESTION 100**

- (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 105**

- (Exam Topic 3)

You are creating an application lifecycle management process based on the Microsoft Security Development Lifecycle (SDL).

You need to recommend a security standard for onboarding applications to Azure. The standard will include recommendations for application design, development, and deployment

What should you include during the application design phase?

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

Answer: C

**Explanation:**

<https://www.microsoft.com/en-us/securityengineering/sdl/threatmodeling>

**NEW QUESTION 109**

- (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

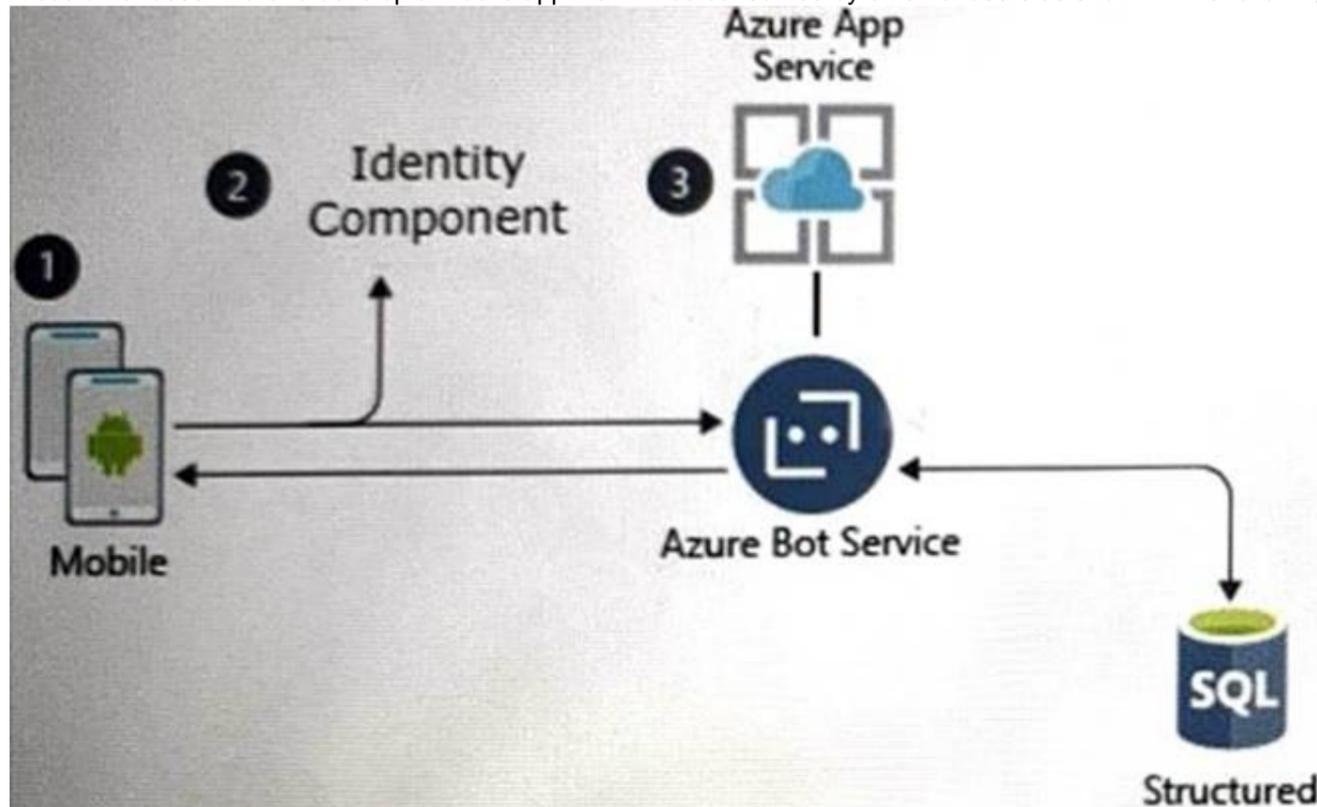
**Explanation:**

<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 111**

- (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 116**

- (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

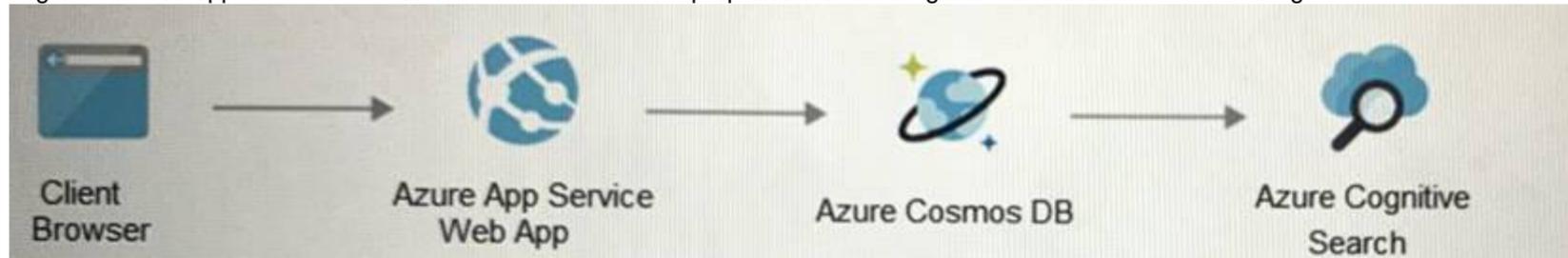
**Explanation:**

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

**NEW QUESTION 121**

- (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 122**

- (Exam Topic 3)

You have an Azure AD tenant that syncs with an Active Directory Domain Services (AD DS) domain. You are designing an Azure DevOps solution to deploy applications to an Azure subscription by using continuous integration and continuous deployment (CI/CD) pipelines.

You need to recommend which types of identities to use for the deployment credentials of the service connection. The solution must follow DevSecOps best practices from the Microsoft Cloud Adoption Framework for Azure.

What should you recommend?

- A. an Azure AD user account that has a password stored in Azure Key Vault
- B. a group managed service account (gMSA)
- C. an Azure AD user account that has role assignments in Azure AD Privileged Identity Management (PIM)
- D. a managed identity in Azure

Answer: D

**NEW QUESTION 125**

- (Exam Topic 3)

Your network contains an on-premises Active Directory Domain Services (AD DS) domain. The domain contains a server that runs Windows Server and hosts shared folders. The domain syncs with Azure AD by using Azure AD Connect. Azure AD Connect has group writeback enabled.

You have a Microsoft 365 subscription that uses Microsoft SharePoint Online.

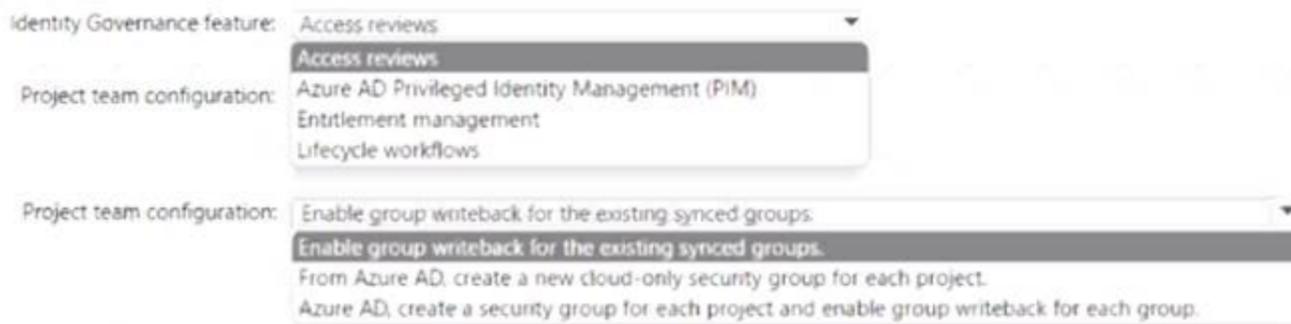
You have multiple project teams. Each team has an AD DS group that syncs with Azure AD. Each group has permissions to a unique SharePoint Online site and a Windows Server shared folder for its project. Users routinely move between project teams.

You need to recommend an Azure AD identity Governance solution that meets the following requirements:

- Project managers must verify that their project group contains only the current members of their project team
- The members of each project team must only have access to the resources of the project to which they are assigned
- Users must be removed from a project group automatically if the project manager has MOT verified the group's membership for 30 days.
- Administrative effort must be minimized.

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

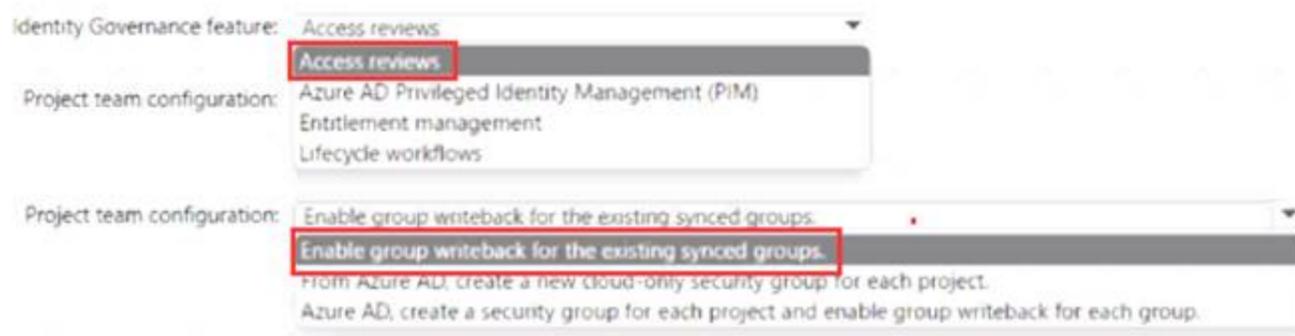


- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

## Answer Area

**NEW QUESTION 127**

- (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 130**

- (Exam Topic 3)

Your company is moving all on-premises workloads to Azure and Microsoft 365. You need to design a security orchestration, automation, and response (SOAR) strategy in Microsoft Sentinel that meets the following requirements:

- Minimizes manual intervention by security operation analysts
  - Supports Waging alerts within Microsoft Teams channels
- What should you include in the strategy?

- A. data connectors
- B. playbooks
- C. workbooks
- D. KQL

**Answer:** B

**Explanation:**

<https://docs.microsoft.com/en-us/azure/sentinel/tutorial-respond-threats-playbook?tabs=LAC>

**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 134**

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled. You are evaluating the Azure Security Benchmark V3 report as shown in the following exhibit.

Home > Microsoft Defender for Cloud

## Microsoft Defender for Cloud

Showing subscription 'Subscription1'

Download report Manage compliance policies Open query Audit reports

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

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

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

Azure Security Benchmark is applied to the subscription Subscription1

Expand all compliance controls

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

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

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

**Answer:** E

**Explanation:**

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

**NEW QUESTION 135**

- (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)

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 143

- (Exam Topic 3)

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

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

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

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

**Answer:** DE

#### Explanation:

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

#### NEW QUESTION 148

- (Exam Topic 3)

Your company plans to provision blob storage by using an Azure Storage account. The blob storage will be accessible from 20 application servers on the internet.

You need to recommend a solution to ensure that only the application servers can access the storage account. What should you recommend using to secure the blob storage?

- A. service tags in network security groups (NSGs)
- B. managed rule sets in Azure Web Application Firewall (WAF) policies
- C. inbound rules in network security groups (NSGs)
- D. firewall rules for the storage account
- E. inbound rules in Azure Firewall

**Answer:** D

#### NEW QUESTION 152

- (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 153

- (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 154**

- (Exam Topic 3)

Your company uses Azure Pipelines and Azure Repos to implement continuous integration and continuous deployment (CI/CD) workflows for the deployment of applications to Azure.

You are updating the deployment process to align with DevSecOps controls guidance in the Microsoft Cloud Adoption Framework for Azure.

You need to recommend a solution to ensure that all code changes are submitted by using pull requests before being deployed by the CI/CD workflow.

What should you include in the recommendation?

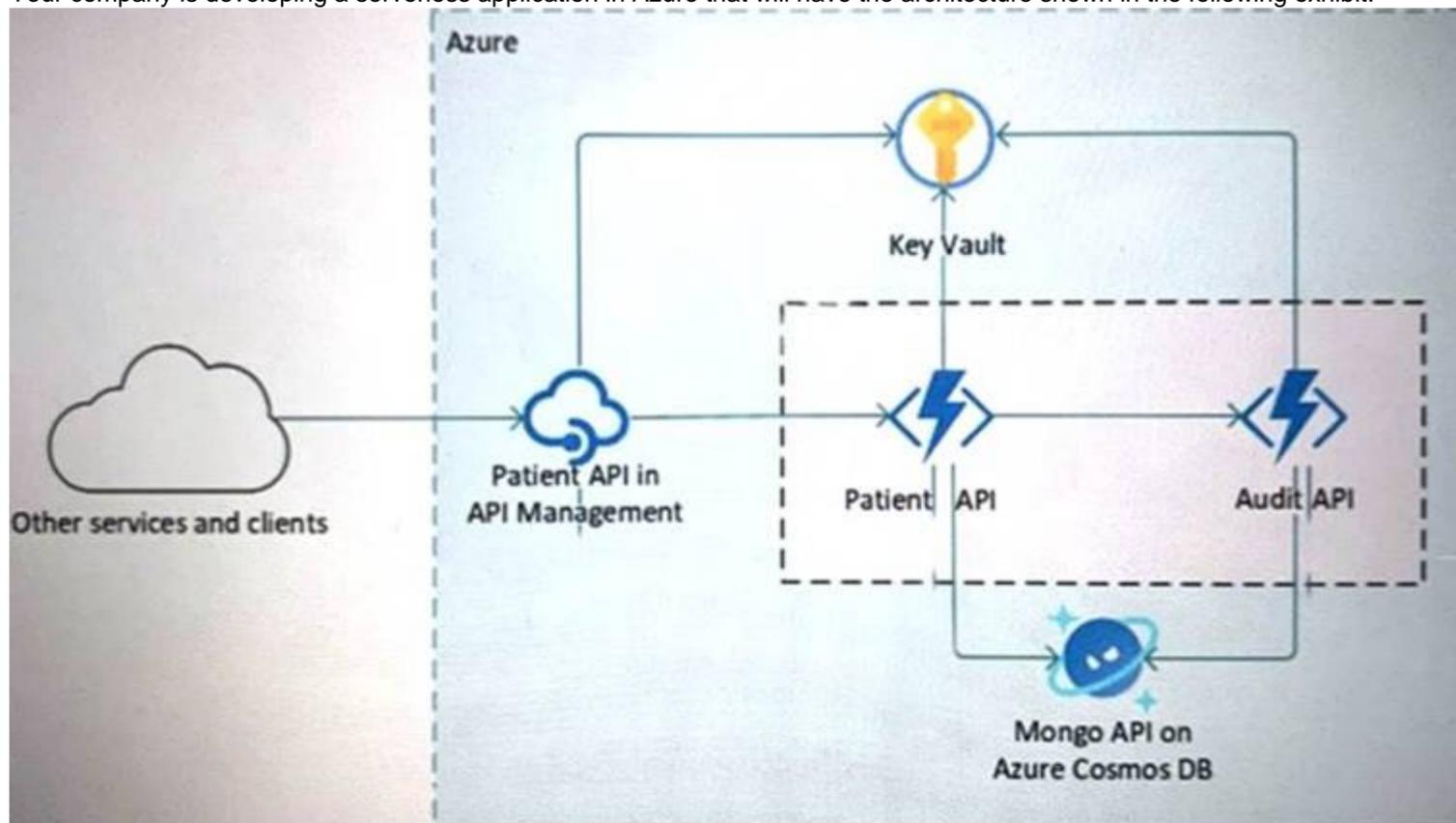
- A. custom roles in Azure Pipelines
- B. branch policies in Azure Repos
- C. Azure policies
- D. custom Azure roles

**Answer: B**

**NEW QUESTION 157**

- (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 159**

- (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 161

- (Exam Topic 3)

You have an on-premises network and a Microsoft 365 subscription. You are designing a Zero Trust security strategy. Which two security controls should you include as part of the Zero Trust solution? Each correct answer part of the solution. NOTE: Each correct answer is worth one point.

- A. Block sign-attempts from unknown location.
- B. Always allow connections from the on-premises network.
- C. Disable passwordless sign-in for sensitive account.
- D. Block sign-in attempts from noncompliant devices.

Answer: AD

#### NEW QUESTION 164

- (Exam Topic 3)

Your company has a hybrid cloud infrastructure that contains an on-premises Active Directory Domain Services (AD DS) forest, a Microsoft B65 subscription, and an Azure subscription.

The company's on-premises network contains internal web apps that use Kerberos authentication. Currently, the web apps are accessible only from the network. You have remote users who have personal devices that run Windows 11.

You need to recommend a solution to provide the remote users with the ability to access the web apps. The solution must meet the following requirements:

- Prevent the remote users from accessing any other resources on the network.
- Support Azure Active Directory (Azure AD) Conditional Access.
- Simplify the end-user experience.

What should you include in the recommendation?

- A. Azure AD Application Proxy
- B. Azure Virtual WAN
- C. Microsoft Tunnel
- D. web content filtering in Microsoft Defender for Endpoint

Answer: A

#### Explanation:

<https://docs.microsoft.com/en-us/learn/modules/configure-azure-ad-application-proxy/2-explore>

#### NEW QUESTION 168

- (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 169

- (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 171

- (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 172**

- (Exam Topic 3)

Your company has an Azure subscription that has enhanced security enabled for Microsoft Defender for Cloud. The company signs a contract with the United States government. You need to review the current subscription for NIST 800-53 compliance. What should you do first?

- A. From Defender for Cloud, review the secure score recommendations.
- B. From Microsoft Sentinel, configure the Microsoft Defender for Cloud data connector.
- C. From Defender for Cloud, review the Azure security baseline for audit report.
- D. From Defender for Cloud, add a regulatory compliance standard.

**Answer:** D

**Explanation:**

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

**NEW QUESTION 173**

- (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 176**

- (Exam Topic 3)

You have an Azure subscription. The subscription contains 50 virtual machines that run Windows Server and 50 virtual machines that run Linux. You need to perform vulnerability assessments on the virtual machines. The solution must meet the following requirements:

- Identify missing updates and insecure configurations.
- Use the Qualys engine. What should you use?

- A. Microsoft Defender for Servers
- B. Microsoft Defender Threat Intelligence (Defender TI)
- C. Microsoft Defender for Endpoint
- D. Microsoft Defender External Attack Surface Management (Defender EASM)

**Answer:** A

**NEW QUESTION 181**

- (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 183**

- (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 185**

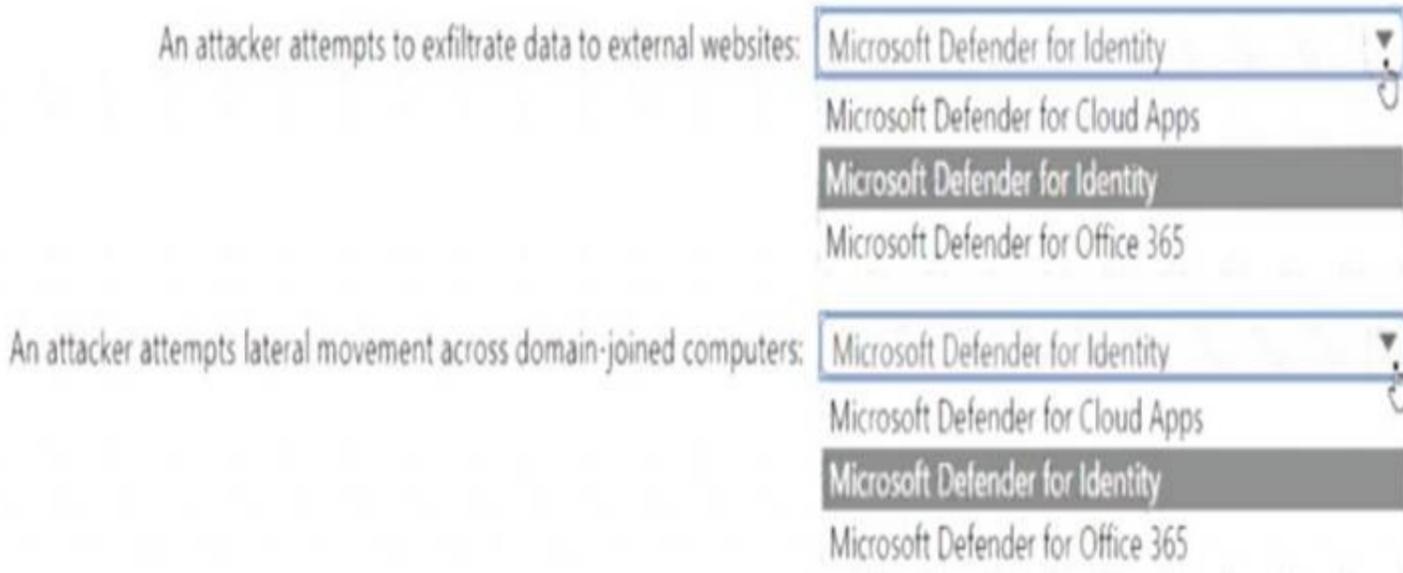
- (Exam Topic 3)

For a Microsoft cloud environment, you are designing a security architecture based on the Microsoft Cybersecurity Reference Architectures (MCRA). You need to protect against the following external threats of an attack chain:

- An attacker attempts to exfiltrate data to external websites.
- An attacker attempts lateral movement across domain-joined computers.

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

**Answer Area**

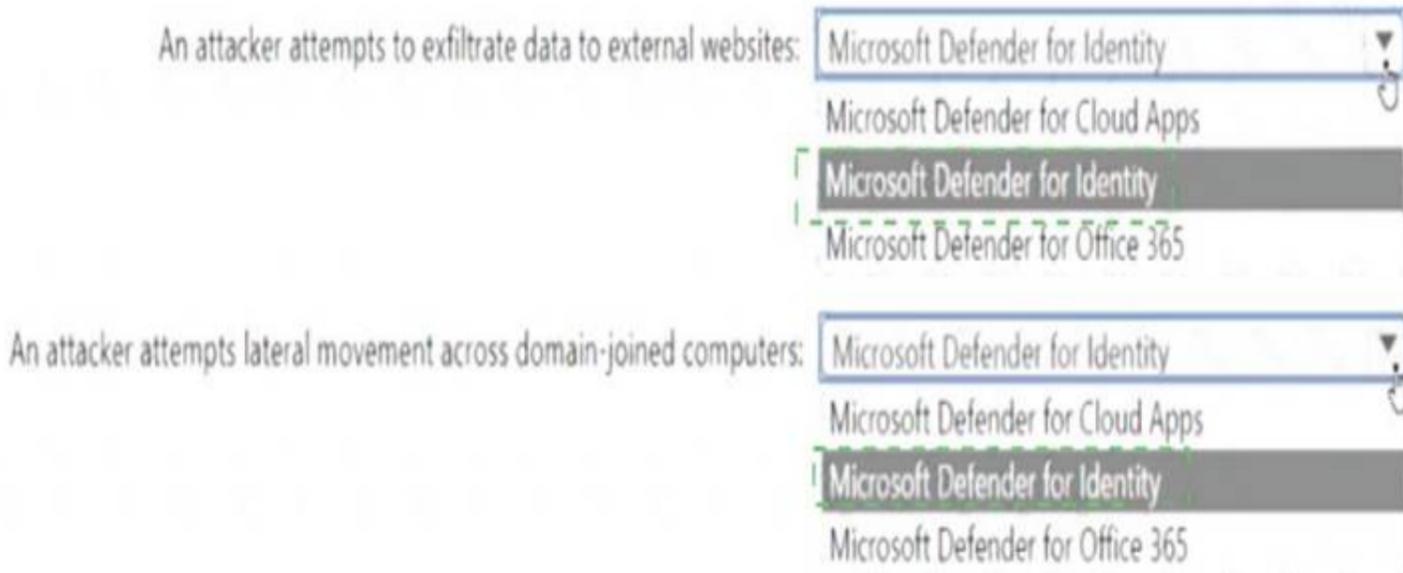


- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**



**NEW QUESTION 186**

- (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.

**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.

**Answer Area**

- Establish visibility.
- Enable additional protection and detection controls.
- Enable automation.

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**NEW QUESTION 188**

- (Exam Topic 3)

You have an Azure subscription that contains a Microsoft Sentinel workspace.

Your on-premises network contains firewalls that support forwarding event logs in the Common Event Format (CEF). There is no built-in Microsoft Sentinel connector for the firewalls

You need to recommend a solution to ingest events from the firewalls into Microsoft Sentinel. What should you include in the recommendation?

- A. an Azure logic app
- B. an on-premises Syslog server
- C. an on-premises data gateway
- D. Azure Data Factory

**Answer:** B

**NEW QUESTION 192**

- (Exam Topic 3)

You plan to automate the development and deployment of a Node.js-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:

GitHub Enterprise Cloud ▼
 

- GitHub Enterprise Cloud
- GitHub Enterprise Server
- GitHub Team

To automatically generate pull requests:

Dependabot ▼
 

- Codespaces
- Dependabot
- Dependency Tracker

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

A close up of a text Description automatically generated

**NEW QUESTION 196**

- (Exam Topic 3)

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

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

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

- Log all privileged access.
- Retain logs for at least 365 days.
- Minimize costs.

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

**Answer Area**

For the SQL audit logs:	A Log Analytics workspace Azure Application Insights Microsoft Defender for SQL Microsoft Sentinel
For the Security logs:	A Log Analytics workspace Application Insights Microsoft Defender for servers Microsoft Sentinel
For the App Service audit logs:	A Log Analytics workspace Application Insights Microsoft Defender for App Service Microsoft Sentinel

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

**Answer Area**

For the SQL audit logs:	A Log Analytics workspace Azure Application Insights Microsoft Defender for SQL Microsoft Sentinel
For the Security logs:	A Log Analytics workspace Application Insights Microsoft Defender for servers Microsoft Sentinel
For the App Service audit logs:	A Log Analytics workspace Application Insights Microsoft Defender for App Service Microsoft Sentinel

**NEW QUESTION 199**

- (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 202**

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

Does this meet the goal?

- A. Yes

B. No

**Answer:** A

**NEW QUESTION 205**

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