

# Microsoft

## Exam Questions SC-100

Microsoft Cybersecurity Architect



#### NEW QUESTION 1

- (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 2

- (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 3

- (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:** AD

#### Explanation:

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

#### NEW QUESTION 4

- (Exam Topic 2)

You need to design a strategy for securing the SharePoint Online and Exchange Online data. The solution must meet the application security requirements. Which two services should you leverage in the strategy? Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

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

**Answer:** BE

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

**NEW QUESTION 5**

- (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 6**

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

**Answer Area**

To centralize subscription management:

Azure AD B2B

Azure AD B2C

Azure Lighthouse

To enable the management of on-premises resources:

Azure Arc

Azure Stack Edge

Azure Stack Hub

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

To centralize subscription management:

Azure AD B2B

Azure AD B2C

Azure Lighthouse

To enable the management of on-premises resources:

Azure Arc

Azure Stack Edge

Azure Stack Hub

**NEW QUESTION 7**

- (Exam Topic 2)  
You need to recommend 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 8**

- (Exam Topic 2)  
You need to recommend a solution to evaluate regulatory compliance across the entire managed environment. The solution must meet the regulatory compliance requirements and the business 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**

Evaluate regulatory compliance of cloud resources by assigning:

Azure Policy definitions to management groups

Azure Policy initiatives to management groups

Azure Policy initiatives to subscriptions

Evaluate regulatory compliance of on-premises resources by using:

Azure Arc

Group Policy

PowerShell Desired State Configuration (DSC)

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

**Answer Area**

Evaluate regulatory compliance of cloud resources by assigning:

Azure Policy definitions to management groups

Azure Policy initiatives to management groups

Azure Policy initiatives to subscriptions

Evaluate regulatory compliance of on-premises resources by using:

Azure Arc

Group Policy

PowerShell Desired State Configuration (DSC)

**NEW QUESTION 9**

- (Exam Topic 2)  
You need to recommend a strategy for securing the litware.com forest. The solution must meet the identity requirements. What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE; Each correct selection is worth one point.

**Answer Area**

For Azure AD-targeted threats:

Azure AD Identity Protection

Azure AD Password Protection

Microsoft Defender for Cloud

For AD DS-targeted threats:

An account lockout policy in AD DS

Microsoft Defender for Endpoint

Microsoft Defender for Identity



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

\* 1. Azure AD Identity Protection Brute Force Detection:  
<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/overview-identity-protection>  
\* 2. Defender for Identity  
MDI can detect brute force attacks: ref:  
<https://docs.microsoft.com/en-us/defender-for-identity/compromised-credentials-alerts#suspected-brute-force-at>

NEW QUESTION 10

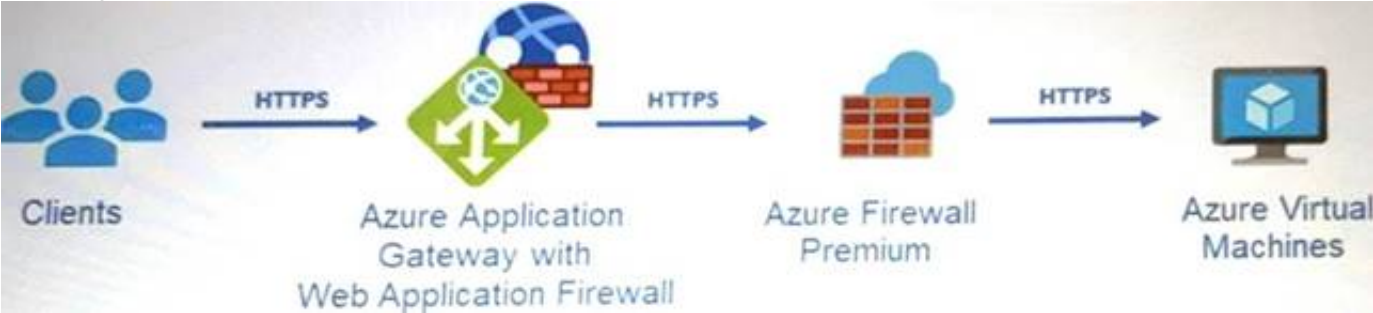
- (Exam Topic 3)  
Azure subscription that uses Azure Storage.  
The company plans to share specific blobs with vendors. You need to recommend a solution to provide the vendors with secure access to specific blobs without exposing the blobs publicly. The access must be time-limited. What should you include 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 10

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



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

- Integrate Azure Web Application Firewall (WAF) logs with Microsoft Sentinel.
- Use Defender for Cloud to review alerts from the virtual machines.

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

**Answer Area**

	For WAF:
	<input type="checkbox"/> The Azure Diagnostics extension
	<input type="checkbox"/> Azure Network Watcher
	<input type="checkbox"/> Data connectors
	<input type="checkbox"/> Workflow automation

	For the virtual machines:
	<input type="checkbox"/> The Azure Diagnostics extension
	<input type="checkbox"/> Azure Storage Analytics
	<input type="checkbox"/> Data connectors
	<input type="checkbox"/> The Log Analytics agent
	<input type="checkbox"/> Workflow automation

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface Description automatically generated

NEW QUESTION 13

- (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 15**

- (Exam Topic 3)

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

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

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

Windows 11 devices:

Microsoft 365 compliance center

Microsoft 365 Defender

Microsoft Defender for Cloud

Microsoft Sentinel

Azure virtual machines:

Microsoft 365 compliance center

Microsoft 365 Defender

Microsoft Defender for Cloud

Microsoft Sentinel

Azure Storage accounts:

Microsoft 365 compliance center

Microsoft 365 Defender

Microsoft Defender for Cloud

Microsoft Sentinel

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Selection 1: Microsoft 365 Defender (Microsoft Defender for Endpoint is part of it). Selection 2: Microsoft Defender for Cloud. Selection 3: Microsoft Defender for Cloud.

<https://docs.microsoft.com/en-us/learn/modules/design-strategy-for-secure-paas-iaas-saas-services/8-specify-sec>

**NEW QUESTION 18**

- (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 20**

- (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 23

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled. You have an Amazon Web Services (AWS) implementation.

You plan to extend the Azure security strategy to the AWS implementation. The solution will NOT use Azure Arc. Which three services can you use to provide security for the AWS resources? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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

**Answer:** BDE

#### Explanation:

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

#### NEW QUESTION 28

- (Exam Topic 3)

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

In the Secure management ports controls, you discover that you have 0 out of a potential 8 points.

You need to recommend configurations to increase the score of the Secure management ports controls. Solution: You recommend enabling just-in-time (JIT) VM access on all virtual machines.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

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

#### NEW QUESTION 32

- (Exam Topic 3)

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

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

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

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

How should you recommend enabling each capability? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

EDR:	<ul style="list-style-type: none"><li>Add a Microsoft Sentinel data connector for Azure Active Directory (Azure AD).</li><li>Add a Microsoft Sentinel data connector for Microsoft Defender for Cloud Apps.</li><li>Onboard the servers to Azure Arc.</li><li>Onboard the servers to Defender for Cloud.</li></ul>
SOAR:	<ul style="list-style-type: none"><li>Configure Microsoft Sentinel analytics rules.</li><li>Configure Microsoft Sentinel playbooks.</li><li>Configure regulatory compliance standards in Defender for Cloud.</li><li>Configure workflow automation in Defender for Cloud.</li></ul>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

For SOAR read this <https://docs.microsoft.com/en-us/azure/sentinel/automate-responses-with-playbooks> Endpoint detection and response (EDR) and eXtended detection and response (XDR) are both part of

Microsoft Defender.

<https://docs.microsoft.com/en-us/microsoft-365/security/defender/eval-overview?view=o365-worldwide>



### NEW QUESTION 33

- (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 34

- (Exam Topic 3)

Your company has a Microsoft 365 E5 subscription.

The Chief Compliance Officer plans to enhance privacy management in the working environment. You need to recommend a solution to enhance the privacy management. The solution must meet the following requirements:

- Identify unused personal data and empower users to make smart data handling decisions.
- Provide users with notifications and guidance when a user sends personal data in Microsoft Teams.
- Provide users with recommendations to mitigate privacy risks. What should you include in the recommendation?

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

**Answer: C**

#### Explanation:

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

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

### NEW QUESTION 37

- (Exam Topic 3)

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

In the Secure management ports controls, you discover that you have 0 out of a potential 8 points. You need to recommend configurations to increase the score of the Secure management ports controls. Solution: You recommend enabling adaptive network hardening. Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

#### Explanation:

JIT:

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

Adaptive Network Hardening:

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

### NEW QUESTION 40

- (Exam Topic 3)

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

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

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

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

**Answer: AB**

#### Explanation:

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



#### NEW QUESTION 44

- (Exam Topic 3)

Your company is preparing for cloud adoption.

You are designing security for Azure landing zones.

Which two preventative controls can you implement to increase the secure score? Each NOTE: Each correct selection is worth one point.

- A. Azure Firewall
- B. Azure Web Application Firewall (WAF)
- C. Microsoft Defender for Cloud alerts
- D. Azure Active Directory (Azure AD Privileged Identity Management (PIM)
- E. Microsoft Sentinel

**Answer:** AB

#### **Explanation:**

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

#### NEW QUESTION 48

- (Exam Topic 3)

Your company has a Microsoft 365 E5 subscription.

Users use Microsoft Teams, Exchange Online, SharePoint Online, and OneDrive for sharing and collaborating. The company identifies protected health information (PHI) within stored documents and communications. What should you recommend using to prevent the PHI from being shared outside the company?

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

**Answer:** B

#### **Explanation:**

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

#### NEW QUESTION 53

- (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 55

- (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 60

- (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 62**

- (Exam Topic 3)

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

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

**Answer:** AE

**Explanation:**

<https://docs.microsoft.com/en-us/azure/active-directory-b2c/threat-management>

<https://docs.microsoft.com/en-us/azure/active-directory-b2c/conditional-access-user-flow?pivots=b2c-user-flow>

**NEW QUESTION 67**

- (Exam Topic 3)

You need to recommend a strategy for routing internet-bound traffic from the landing zones. The solution must meet the landing zone requirements. What should you recommend as part of the landing zone deployment?

- A. service chaining
- B. local network gateways
- C. forced tunneling
- D. a VNet-to-VNet connection

**Answer:** A

**Explanation:**

<https://docs.microsoft.com/en-us/learn/modules/configure-vnet-peering/5-determine-service-chaining-uses>

**NEW QUESTION 71**

- (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 75**

- (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:** AB

**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 80

- (Exam Topic 3)

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

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

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

NOTE: Each correct selection is worth one point.

Answer Area

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

- 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 81

- (Exam Topic 3)

Your company is migrating data to Azure. The data contains Personally Identifiable Information (PII). The company plans to use Microsoft Information Protection for the PII data store in Azure. You need to recommend a solution to discover PII data at risk in the Azure resources.

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

To connect the Azure data sources to

Microsoft Information Protection:

Azure Purview

Endpoint data loss prevention

Microsoft Defender for Cloud Apps

Microsoft Information Protection

To triage security alerts related to resources that contain PII data:

Azure Monitor

Endpoint data loss prevention

Microsoft Defender for Cloud

Microsoft Defender for Cloud Apps

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Prioritize security actions by data sensitivity,

<https://docs.microsoft.com/en-us/azure/defender-for-cloud/information-protection>. As to Azure SQL Database Azure SQL Managed Instance Azure Synapse



Analytics (Azure resources as well): <https://docs.microsoft.com/en-us/azure/azure-sql/database/data-discovery-and-classification-overview?view=azu>

**NEW QUESTION 83**

- (Exam Topic 3)

You are designing security for a runbook in an Azure Automation account. The runbook will copy data to Azure Data Lake Storage Gen2.

You need to recommend a solution to secure the components of the copy process.

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

Data security:

Access keys stored in Azure Key Vault

Automation Contributor built-in role

Azure Private Link with network service tags

Azure Web Application Firewall rules with network service tags

Network access control:

Access keys stored in Azure Key Vault

Automation Contributor built-in role

Azure Private Link with network service tags

Azure Web Application Firewall rules with network service tags

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Data Security = Access Keys stored in Azure Key Vault

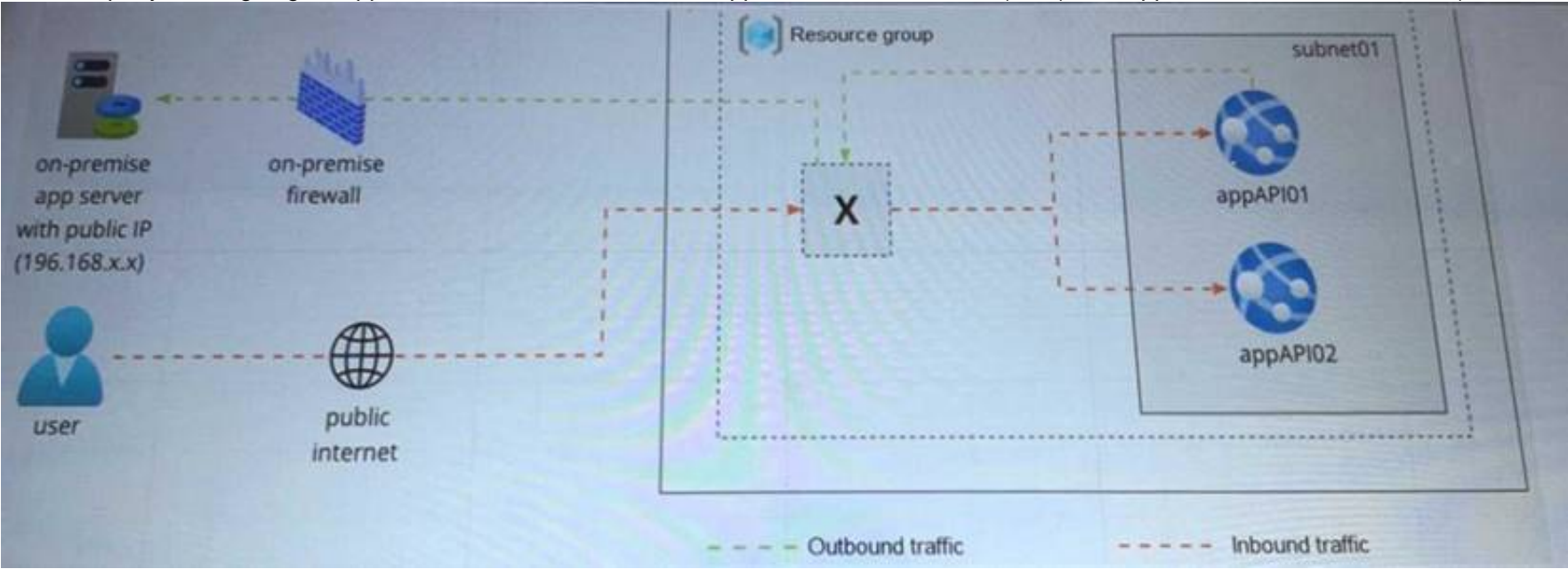
Network access control = Azure Private Link with network service tags

<https://docs.microsoft.com/en-us/azure/automation/automation-security-guidelines#data-security>

**NEW QUESTION 87**

- (Exam Topic 3)

Your company is designing an application architecture for Azure App Service Environment (ASE) web apps as shown in the exhibit. (Click the Exhibit tab.)



Communication between the on-premises network and Azure uses an ExpressRoute connection.

You need to recommend a solution to ensure that the web apps can communicate with the on-premises application server. The solution must minimize the number of public IP addresses that are allowed to access the on-premises network. What should you include in the recommendation?

- A. Azure Traffic Manager with priority traffic-routing methods
- B. Azure Application Gateway v2 with user-defined routes (UDRs).
- C. Azure Front Door with Azure Web Application Firewall (WAF)
- D. Azure Firewall with policy rule sets

**Answer:** C

**Explanation:**

<https://docs.microsoft.com/en-us/azure/web-application-firewall/afds/afds-overview>

**NEW QUESTION 88**

- (Exam Topic 3)

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

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

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

NOTE: Each correct selection is worth one point.

**Answer Area**

Git workflow:

Secure deployment credentials:

**Git workflow options:**

- Azure Key Vault
- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

**Secure deployment credentials options:**

- Protected branches
- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

A. Mastered

B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

Git workflow:

Secure deployment credentials:

**Git workflow options:**

- Azure Key Vault
- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

**Secure deployment credentials options:**

- Protected branches
- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

#### NEW QUESTION 91

- (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?view=>

#### NEW QUESTION 95

- (Exam Topic 3)

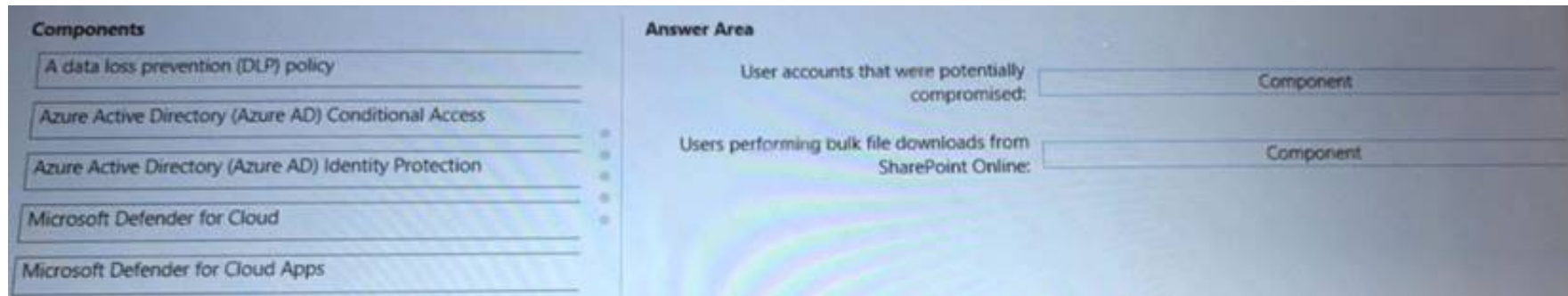
You have a Microsoft 365 subscription

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 99**

- (Exam Topic 3)

You have a customer that has a Microsoft 365 subscription and uses the Free edition of Azure Active Directory (Azure AD)

The customer plans to obtain an Azure subscription and provision several Azure resources. You need to evaluate the customer's security environment.

What will necessitate an upgrade from the Azure AD Free edition to the Premium edition?

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

**Answer:** B

**Explanation:**

(<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>) <https://www.microsoft.com/en-us/security/business/identity-access/azure-active-directory-pricing?rtc=1>

**NEW QUESTION 101**

- (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 104**

- (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 107**

- (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 110

- (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 111

- (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 113

- (Exam Topic 3)

Your company has a hybrid cloud infrastructure.

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

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

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

What should you include in the recommendation?

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

**Answer:** D

#### Explanation:

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

#### NEW QUESTION 118

- (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:

For the Security logs:

A Log Analytics workspace  
 Application Insights  
 Microsoft Defender for servers  
 Microsoft Sentinel

For the App Service audit logs:

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:

For the Security logs:

A Log Analytics workspace  
 Application Insights

For the App Service audit logs:

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 120**

- (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 125**

- (Exam Topic 3)

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

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

Answer: C

**NEW QUESTION 127**

- (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 129**

- (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 133**

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