

# 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 synched 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 meet the compliance requirements.

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

Answer Area

To enforce compliance to the regulatory standard, create:

An Azure Automation account

A blueprint

A managed identity

Workflow automation

To exclude TestRG from the compliance assessment:

Edit an Azure blueprint

Modify a Defender for Cloud workflow automation

Modify an Azure policy definition

Update an Azure policy assignment

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1 = A Blueprint

Box 2 = Update an Azure Policy assignment

<https://learn.microsoft.com/en-us/azure/governance/policy/tutorials/create-and-manage#update-assignment-with> <https://docs.microsoft.com/en-us/azure/governance/policy/concepts/definition-structure> while it is in policy assignment

- <https://docs.microsoft.com/en-us/azure/governance/policy/concepts/assignment-structure>

NEW QUESTION 3

- (Exam Topic 1)

You need to recommend a solution to meet the AWS 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 the AWS EC2 instances:

Azure Blueprints

Defender for Cloud

Microsoft Defender for Cloud Apps

Microsoft Defender for servers

Microsoft Endpoint Manager

Microsoft Sentinel

For the AWS service logs:

Azure Blueprints

Defender for Cloud

Microsoft Defender for Cloud Apps

Microsoft Defender for servers

Microsoft Endpoint Manager

Microsoft Sentinel

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

For the AWS EC2 instances:

Azure Blueprints

Defender for Cloud

Microsoft Defender for Cloud Apps

Microsoft Defender for servers

Microsoft Endpoint Manager

Microsoft Sentinel

For the AWS service logs:

Azure Blueprints

Defender for Cloud

Microsoft Defender for Cloud Apps

Microsoft Defender for servers

Microsoft Endpoint Manager

Microsoft Sentinel

NEW QUESTION 4

- (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:

**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)

**NEW QUESTION 5**

- (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 6**

- (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 7

- (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 8

- (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 9

- (Exam Topic 2)

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

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

**Answer Area**

Segment Microsoft Sentinel workspaces by:

- Azure AD tenant
- Enterprise
- Region and Azure AD tenant

Integrate Azure subscriptions by using:

- Self-service sign-up user flows for Azure AD B2B
- Self-service sign-up user flows for Azure AD B2C
- The Azure Lighthouse subscription onboarding process

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 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)

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 14**

- (Exam Topic 3)

You have Windows 11 devices and Microsoft 365 E5 licenses.

You need to recommend a solution to prevent users from accessing websites that contain adult content such as gambling sites. What should you include in the recommendation?

- A. Microsoft Endpoint Manager
- B. Compliance Manager
- C. Microsoft Defender for Cloud Apps
- D. Microsoft Defender for Endpoint

**Answer:** D

**Explanation:**

<https://docs.microsoft.com/en-us/microsoft-365/security/defender-endpoint/web-content-filtering?view=o365-w>

**NEW QUESTION 16**

- (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 18**

- (Exam Topic 3)

Your company has a multi-cloud environment that contains a Microsoft 365 subscription, an Azure subscription, and Amazon Web Services (AWS) implementation. You need to recommend a security posture management solution for the following components:

- Azure IoT Edge devices
- AWS EC2 instances

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

**Answer Area**

For the IoT Edge devices:	<input type="checkbox"/> Azure Arc <input type="checkbox"/> Microsoft Defender for Cloud <input type="checkbox"/> Microsoft Defender for Cloud Apps <input type="checkbox"/> Microsoft Defender for Endpoint <input type="checkbox"/> Microsoft Defender for IoT
For the AWS EC2 instances:	<input type="checkbox"/> Azure Arc only <input type="checkbox"/> Microsoft Defender for Cloud and Azure Arc <input type="checkbox"/> Microsoft Defender for Cloud Apps only <input type="checkbox"/> Microsoft Defender for Cloud only <input type="checkbox"/> Microsoft Defender for Endpoint and Azure Arc <input type="checkbox"/> Microsoft Defender for Endpoint only

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

<https://docs.microsoft.com/en-us/azure/defender-for-iot/organizations/architecture> <https://docs.microsoft.com/en-us/azure/defender-for-cloud/quickstart-onboard-aws?pivots=env-settings> <https://docs.microsoft.com/en-us/azure/azure-arc/servers/overview#supported-cloud-operations>

**NEW QUESTION 22**

- (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 25**

- (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.

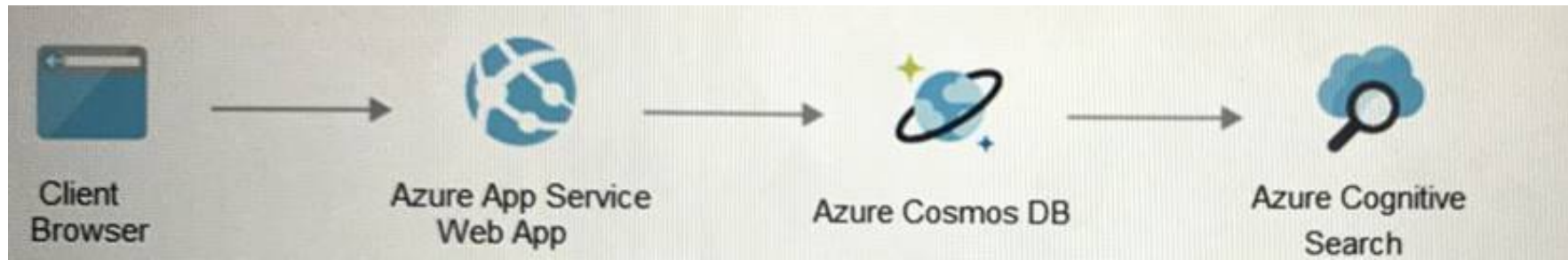
<https://www.microsoft.com/en-us/security/business/privacy/microsoft-priva-risk-management>

**NEW QUESTION 30**

- (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 33**

- (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 38**

- (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**

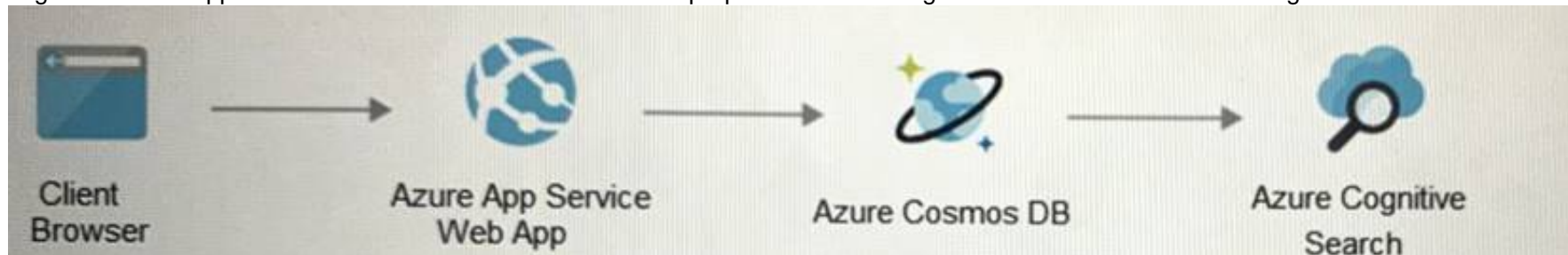
**Explanation:**

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

**NEW QUESTION 43**

- (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 48**



- (Exam Topic 3)  
Your company has an on-premises network and an Azure subscription.  
The company does NOT have a Site-to-Site VPN or an ExpressRoute connection to Azure.  
You are designing the security standards for Azure App Service web apps. The web apps will access Microsoft SQL Server databases on the network.  
You need to recommend security standards that will allow the web apps to access the databases. The solution must minimize the number of open internet-accessible endpoints to the on-premises network.  
What should you include in the recommendation?

- A. a private endpoint
- B. hybrid connections
- C. virtual network NAT gateway integration
- D. virtual network integration

**Answer:** B

**Explanation:**  
<https://docs.microsoft.com/en-us/azure/app-service/app-service-hybrid-connections>

**NEW QUESTION 52**

- (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 56**

- (Exam Topic 3)  
You are designing a security strategy for providing access to Azure App Service web apps through an Azure Front Door instance.  
You need to recommend a solution to ensure that the web apps only allow access through the Front Door instance.  
Solution: You recommend access restrictions that allow traffic from the Front Door service tags. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

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

**NEW QUESTION 60**

- (Exam Topic 3)  
Your company is developing an invoicing application that will use Azure Active Directory (Azure AD) B2C. The application will be deployed as an App Service web app. You need to recommend a solution to the application development team to secure the application from identity related attacks. Which two configurations should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

**Answer:** 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 63**

- (Exam Topic 3)

Your company plans to move all on-premises virtual machines to Azure. A network engineer proposes the Azure virtual network design shown in the following table.

Virtual network name	Description	Peering connection
Hub VNet	Linux and Windows virtual machines	VNet1, VNet2
VNet1	Windows virtual machines	Hub VNet
VNet2	Linux virtual machines	Hub VNet
VNet3	Windows virtual machine scale sets	VNet4
VNet4	Linux virtual machine scale sets	VNet3

You need to recommend an Azure Bastion deployment to provide secure remote access to all the virtual machines. Based on the virtual network design, how many Azure Bastion subnets are required?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

**Answer:** B

**Explanation:**

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

**NEW QUESTION 64**

- (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 65**

- (Exam Topic 3)

You have a Microsoft 365 subscription

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

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

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

NOTE: Each Correct selection is worth one Point.

**Components**

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

**Answer Area**

User accounts that were potentially compromised:  Component

Users performing bulk file downloads from SharePoint Online:  Component

- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 66**

- (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.



- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Groups and sites

Box 2: Groups and sites

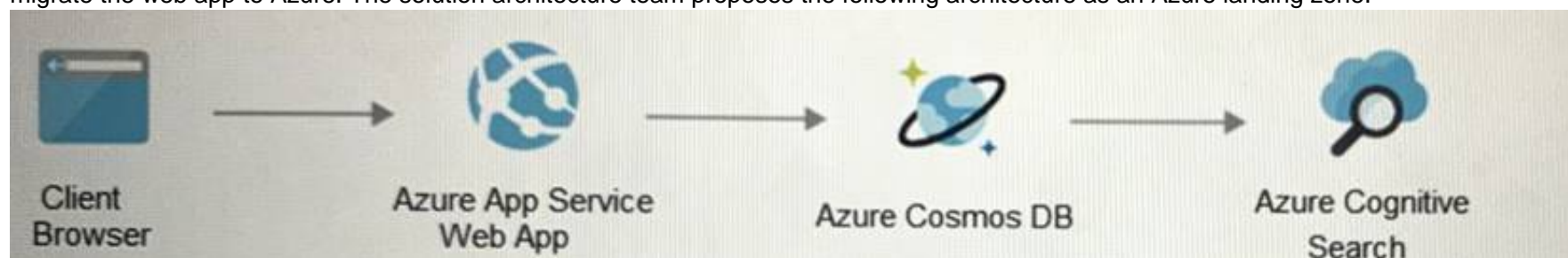
Box 3: Files and emails –

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

**NEW QUESTION 71**

- (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 implementing Azure Key Vault to store credentials.

- 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 75**

- (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 79**

- (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 81**

- (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 86**

- (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 89**

- (Exam Topic 3)

You are planning the security requirements for Azure Cosmos DB Core (SQL) API accounts. You need to recommend a solution to audit all users that access the data in the Azure Cosmos DB accounts. Which two configurations should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Enable Microsoft Defender for Cosmos DB.
- B. Send the Azure Active Directory (Azure AD) sign-in logs to a Log Analytics workspace.
- C. Disable local authentication for Azure Cosmos DB.
- D. Enable Microsoft Defender for Identity.
- E. Send the Azure Cosmos DB logs to a Log Analytics workspace.

**Answer:** BE

**Explanation:**

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

#### NEW QUESTION 91

- (Exam Topic 3)

You are designing a security strategy for providing access to Azure App Service web apps through an Azure Front Door instance.

You need to recommend a solution to ensure that the web apps only allow access through the Front Door instance.

Solution: You recommend access restrictions to allow traffic from the backend IP address of the Front Door instance.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 95

- (Exam Topic 3)

Your company has a Microsoft 365 subscription and uses Microsoft Defender for Identity. You are informed about incidents that relate to compromised identities.

You need to recommend a solution to expose several accounts for attackers to exploit. When the attackers attempt to exploit the accounts, an alert must be triggered. Which Defender for Identity feature should you include in the recommendation?

- A. standalone sensors
- B. honeytoken entity tags
- C. sensitivity labels
- D. custom user tags

**Answer: B**

#### Explanation:

<https://docs.microsoft.com/en-us/advanced-threat-analytics/suspicious-activity-guide#honeytoken-activity> The Sensitive tag is used to identify high value assets.(user / devices / groups)Honeytoken entities are used as traps for malicious actors. Any authentication associated with these honeytoken entities triggers an alert. and Defender for Identity considers Exchange servers as high-value assets and automatically tags them as Sensitive

#### NEW QUESTION 98

- (Exam Topic 3)

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

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

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

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

**Answer: AE**

#### Explanation:

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

#### NEW QUESTION 101

- (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 105

- (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 106

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