



Microsoft

Exam Questions SC-100

Microsoft Cybersecurity Architect

NEW QUESTION 1

- (Exam Topic 1)

You need to recommend a solution to secure the MedicalHistory data in the ClaimsDetail table. The solution must meet the Contoso developer requirements. What should you include in the recommendation?

- A. Transparent Data Encryption (TDE)
- B. Always Encrypted
- C. row-level security (RLS)
- D. dynamic data masking
- E. data classification

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

You need to recommend a solution to meet the security requirements for the InfraSec group. What should you use to delegate the access?

- A. a subscription
- B. a custom role-based access control (RBAC) role
- C. a resource group
- D. a management group

Answer: D

NEW QUESTION 3

- (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: DE

NEW QUESTION 4

- (Exam Topic 3)

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

- A. Yes
- B. No

Answer: A

NEW QUESTION 5

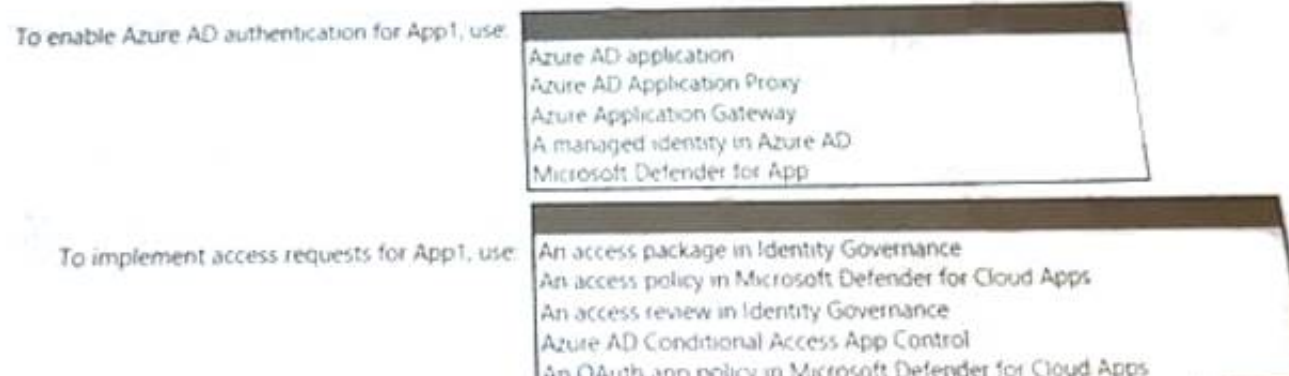
- (Exam Topic 3)

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 6

- (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

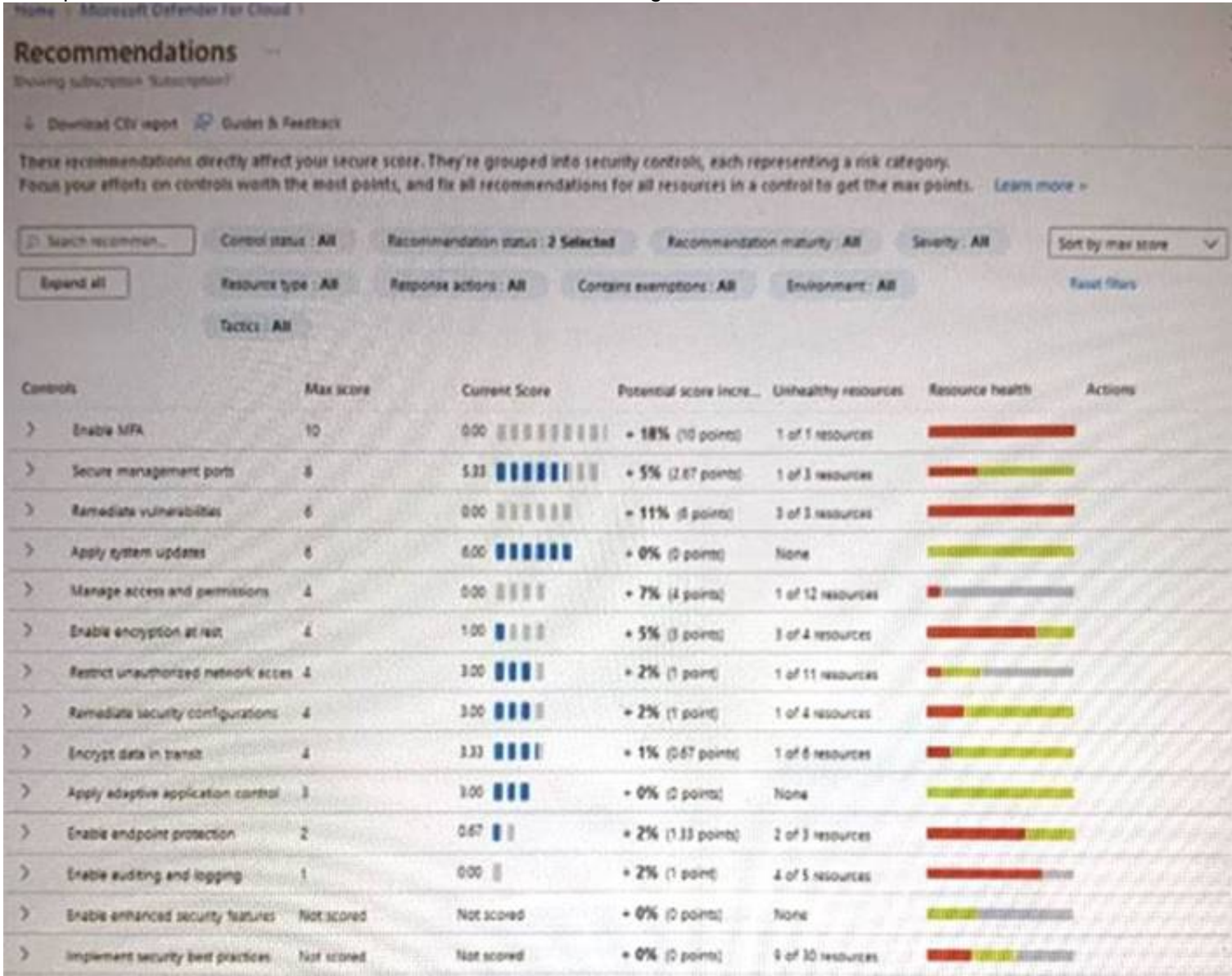
What should you include in the strategy?

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

Answer: C

NEW QUESTION 7

- (Exam Topic 3)
You open Microsoft Defender for Cloud as shown in the following exhibit.



Use the drop-down menus to select the answer choice that complete each statements based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

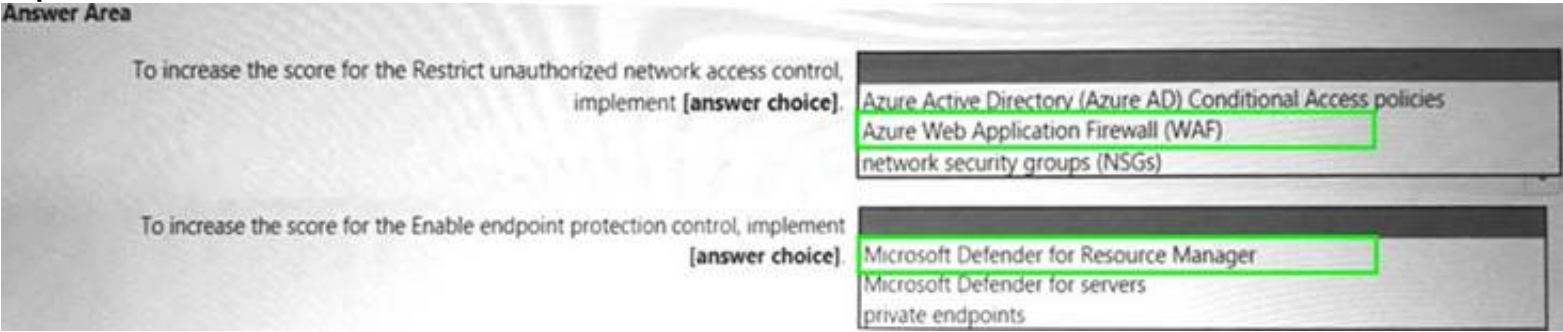
To increase the score for the Restrict unauthorized network access control, implement [answer choice].

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 8

- (Exam Topic 3)

Your company has a Microsoft 365 E5 subscription. The company plans to deploy 45 mobile self-service kiosks that will run Windows 10. You need to provide recommendations to secure the kiosks. The solution must meet the following requirements:

- Ensure that only authorized applications can run on the kiosks.
- Regularly harden the kiosks against new threats.

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

- A. Onboard the kiosks to Azure Monitor.
- B. Implement Privileged Access Workstation (PAW) for the kiosks.
- C. Implement Automated Investigation and Remediation (AIR) in Microsoft Defender for Endpoint.
- D. Implement threat and vulnerability management in Microsoft Defender for Endpoint.
- E. Onboard the kiosks to Microsoft Intune and Microsoft Defender for Endpoint.

Answer: AB

NEW QUESTION 9

- (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: A

NEW QUESTION 10

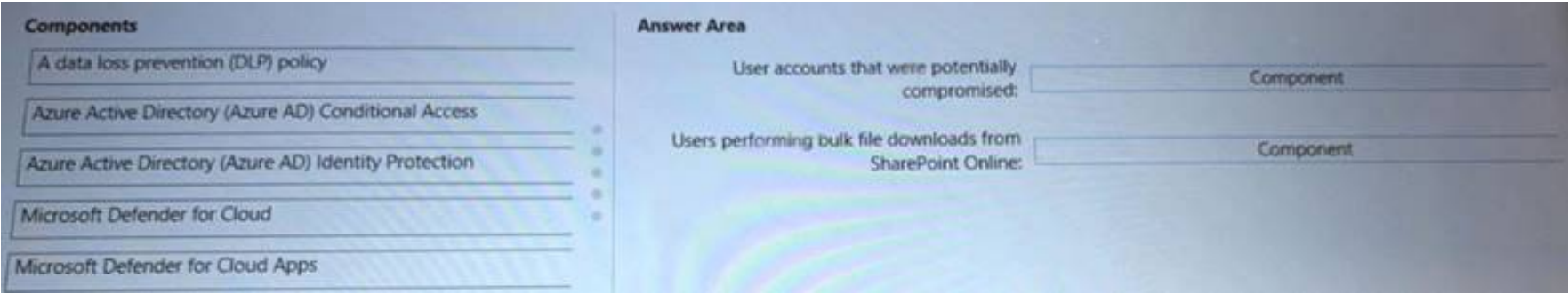
- (Exam Topic 3)

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.

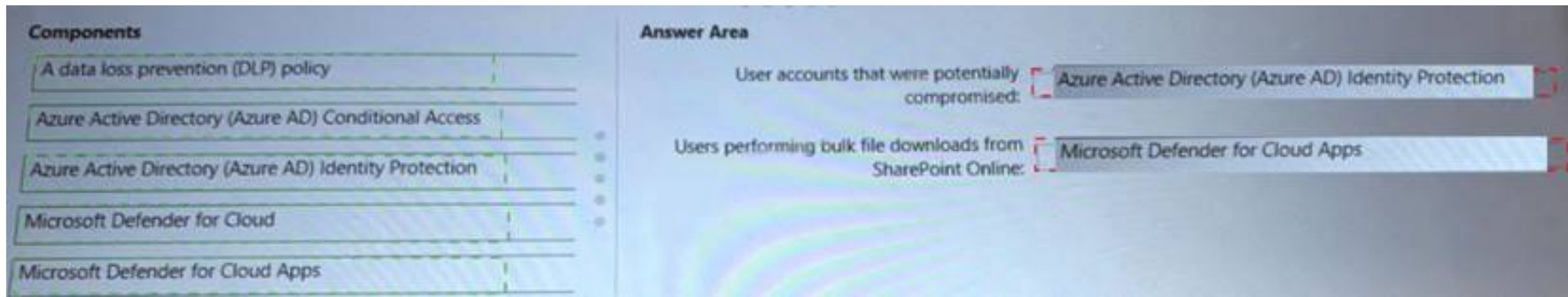
NOTE: Each Correct selection is worth one Point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 10

- (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: A

NEW QUESTION 15

- (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: B

NEW QUESTION 20

- (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' 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

NEW QUESTION 22

- (Exam Topic 3)

Your company has an Azure App Service plan that is used to deploy containerized web apps. You are designing a secure DevOps strategy for deploying the web apps to the App Service plan. You need to recommend a strategy to integrate code scanning tools into a secure software development lifecycle. The code must be scanned during the following two phases:

Uploading the code to repositories Building containers

Where should you integrate code scanning for each phase? To answer, select the appropriate options in the answer area.

Answer Area

Uploading code to repositories:

- Azure Boards
- Azure Pipelines
- GitHub Enterprise
- Microsoft Defender for Cloud

Building containers:

- Azure Boards
- Azure Pipelines
- GitHub Enterprise
- Microsoft Defender for Cloud

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area

Uploading code to repositories:

- Azure Boards
- Azure Pipelines
- GitHub Enterprise
- Microsoft Defender for Cloud

Building containers:

- Azure Boards
- Azure Pipelines
- GitHub Enterprise
- Microsoft Defender for Cloud

NEW QUESTION 27

- (Exam Topic 3)

Your company is developing a modern application that will run as an Azure App Service web app. You plan to perform threat modeling to identify potential security issues by using the Microsoft Threat Modeling Tool. Which type of diagram should you create?

- A. dataflow
 B. system flow
 C. process flow
 D. network flow

Answer: C

NEW QUESTION 30

- (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

NEW QUESTION 31

- (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 35

- (Exam Topic 3)

You have an Azure subscription that contains several storage accounts. The storage accounts are accessed by legacy applications that are authenticated by using access keys.

You need to recommend a solution to prevent new applications from obtaining the access keys of the storage accounts. The solution must minimize the impact on the legacy applications.

What should you include in the recommendation?

- A. Apply read-only locks on the storage accounts.
- B. Set the AllowSharedKeyAccess property to false.
- C. Set the AllowBlobPublicAccess property to false.
- D. Configure automated key rotation.

Answer: A

NEW QUESTION 36

- (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: BE

NEW QUESTION 41

- (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.

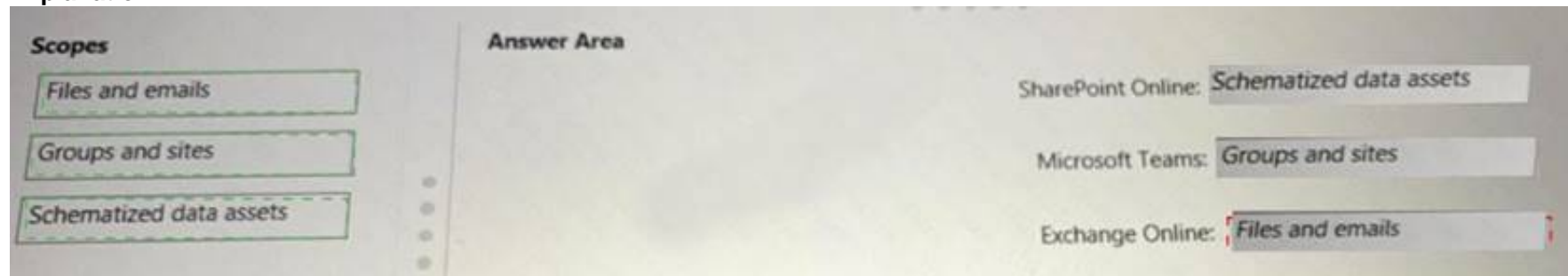
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 43

- (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 blueprint to each subscription.
- C. Assign a policy to each subscription.
- D. Assign a blueprint to a management group.
- E. Assign an initiative to each subscription.
- F. Assign a policy to a management group.

Answer: CD

NEW QUESTION 47

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