



# Microsoft

## Exam Questions SC-100

Microsoft Cybersecurity Architect

NEW QUESTION 1

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled. You are evaluating the Azure Security Benchmark V3 report. In the Secure management ports controls, you discover that you have 0 out of a potential 8 points. You need to recommend configurations to increase the score of the Secure management ports controls.  
Solution: You recommend onboarding all virtual machines to Microsoft Defender for Endpoint. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

NEW QUESTION 2

- (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 3

- (Exam Topic 3)

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

Actions

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

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

Assess the current situation and identify the scope.

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

Identify the compromise recovery process.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

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

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

Answer Area

1 Assess the current situation and identify the scope.

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

3 Identify the compromise recovery process.

NEW QUESTION 4

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled. Suspicious authentication activity alerts have been appearing in the Workload protections dashboard.

You need to recommend a solution to evaluate and remediate the alerts by using workflow automation. The solution must minimize development effort. What should you include in the recommendation?

- A. Azure Monitor webhooks
- B. Azure Logics Apps
- C. Azure Event Hubs
- D. Azure Functions apps

**Answer: B**

**Explanation:**

The workflow automation feature of Microsoft Defender for Cloud feature can trigger Logic Apps on security alerts, recommendations, and changes to regulatory compliance. Note: Azure Logic Apps is a cloud-based platform for creating and running automated workflows that integrate your apps, data, services, and systems. With this platform, you can quickly develop highly scalable integration solutions for your enterprise and business-to-business (B2B) scenarios.

**NEW QUESTION 5**

- (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 6**

- (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**



Job Role	Security Level
Developer	Specialized security
Standard user	Enterprise security
IT administrator	Privileged security

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

#### Answer Area



#### NEW QUESTION 7

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

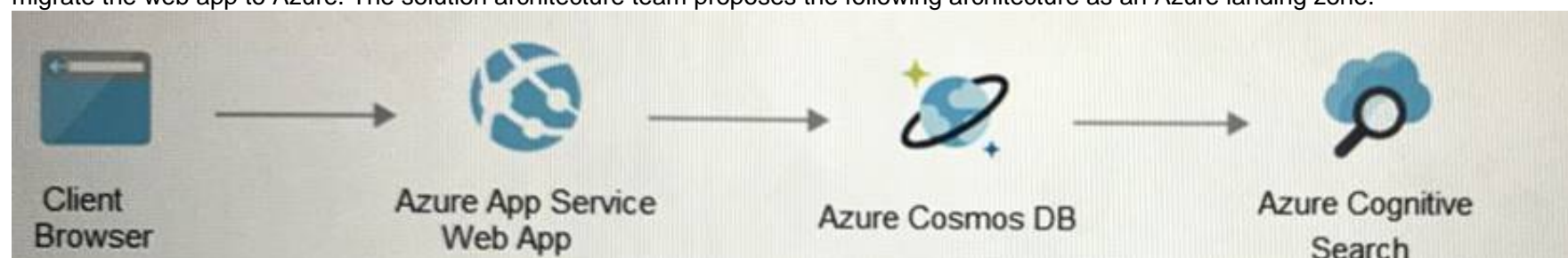
- A. Configure Azure Active Directory (Azure AD) Conditional Access policies.
- B. Use the Azure Monitor agent with the multi-homing configuration.
- C. Implement resource-based role-based access control (RBAC) in Microsoft Sentinel.
- D. Create a custom collector that uses the Log Analytics agent.

**Answer:** BC

#### NEW QUESTION 8

- (Exam Topic 3)

Your on-premises network contains an e-commerce web app that was developed in Angular and Nodejs. The web app uses a MongoDB database. You plan to migrate the web app to Azure. The solution architecture team proposes the following architecture as an Azure landing zone.



You need to provide recommendations to secure the connection between the web app and the database. The solution must follow the Zero Trust model.

Solution: You recommend creating private endpoints for the web app and the database layer. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

When using Azure-provided PaaS services (e.g., Azure Storage, Azure Cosmos DB, or Azure Web App, use the PrivateLink connectivity option to ensure all data exchanges are over the private IP space and the traffic never leaves the Microsoft network.

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

#### NEW QUESTION 9

- (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 10



- (Exam Topic 3)

You have a multi-cloud environment that contains an Azure subscription and an Amazon Web Services (AWS) account.

You need to implement security services in Azure to manage the resources in both subscriptions. The solution must meet the following requirements:

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

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

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

#### NEW QUESTION 10

- (Exam Topic 3)

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

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

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

Answer Area

To enable Azure AD authentication for App1, use:

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

To implement access requests for App1, use:

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1 is the Azure AD Application

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

Box 2 is Access Package in Identity Governance

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

#### NEW QUESTION 12

- (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 17**

- (Exam Topic 3)

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

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

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

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 22**

- (Exam Topic 3)

Your company has a Microsoft 365 E5 subscription.

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

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

**Answer:** C

**Explanation:**

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

**NEW QUESTION 24**

- (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:	<input checked="" type="checkbox"/> Azure Policy definitions to management groups <input checked="" type="checkbox"/> Azure Policy initiatives to management groups <input checked="" type="checkbox"/> Azure Policy initiatives to subscriptions
Evaluate regulatory compliance of on-premises resources by using:	<input checked="" type="checkbox"/> Azure Arc <input checked="" type="checkbox"/> Group Policy <input checked="" type="checkbox"/> 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 28

- (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 32

- (Exam Topic 1)

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

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

**Answer:** A

#### Explanation:

The security requirement this question wants us to meet is "The secure host must be provisioned from a custom operating system image."

<https://docs.microsoft.com/en-us/azure/virtual-desktop/set-up-golden-image>

#### NEW QUESTION 34

- (Exam Topic 1)

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

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

NOTE: Each correct selection is worth one point.

**Answer Area**

ClaimsDB must be accessible only from Azure virtual networks:

- A NAT gateway
- A network security group
- A private endpoint
- A service endpoint

The app services permission for ClaimsApp must be assigned to ClaimsDB:

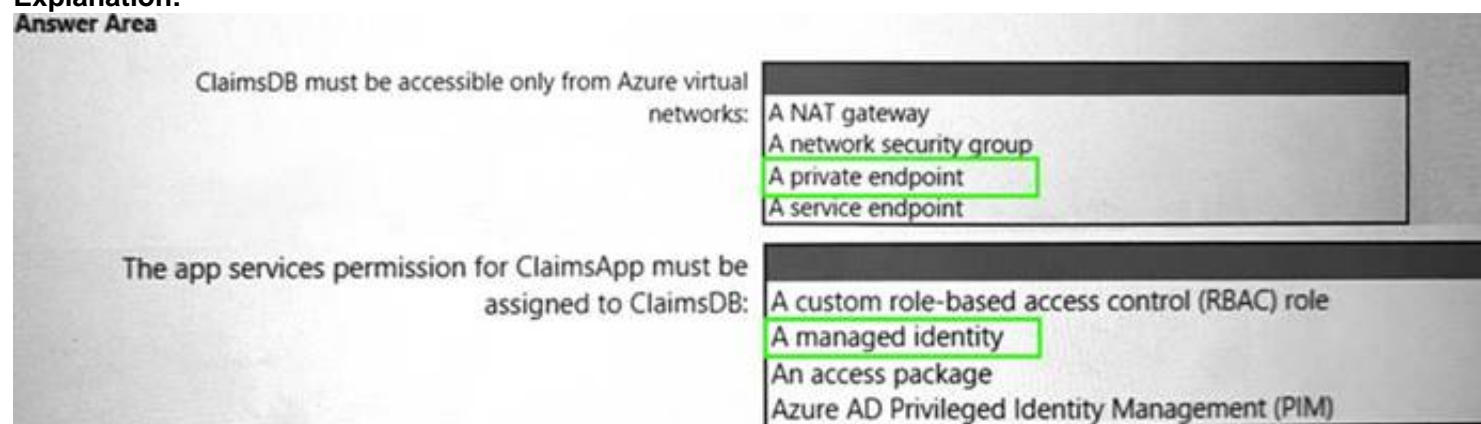
- A custom role-based access control (RBAC) role
- A managed identity
- An access package
- Azure AD Privileged Identity Management (PIM)



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



#### NEW QUESTION 37

- (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 39

- (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

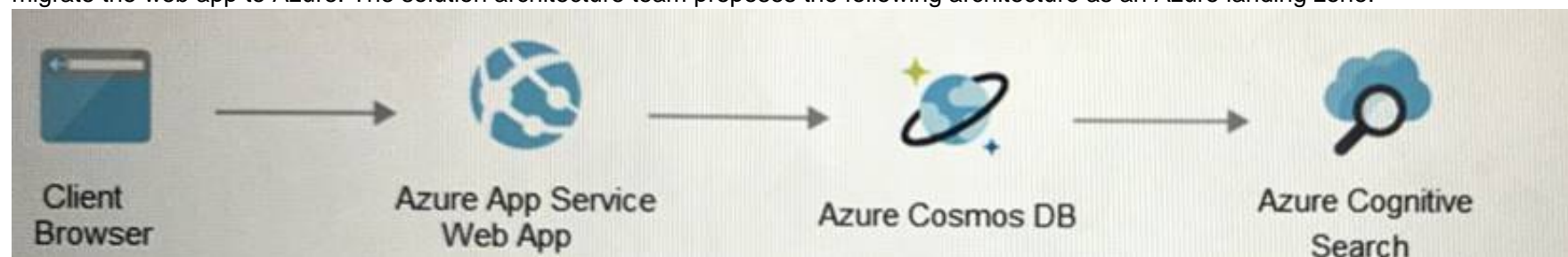
**Explanation:**

<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 44

- (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 45

- (Exam Topic 3)

You have a Microsoft 365 tenant.

Your company uses a third-party software as a service (SaaS) app named App1 that is integrated with an Azure AD tenant. You need to design a security strategy to meet the following requirements:

- Users must be able to request access to App1 by using a self-service request.
- When users request access to App1, they must be prompted to provide additional information about their request.
- Every three months, managers must verify that the users still require access to App1. What should you include in the design?

- A. Azure AD Application Proxy
- B. connected apps in Microsoft Defender for Cloud Apps
- C. Microsoft Entra Identity Governance
- D. access policies in Microsoft Defender for Cloud Apps

**Answer:** C

#### NEW QUESTION 49

- (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 51

- (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 54

- (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 59

- (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 63

- (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?

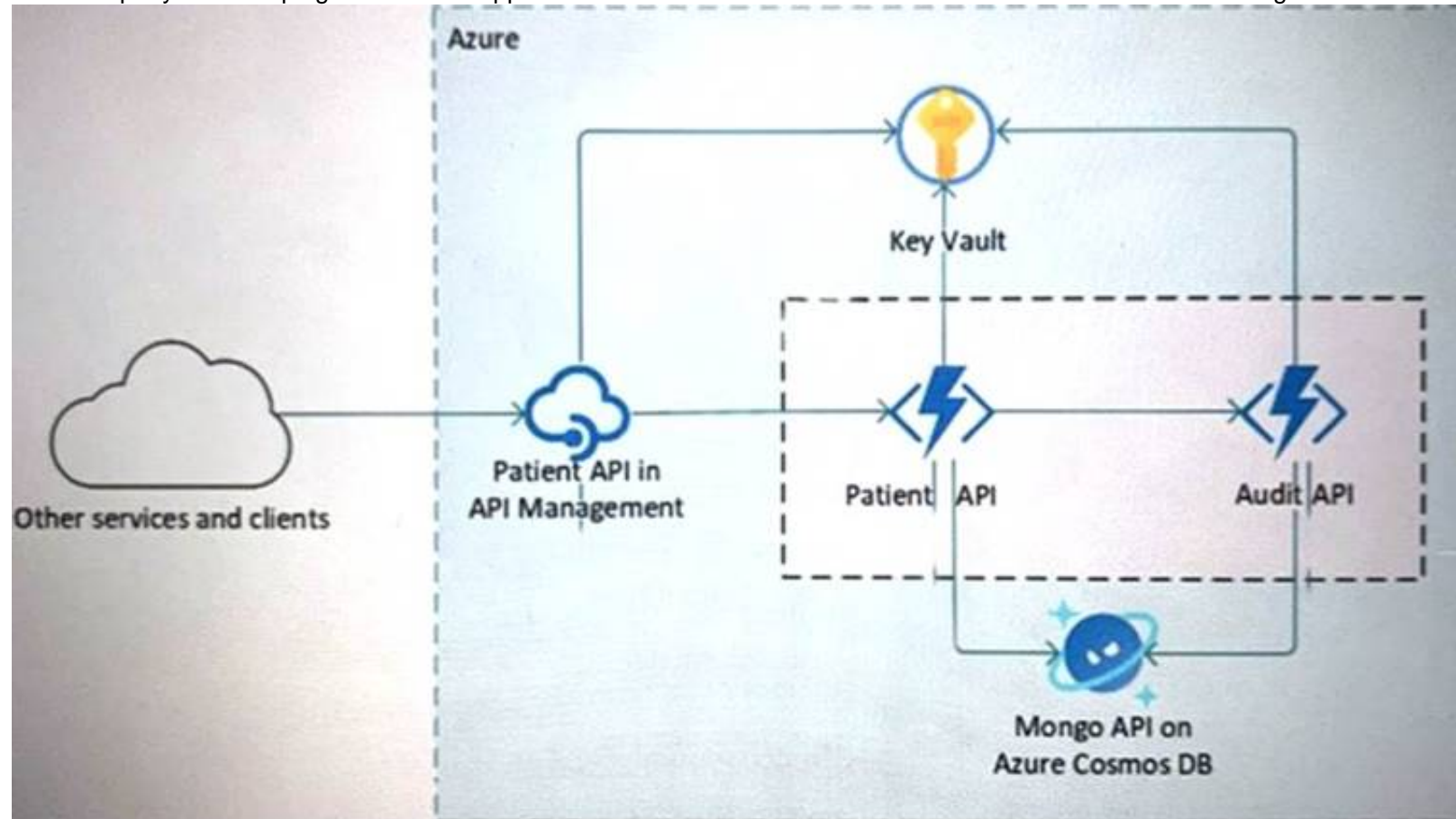
- A. custom roles in Azure Pipelines
- B. branch policies in Azure Repos
- C. Azure policies
- D. custom Azure roles

**Answer: B**

### NEW QUESTION 67

- (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 70

- (Exam Topic 3)

You have an Active Directory Domain Services (AD DS) domain that contains a virtual desktop infrastructure (VDI). The VDI uses non-persistent images and cloned virtual machine templates. VDI devices are members of the domain.

You have an Azure subscription that contains an Azure Virtual Desktop environment. The environment contains host pools that use a custom golden image. All the Azure Virtual Desktop deployments are members of a single Azure Active Directory Domain Services (Azure AD DS) domain.

You need to recommend a solution to deploy Microsoft Defender for Endpoint to the hosts. The solution must meet the following requirements:

- Ensure that the hosts are onboarded to Defender for Endpoint during the first startup sequence.
- Ensure that the Microsoft Defender 365 portal contains a single entry for each deployed VDI host.
- Minimize administrative effort.

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 VDI:

Add the Defender for Endpoint onboarding script to the virtual machine template.  
Deploy Defender for Endpoint by using a custom Group Policy Object (GPO).  
Onboard the virtual machine template to Defender for Endpoint.

For Azure Virtual Desktop:

Add the Defender for Endpoint onboarding script to the golden image.  
Deploy Defender for Endpoint by using a custom Group Policy Object (GPO).  
Onboard the golden image to Defender for Endpoint.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Answer Area

For the VDI:

Add the Defender for Endpoint onboarding script to the virtual machine template.  
Deploy Defender for Endpoint by using a custom Group Policy Object (GPO).  
Onboard the virtual machine template to Defender for Endpoint.

For Azure Virtual Desktop:

Add the Defender for Endpoint onboarding script to the golden image.  
Deploy Defender for Endpoint by using a custom Group Policy Object (GPO).  
Onboard the golden image to Defender for Endpoint.

NEW QUESTION 72

- (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 76

- (Exam Topic 3)

Your company plans to follow DevSecOps best practices of the Microsoft Cloud Adoption Framework for Azure to integrate DevSecOps processes into continuous integration and continuous deployment (CI/CD) DevOps pipelines

You need to recommend which security-related tasks to integrate into each stage of the DevOps pipelines. What should recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Infrastructure scanning:

Go to production  
Build and test  
Commit the code  
Go to production  
Operate  
Plan and develop

Static application security testing:

Plan and develop  
Build and test  
Commit the code  
Go to production  
Operate  
Plan and develop

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



Answer Area

Infrastructure scanning:

Go to production

Build and test

Commit the code

Go to production

Operate

Plan and develop

Static application security testing:

Plan and develop

Build and test

Commit the code

Go to production

Operate

Plan and develop

NEW QUESTION 80

- (Exam Topic 3)  
You have a hybrid cloud infrastructure.  
You plan to deploy the Azure applications shown in the following table.

Name	Type	Requirement
App1	An Azure App Service web app accessed from Windows 11 devices on the on-premises network.	Protect against attacks that use cross-site scripting (XSS).
App2	An Azure App Service web app accessed from mobile devices	Allow users to authenticate to App2 by using their LinkedIn account.

What should you use to meet the requirement of each app? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

App1:

Azure AD B2B authentication with Conditional Access

Azure AD B2C custom policies with Conditional Access

Azure Application Gateway Web Application Firewall policies

Azure Firewall

Azure VPN Gateway with network security group rules

Azure VPN Point-to-Site connections

App2:

Azure AD B2B authentication with Conditional Access

Azure AD B2C custom policies with Conditional Access

Azure Application Gateway Web Application Firewall policies

Azure Firewall

Azure VPN Gateway with network security group rules

Azure VPN Point-to-Site connections

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Text Description automatically generated with medium confidence

NEW QUESTION 85

- (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

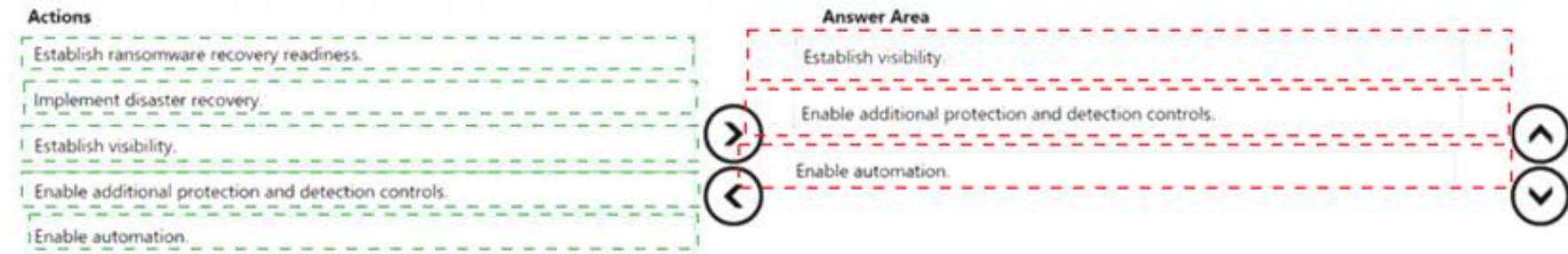
Answer: A

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**Explanation:**



**NEW QUESTION 87**

- (Exam Topic 3)

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

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

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

**Answer Area**

To automate vulnerability code scanning:

To automatically generate pull requests:

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

A close up of a text Description automatically generated

**NEW QUESTION 91**

- (Exam Topic 3)

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

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

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

**Answer:** A

**NEW QUESTION 92**

- (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 95**

- (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 98**

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