Exam Questions SC-100

Microsoft Cybersecurity Architect

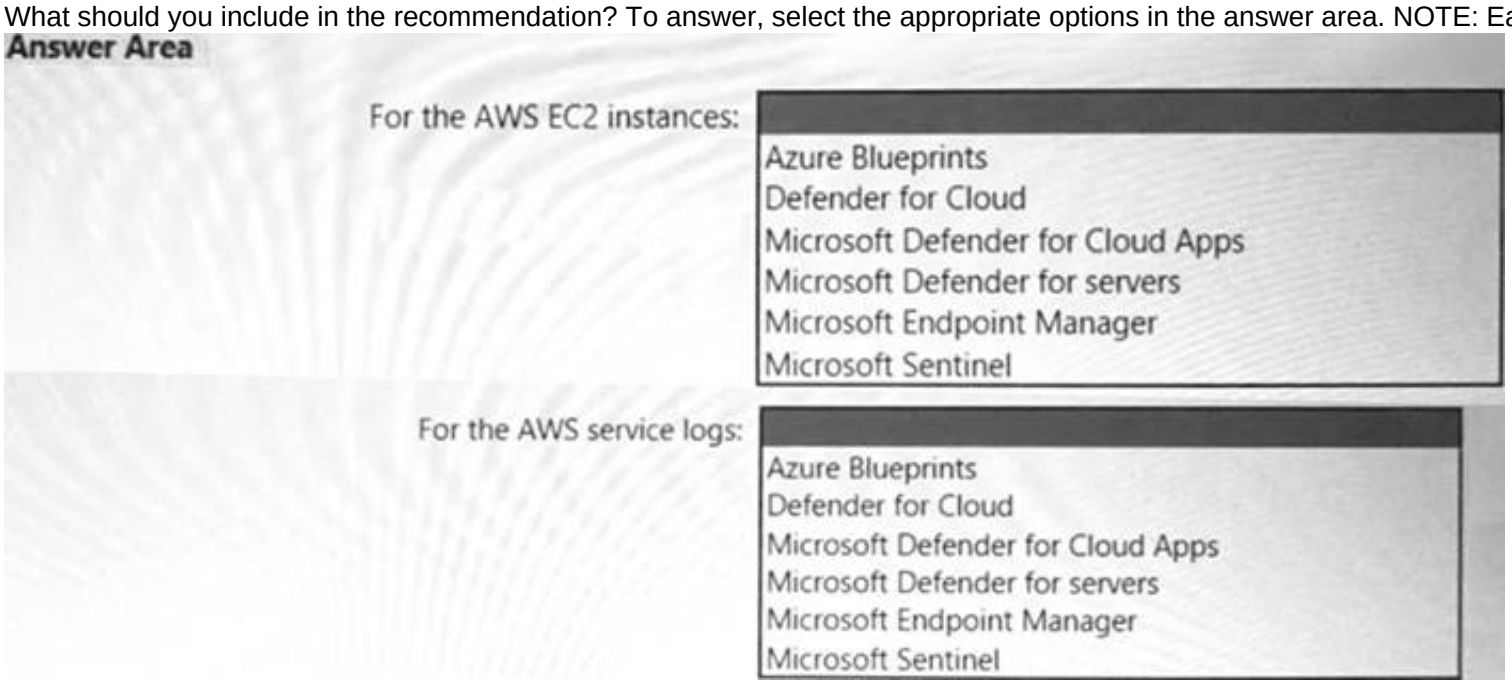
https://www.2passeasy.com/dumps/SC-100/

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 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.

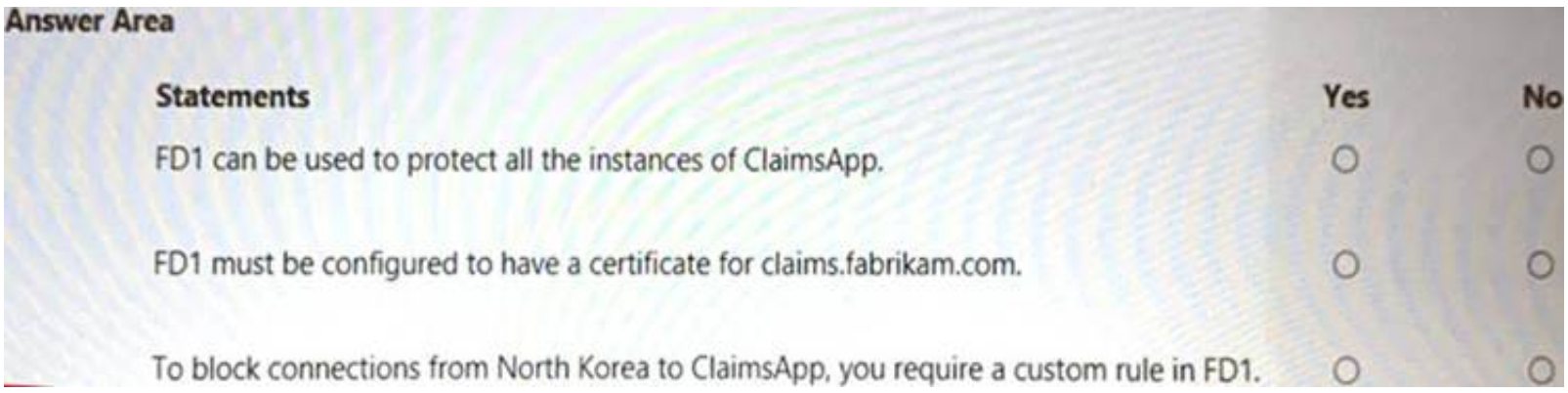


A. Mastered
B. Not Mastered

Answer: A

Explanation:

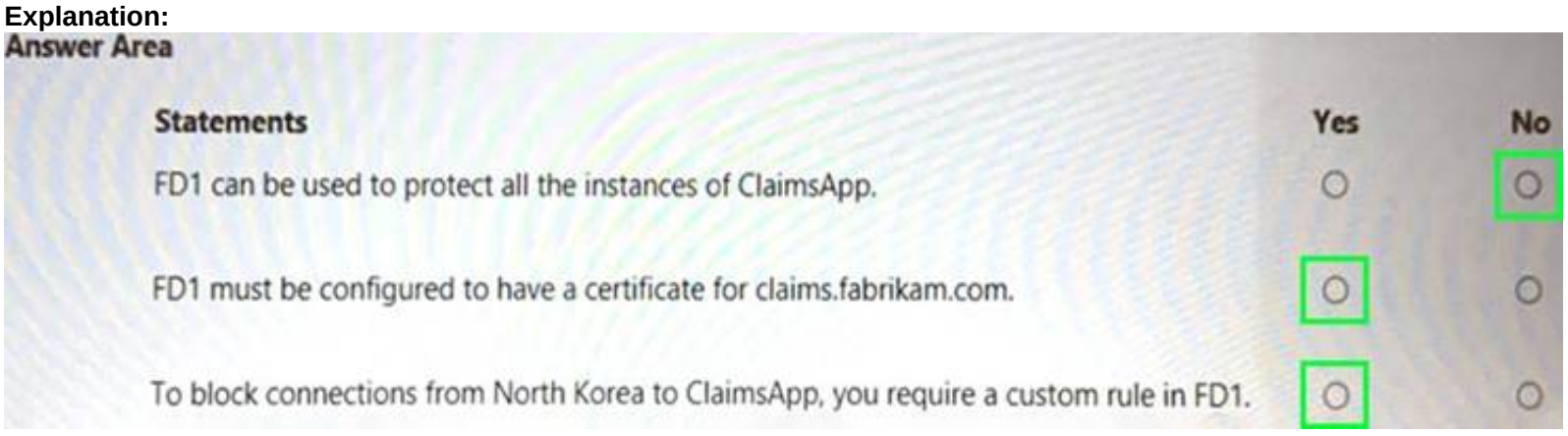
NEW QUESTION 3
- (Exam Topic 1)
You are evaluating the security of ClaimsApp.
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE; Each correct selection is worth one point.



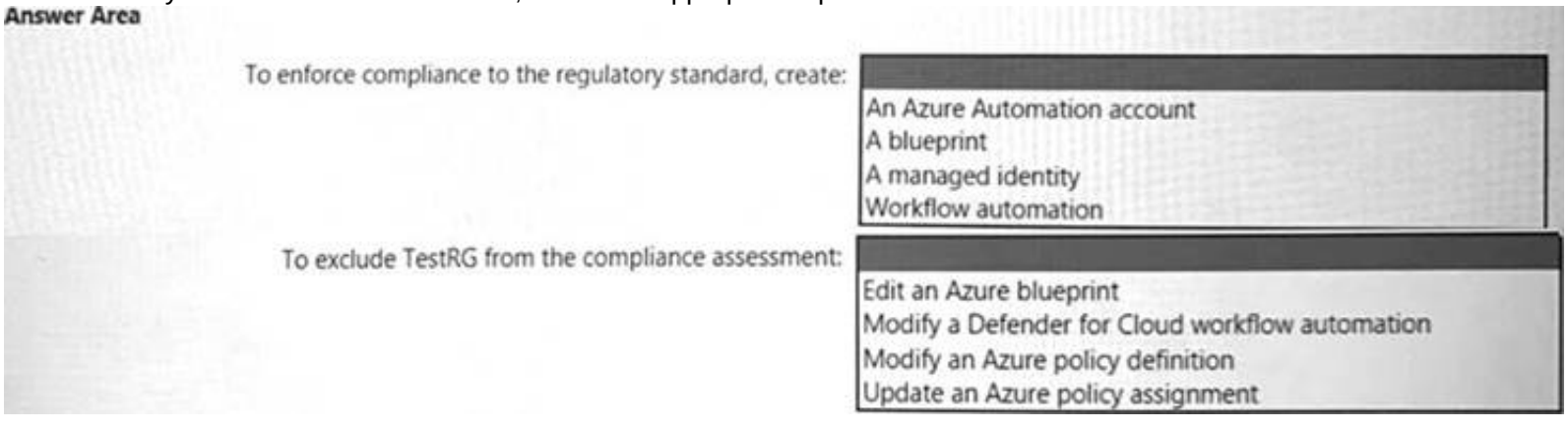
A. Mastered
B. Not Mastered

Answer: A

Explanation:



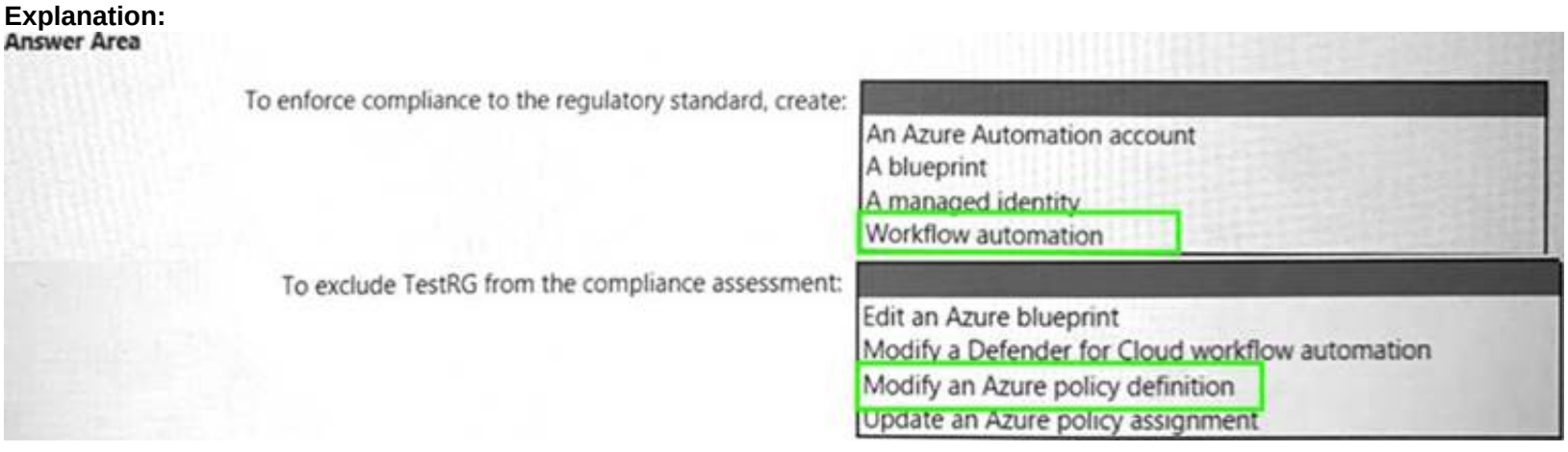
NEW QUESTION 4
- (Exam Topic 1)
You need to recommend a solution to meet the compliance requirements.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

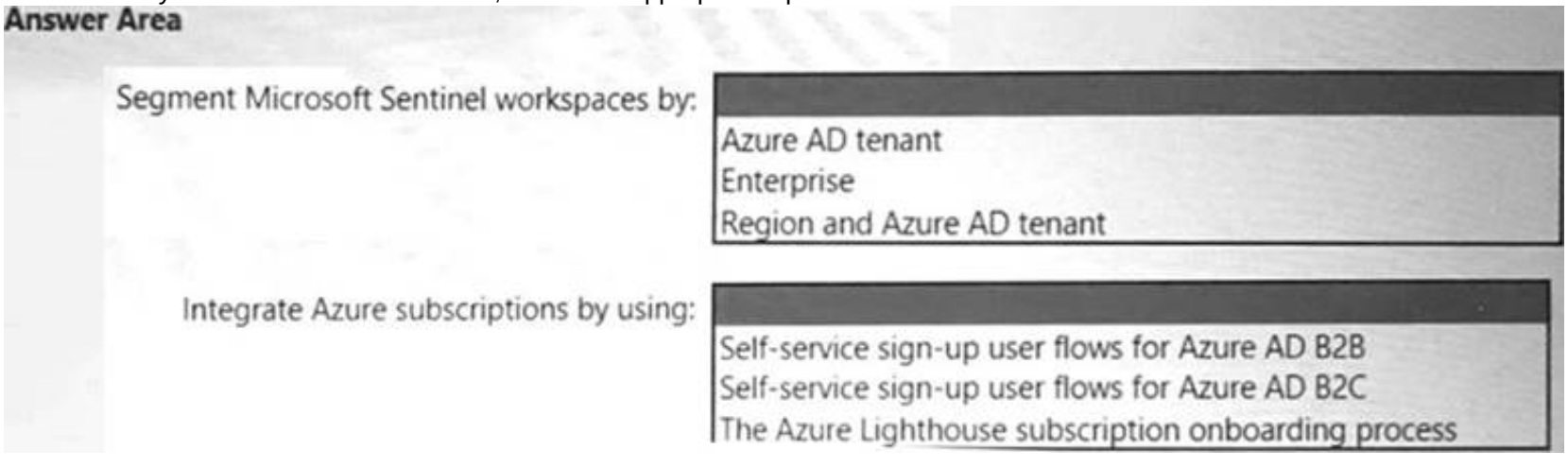


NEW QUESTION 5
- (Exam Topic 1)
You need to recommend a solution to meet the security requirements for the InfraSec group. What should you use to delegate the access?

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

Answer: D

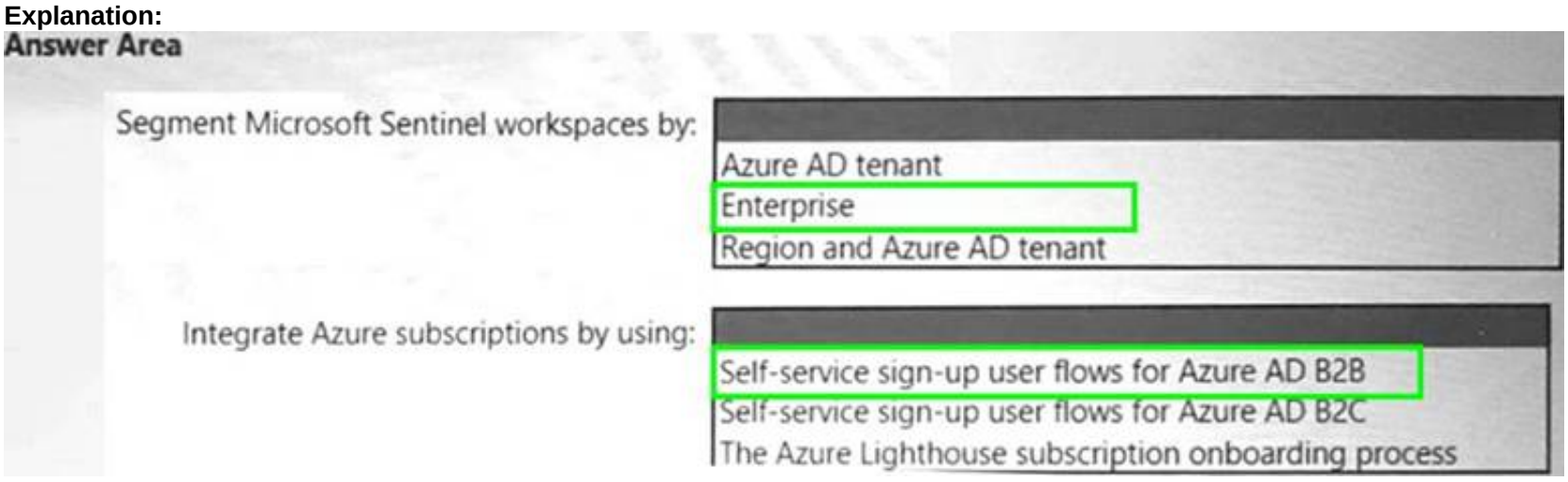
NEW QUESTION 6
- (Exam Topic 2)
You need to recommend a SIEM and SOAR strategy that meets the hybrid requirements, the Microsoft Sentinel requirements, and the regulatory compliance requirements.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



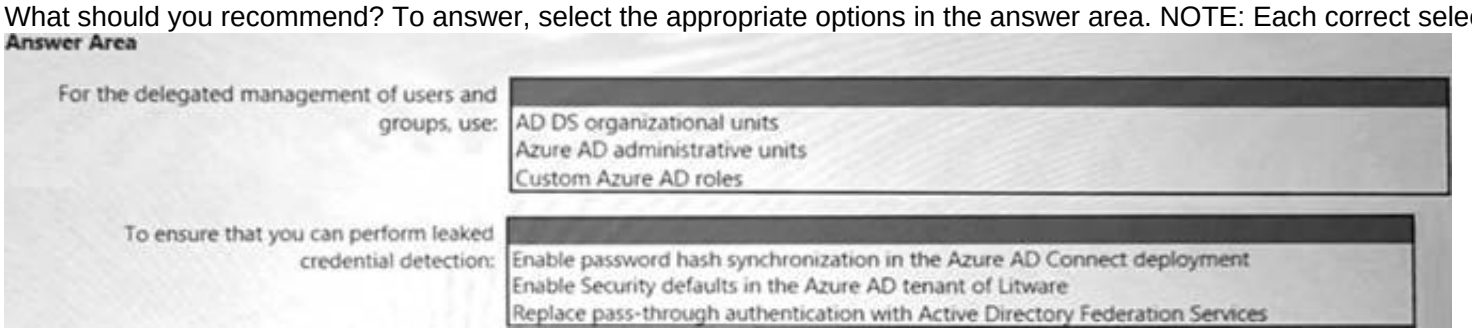
A. Mastered
B. Not Mastered

Answer: A

Explanation:



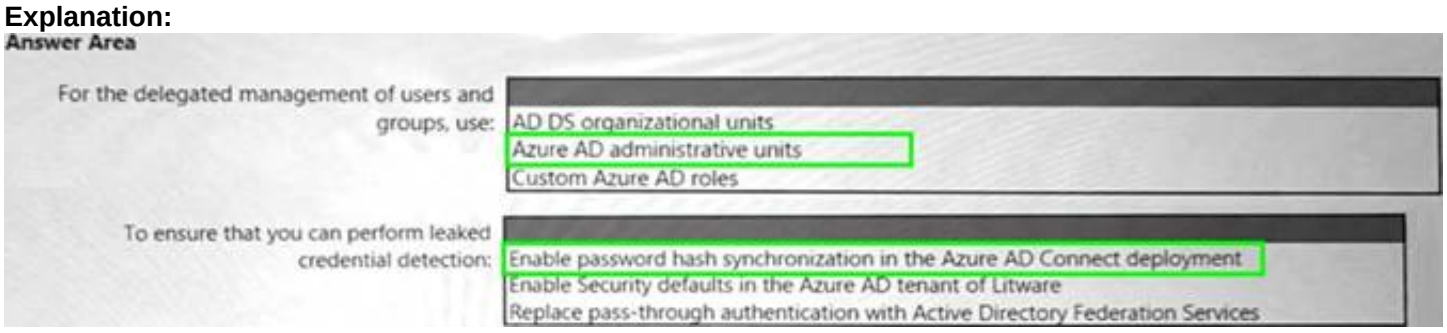
NEW QUESTION 7
- (Exam Topic 2)
You need to recommend an identity security solution for the Azure AD tenant of Litware. The solution must meet the identity requirements and the regulatory compliance requirements.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



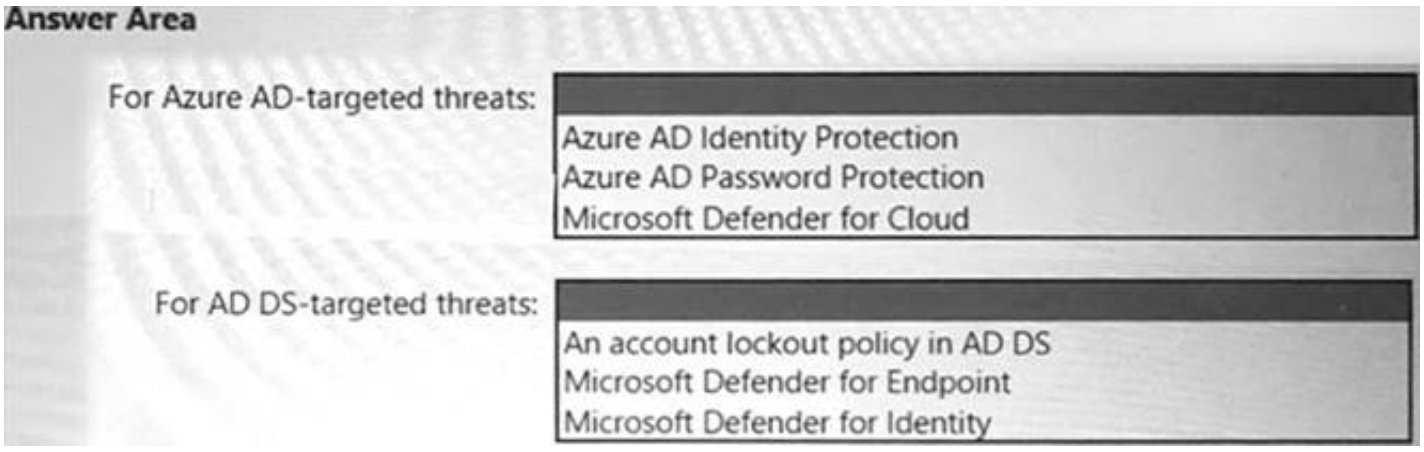
A. Mastered
B. Not Mastered

Answer: A

Explanation:



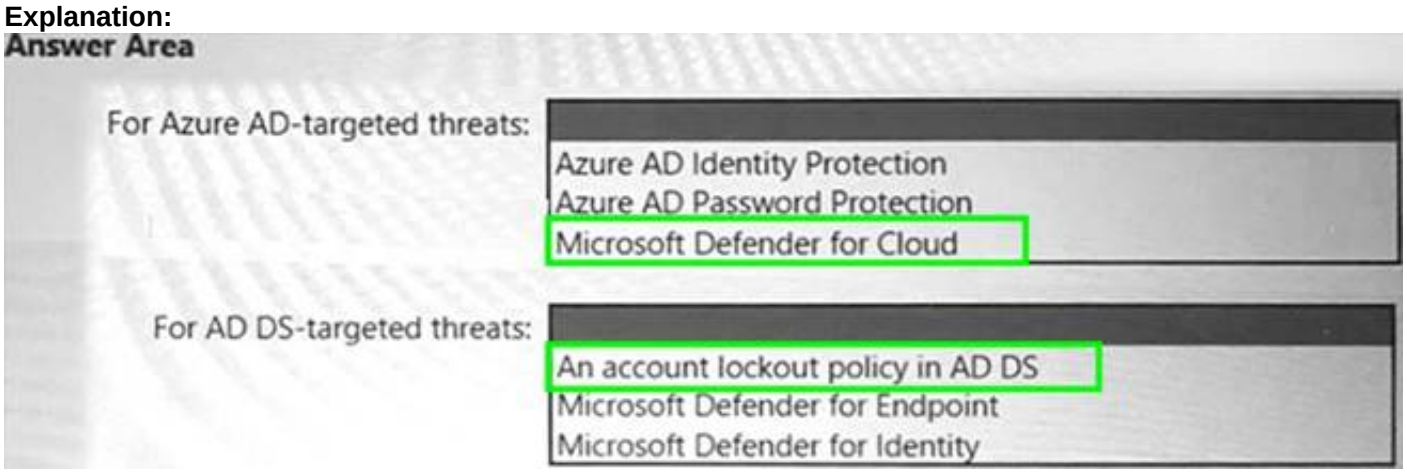
NEW QUESTION 8
- (Exam Topic 2)
You need to recommend a strategy for securing the litware.com forest. The solution must meet the identity requirements. What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE; Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 9
- (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

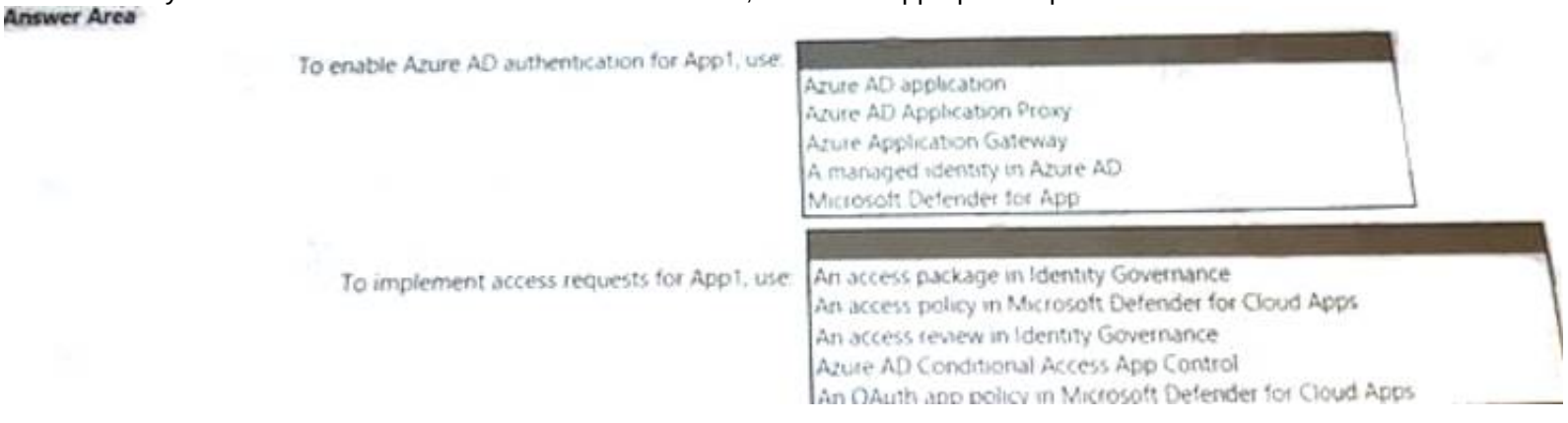
Answer: AC

NEW QUESTION 10
- (Exam Topic 3)
You have an Azure subscription that is used as an Azure landing zone for an application. You need to evaluate the security posture of all the workloads in the landing zone. What should you do first?

A. Add Microsoft Sentinel data connectors.
B. Configure Continuous Integration/Continuous Deployment (CI/CD) vulnerability scanning.
C. Enable the Defender plan for all resource types in Microsoft Defender for Cloud.
D. Obtain Azure Active Directory Premium Plan 2 licenses.

Answer: A

NEW QUESTION 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.



A. Mastered
B. Not Mastered

Answer: A

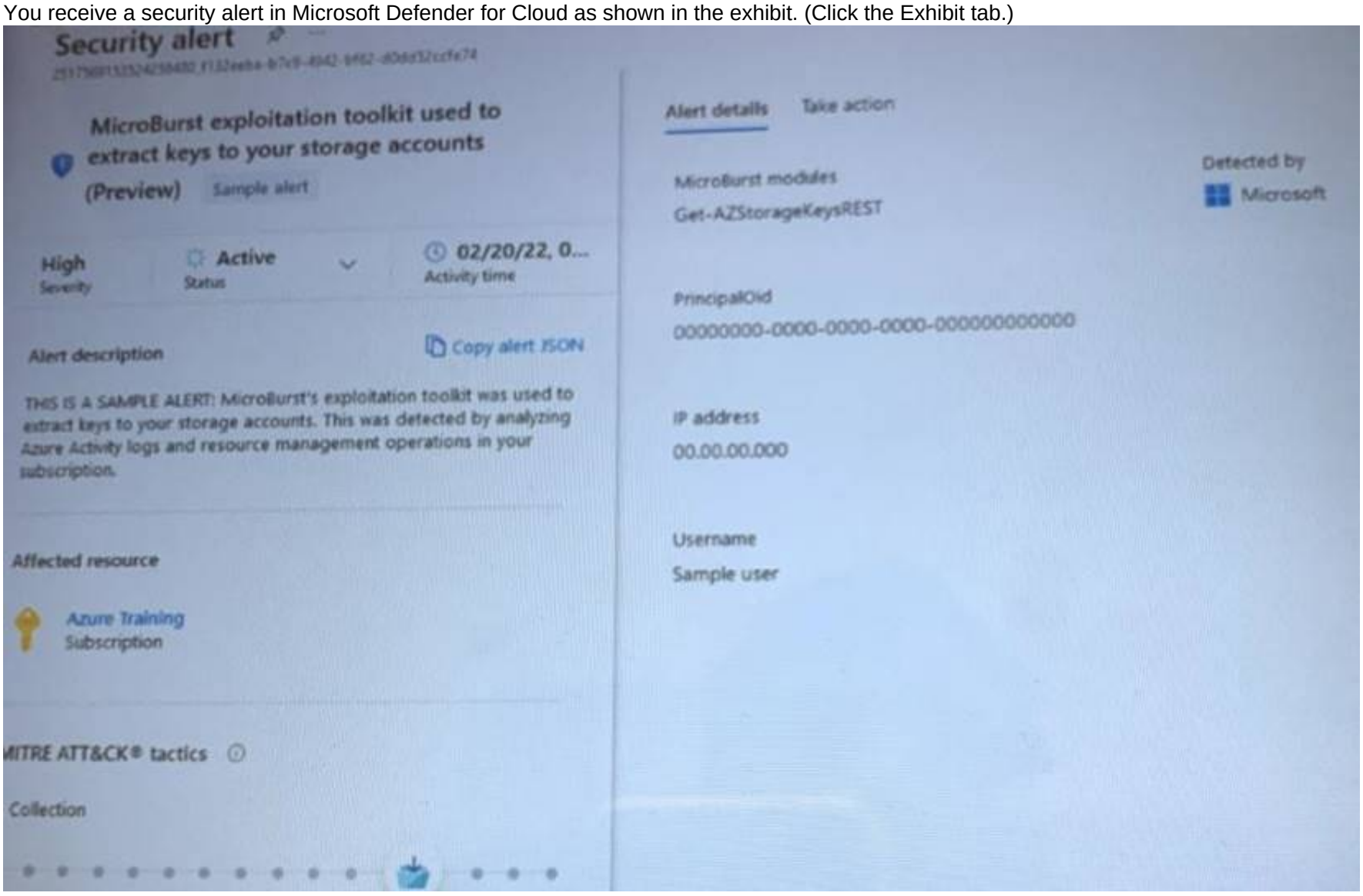
Explanation:

NEW QUESTION 14
- (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: BE

NEW QUESTION 18
- (Exam Topic 3)
You receive a security alert in Microsoft Defender for Cloud as shown in the exhibit. (Click the Exhibit tab.)



After remediating the threat which policy definition should you assign to prevent the threat from reoccurring?

A. Storage account public access should be disallowed
B. Azure Key Vault Managed HSM should have purge protection enabled
C. Storage accounts should prevent shared key access
D. Storage account keys should not be expired

Answer: A

NEW QUESTION 19

- (Exam Topic 3)
You are creating an application lifecycle management process based on the Microsoft Security Development Lifecycle (SDL).
You need to recommend a security standard for onboarding applications to Azure. The standard will include recommendations for application design, development, and deployment What should you include during the application design phase?

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

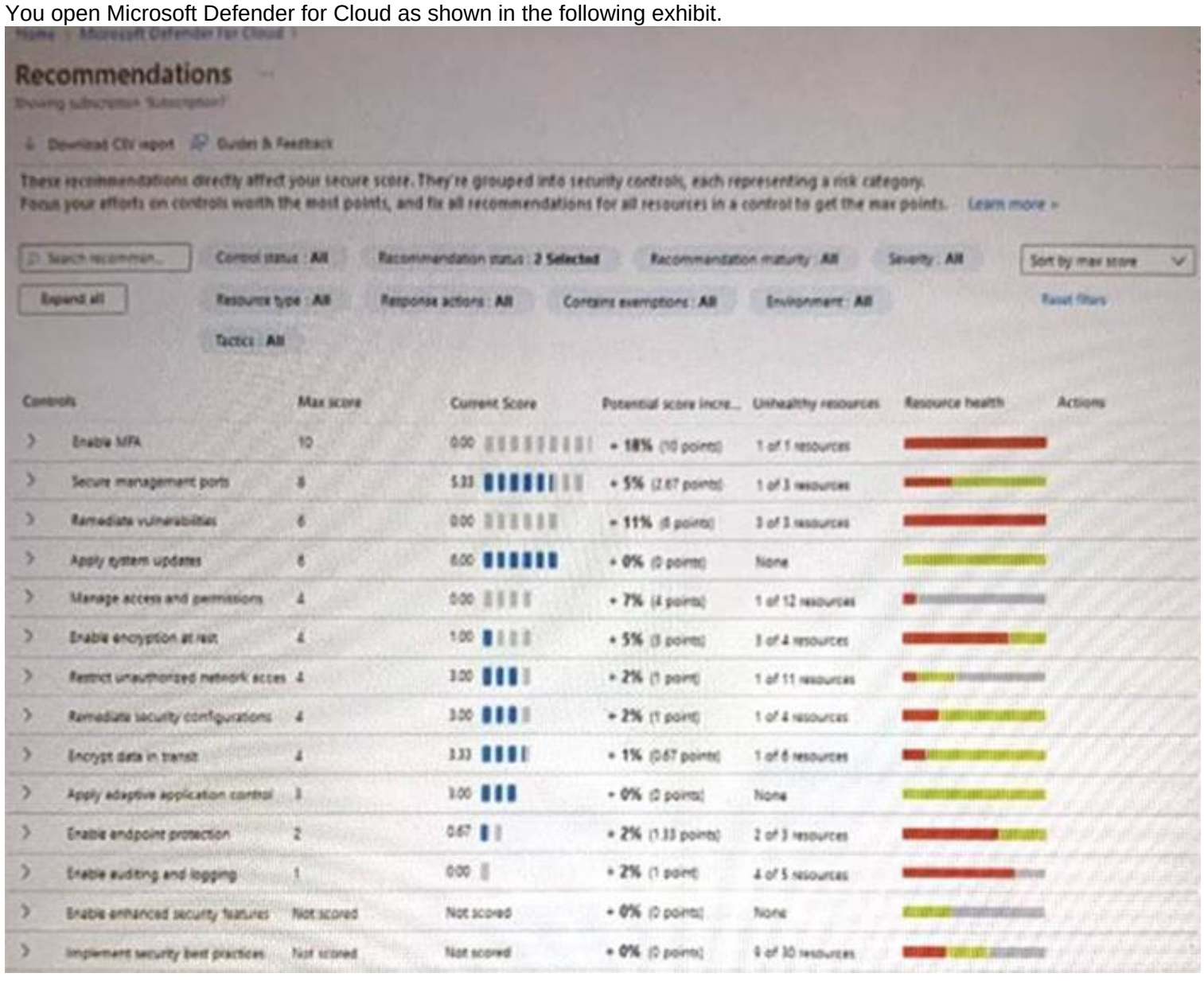
Answer: D

NEW QUESTION 20
- (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?

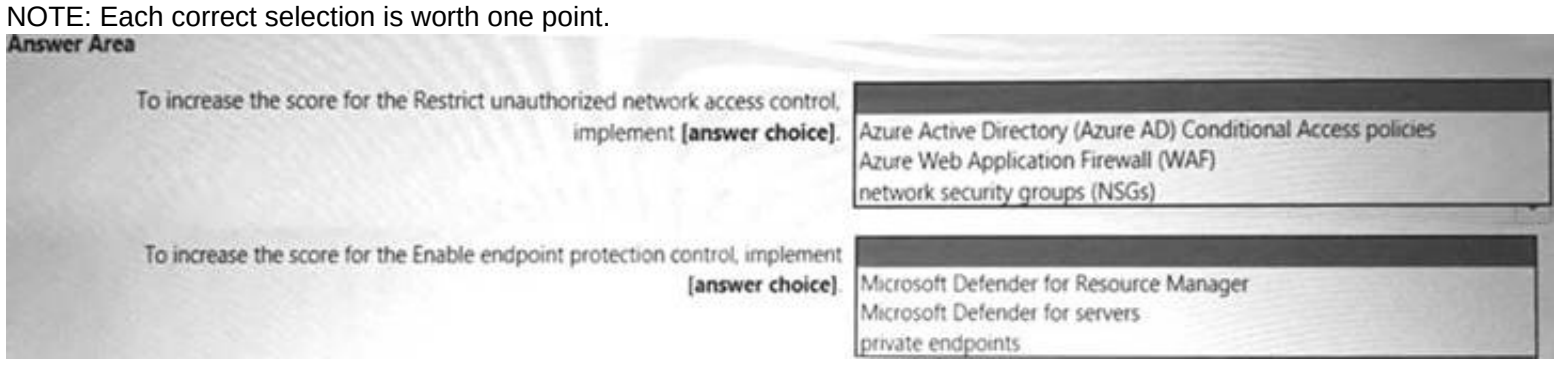
A. data connectors
B. playbooks
C. workbooks
D. KQL

Answer: C

NEW QUESTION 22
- (Exam Topic 3)
You open Microsoft Defender for Cloud as shown in the following exhibit.



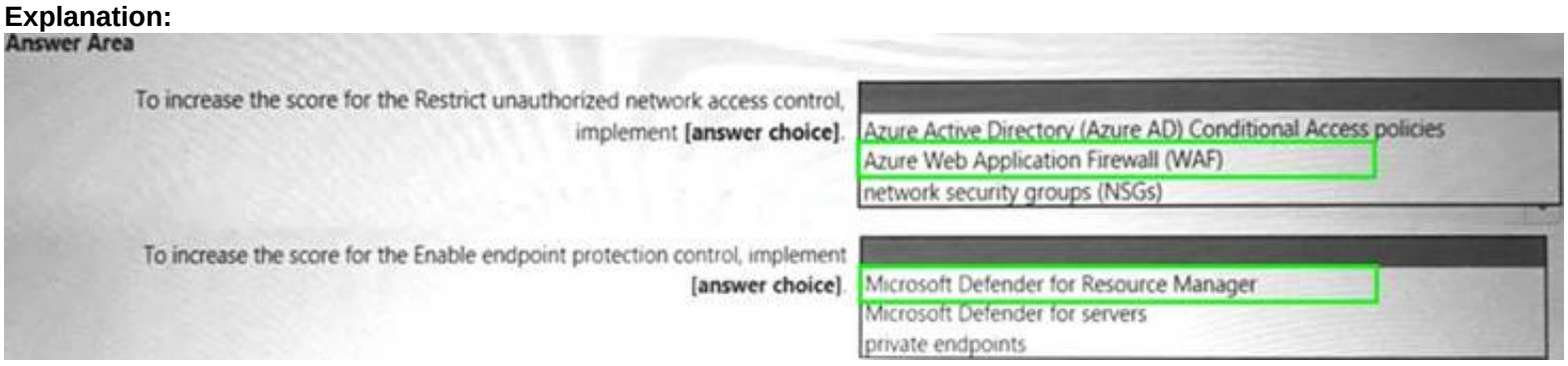
Use the drop-down menus to select the answer choice that complete each statements based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 25
- (Exam Topic 3)
You have an Azure subscription that has Microsoft Defender for Cloud enabled.
You are evaluating the Azure Security Benchmark V3 report as shown in the following exhibit.

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

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

Answer: E

NEW QUESTION 28
- (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.

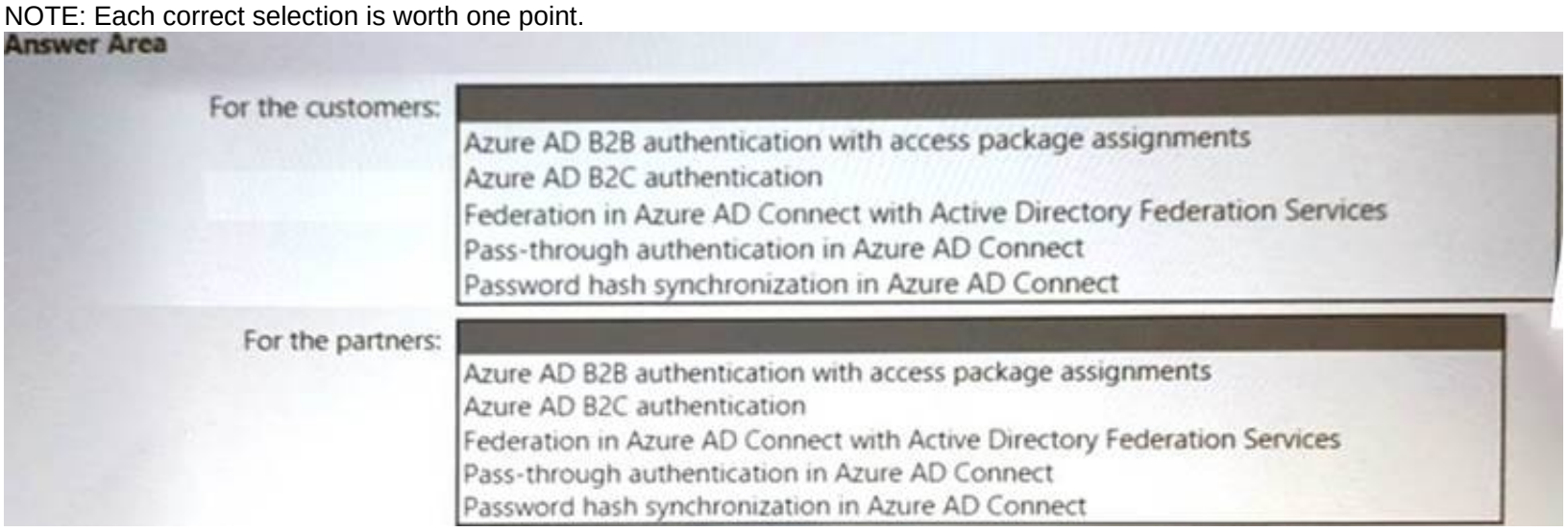
Answer: AB

NEW QUESTION 33
- (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

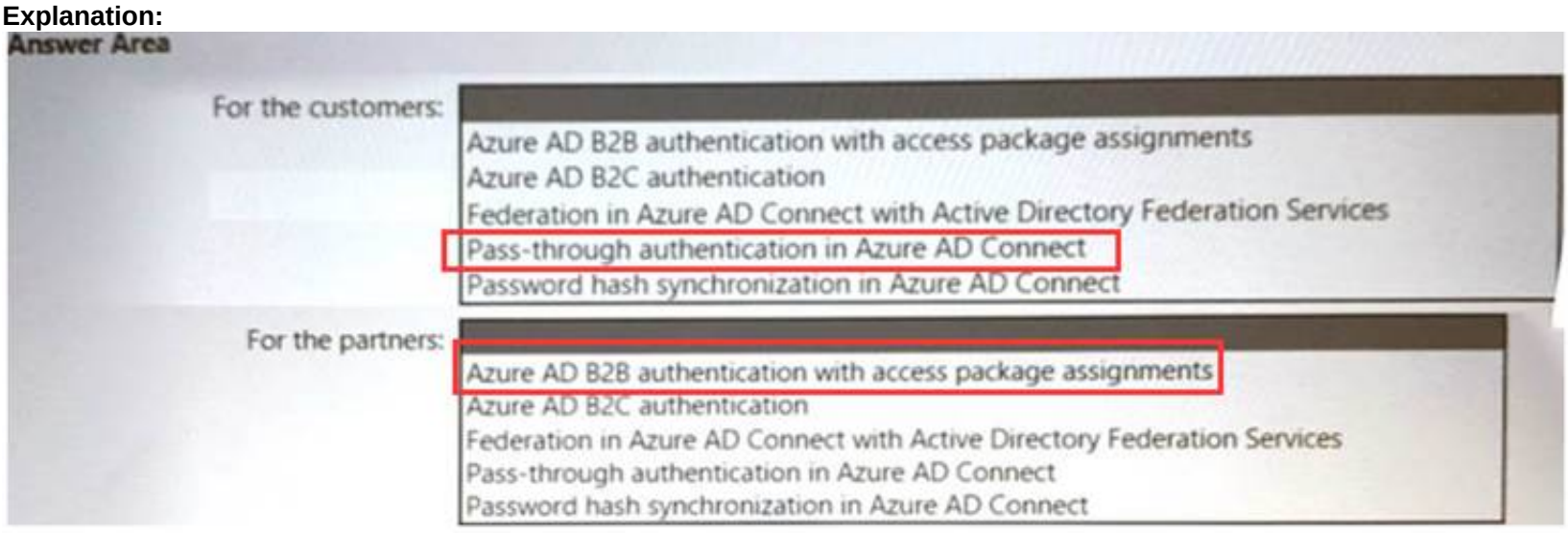
NEW QUESTION 34
- (Exam Topic 3)
Your company has a Microsoft 365 E5 subscription, an Azure subscription, on-premises applications, and Active Directory Domain Services (AD DSV You need to recommend an identity security strategy that meets the following requirements:
• Ensures that customers can use 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.



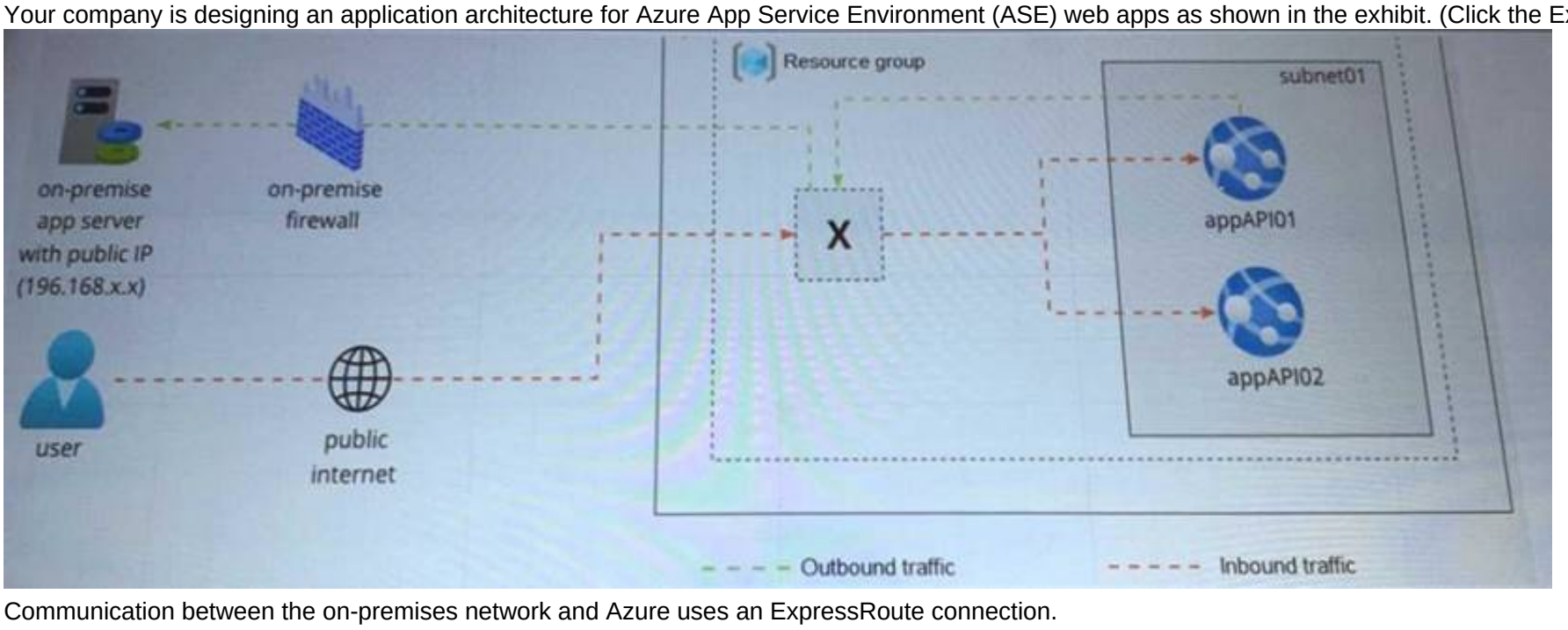
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 37
- (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.)



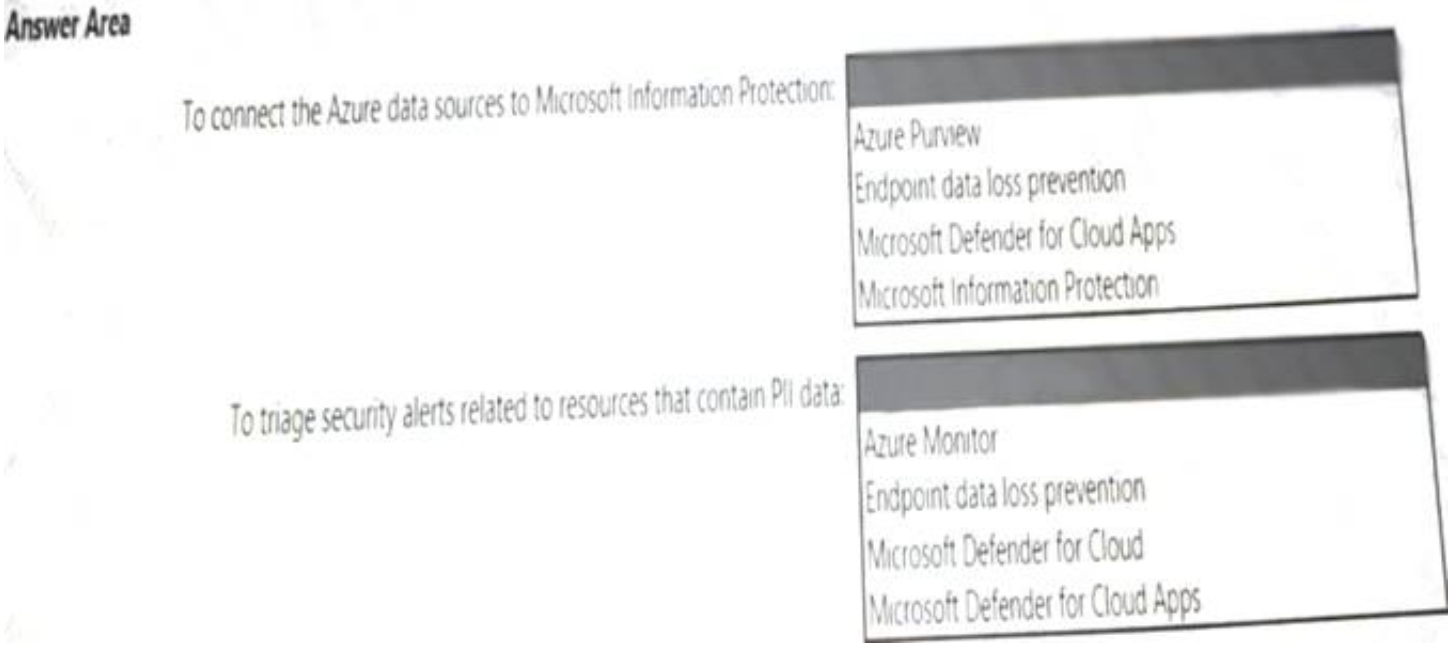
Communication between the on-premises network and Azure uses an ExpressRoute connection.
You need to recommend a solution to ensure that the web apps can communicate with the on-premises application server. The solution must minimize the number of public IP addresses that are allowed to access the on-premises 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: A

NEW QUESTION 40
- (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.

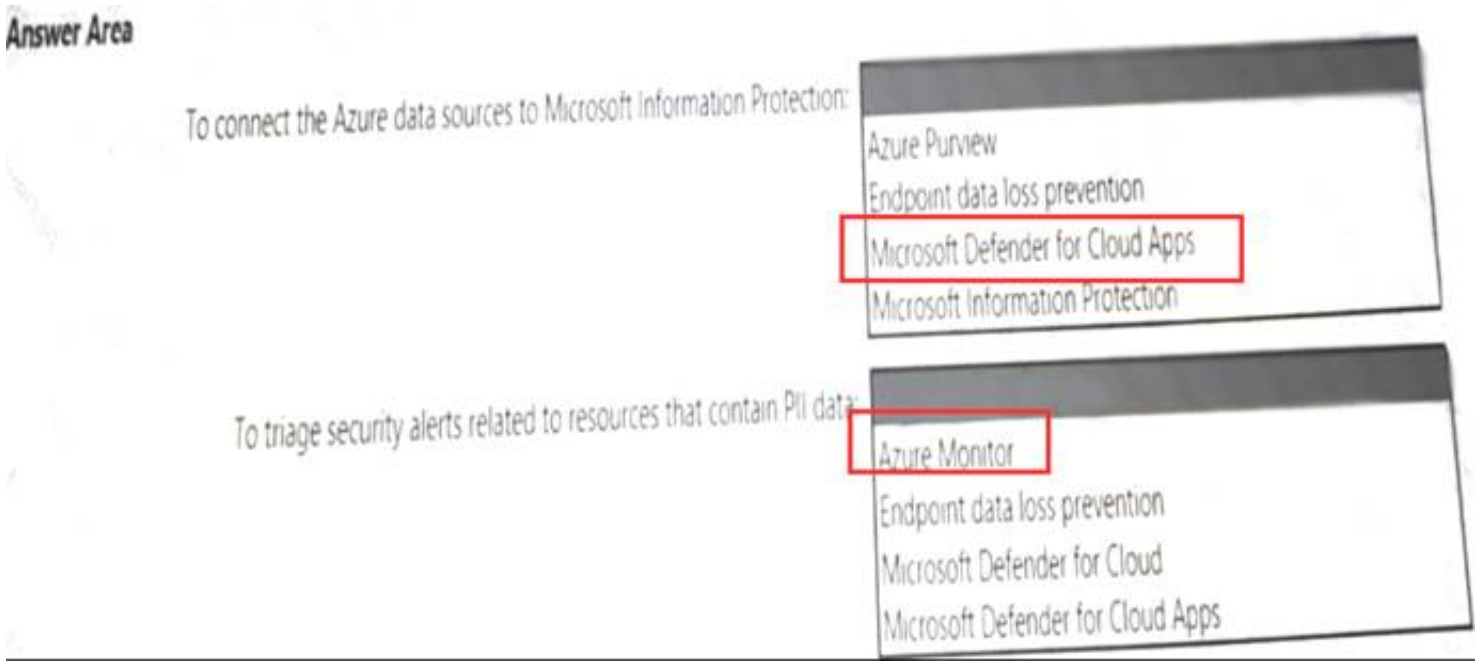
Answer Area



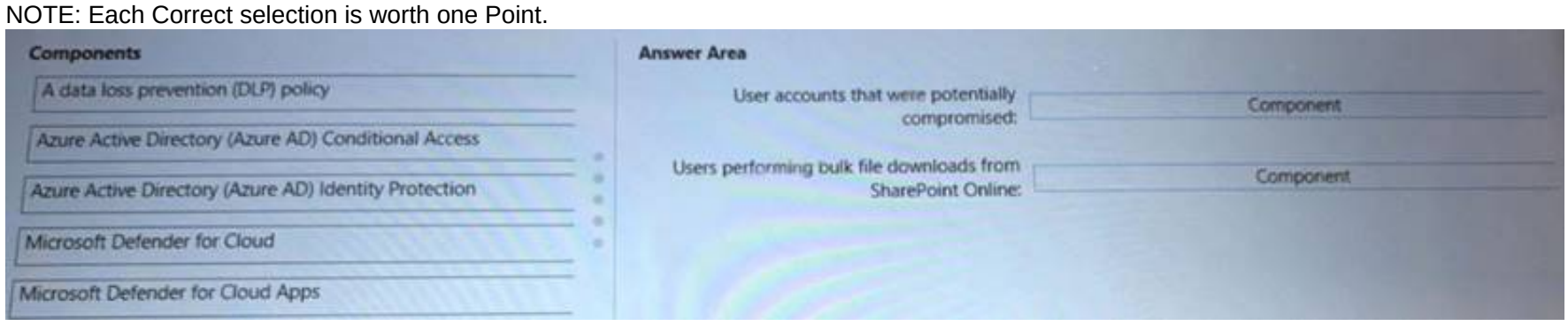
A. Mastered
B. Not Mastered

Answer: A

Explanation:



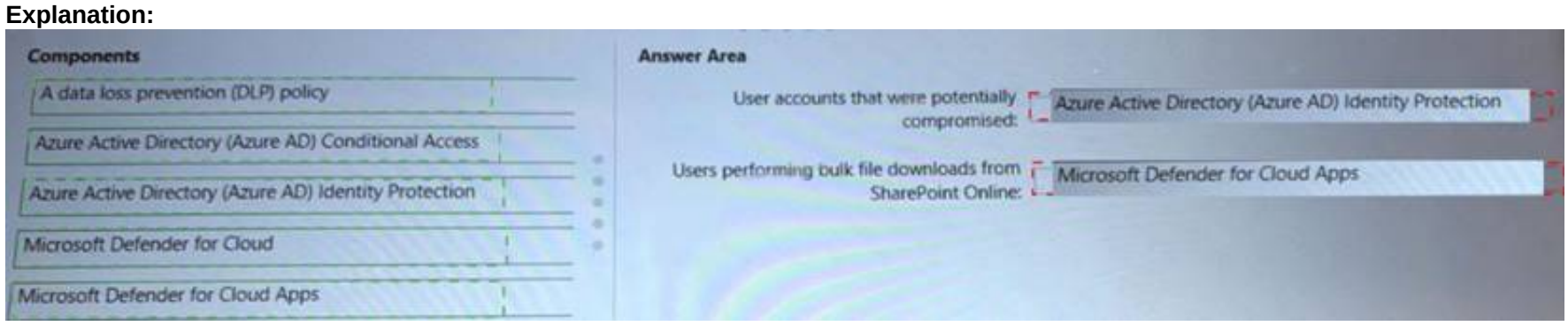
NEW QUESTION 44
- (Exam Topic 3)
You have a Microsoft 365 subscription
You need to recommend a security solution to monitor the following activities:
• User accounts that were potentially compromised
• Users performing bulk file downloads from Microsoft SharePoint Online
What should you include in the 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 45
- (Exam Topic 3)
Your company has an on-premise network in Seattle and an Azure subscription. The on-premises network contains a Remote Desktop server.
The company contracts a third-party development firm from France to develop and deploy resources to the virtual machines hosted in the Azure subscription.
Currently, the firm establishes an RDP connection to the Remote Desktop server. From the Remote Desktop connection, the firm can access the virtual machines hosted in Azure by using custom administrative tools installed on the Remote Desktop server. All the traffic to the Remote Desktop server is captured by a firewall, and the firewall only allows specific connections from France to the server.
You need to recommend a modern security solution based on the Zero Trust model. The solution must minimize latency tor developers.
Which three actions should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Configure network security groups (NSGs) to allow access from only specific logical groupings of IP address ranges.
B. Implement Azure Firewall to restrict host pool outbound access.
C. Configure Azure Active Directory (Azure AD) Conditional Access with multi-factor authentication (MFA) and named locations.
D. Migrate from the Remote Desktop server to Azure Virtual Desktop.
E. Deploy a Remote Desktop server to an Azure region located in France.

Answer: BDE

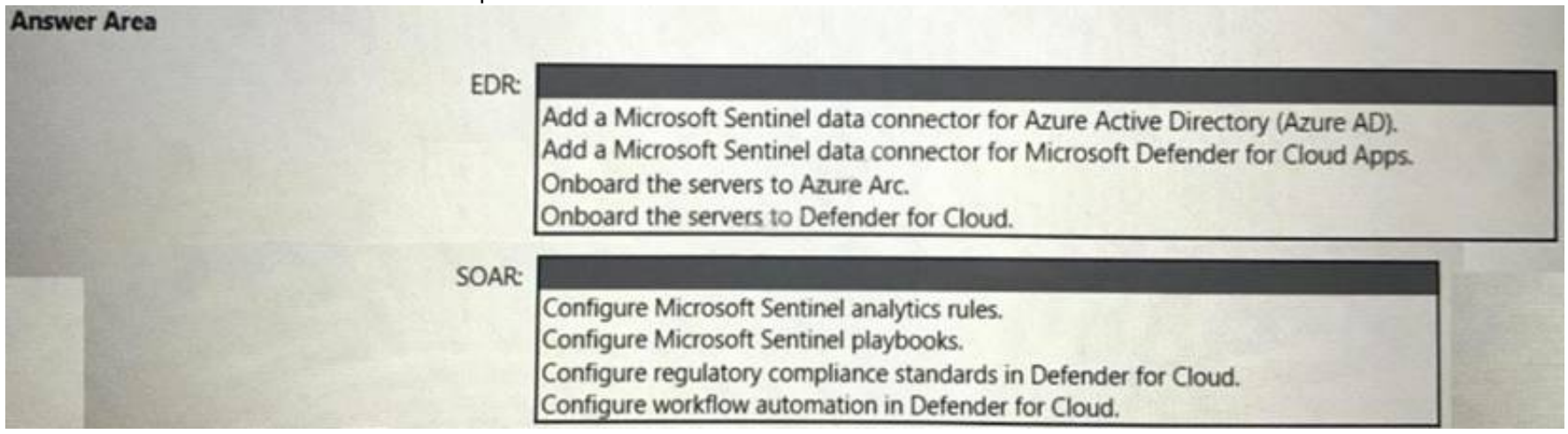
NEW QUESTION 49
- (Exam Topic 3)
Your company has a hybrid cloud infrastructure.

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

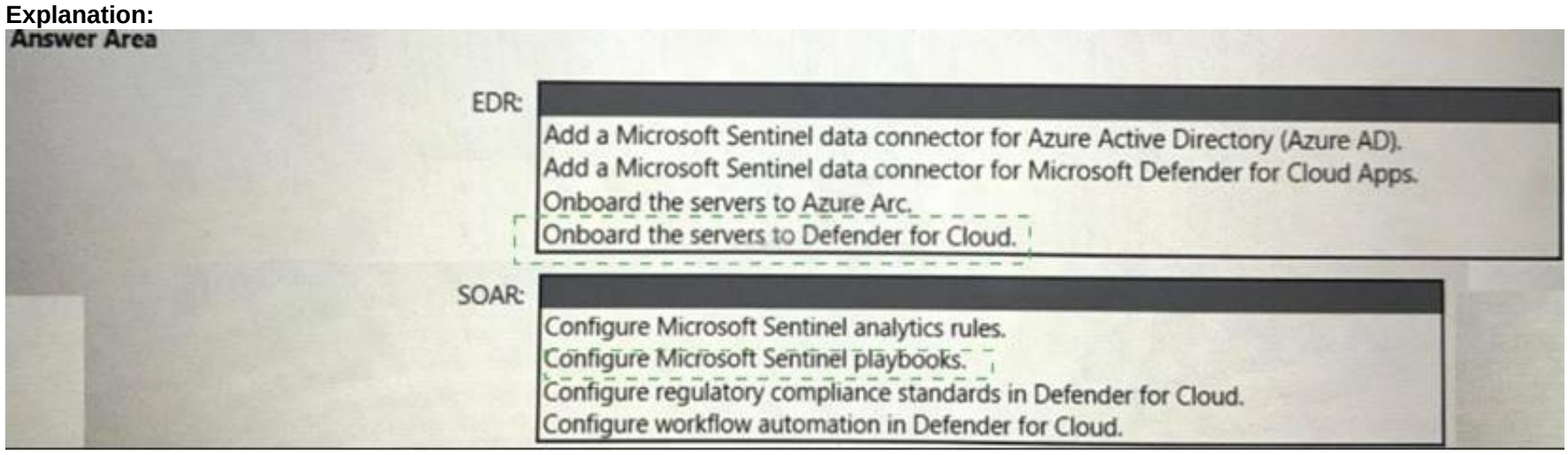
NEW QUESTION 50
- (Exam Topic 3)
You have a Microsoft 365 subscription and an Azure subscription. Microsoft 365 Defender and Microsoft Defender for Cloud are enabled.
The Azure subscription contains a Microsoft Sentinel workspace. Microsoft Sentinel data connectors are configured for Microsoft 365, Microsoft 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.



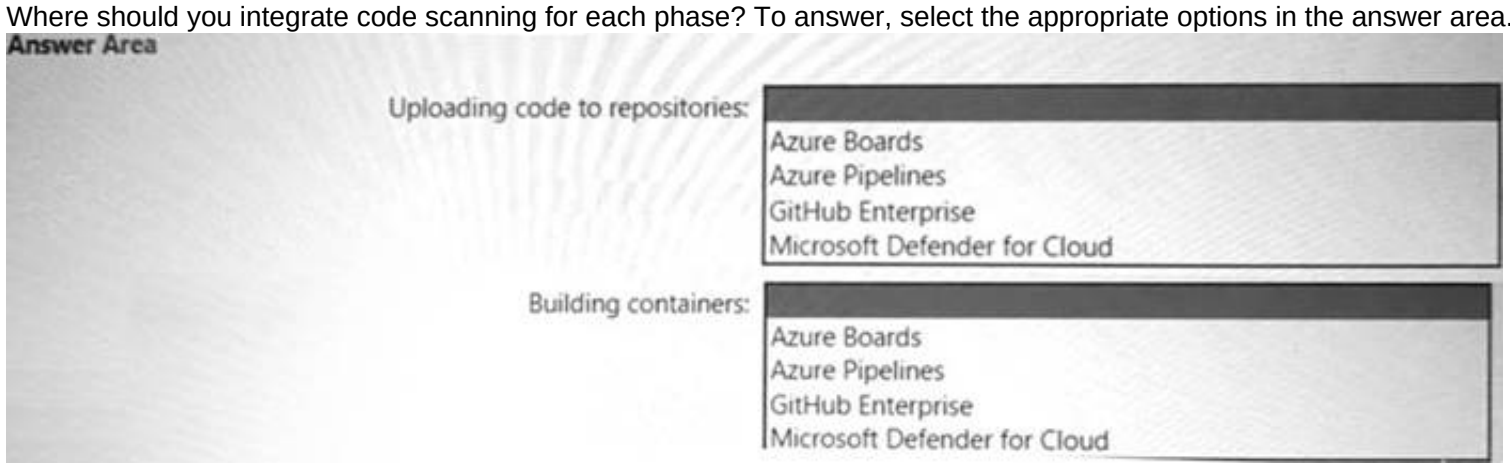
A. Mastered
B. Not Mastered

Answer: A

Explanation:



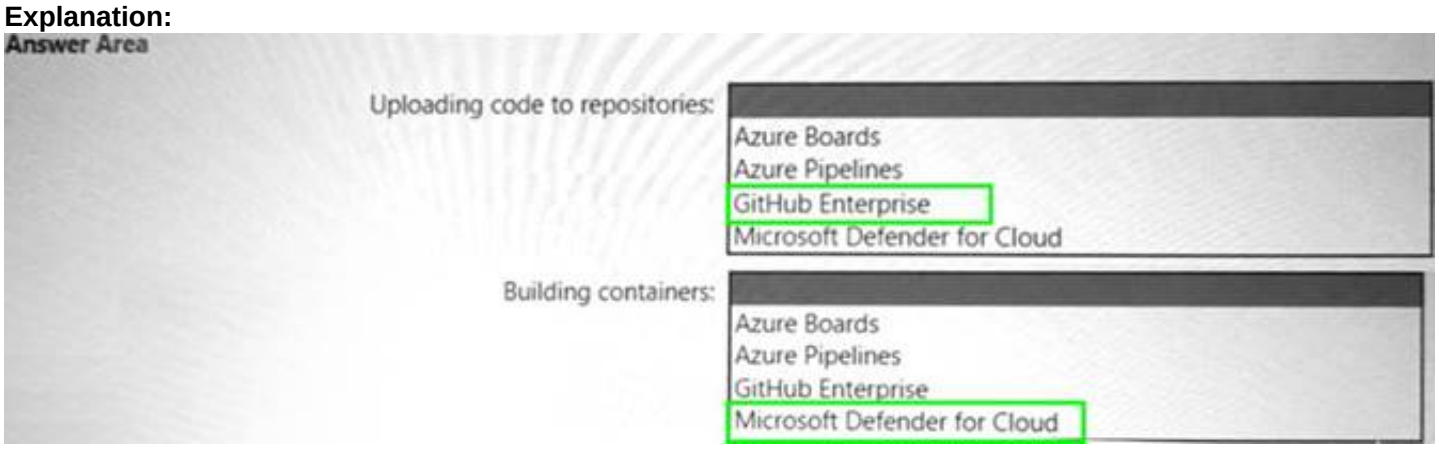
NEW QUESTION 55
- (Exam Topic 3)
Your company has an Azure App Service plan that is used to deploy containerized web apps. You are
designing a secure DevOps strategy for deploying the web apps to the App Service plan. You need to recommend a strategy to integrate code scanning tools into a secure software 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 58
- (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 attach 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

NEW QUESTION 63
- (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

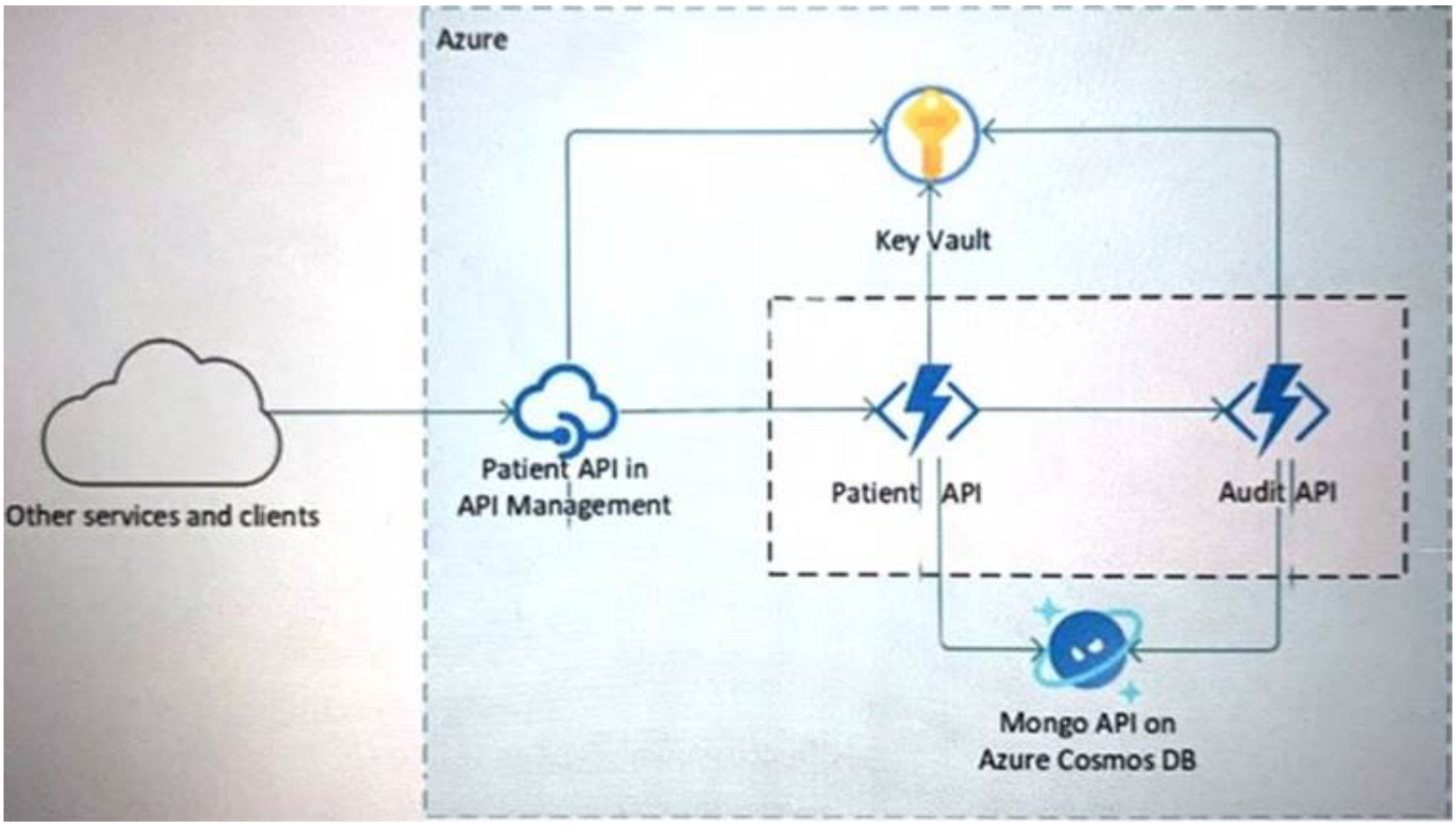
Answer: C

NEW QUESTION 64
- (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 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

NEW QUESTION 70
- (Exam Topic 3)
You are designing an auditing solution for Azure landing zones that will contain the following components:
• SQL audit logs for Azure SQL databases
• Windows Security logs from Azure virtual machines
• Azure App Service audit logs from App Service web apps
You need to recommend a centralized logging solution for the landing zones. The solution must meet the following requirements:
• Log all privileged access.
• Retain logs for at least 365 days.
• Minimize costs.
What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

For the SQL audit logs:
- A Log Analytics workspace
- Azure Application Insights
- Microsoft Defender for SQL
- Microsoft Sentinel

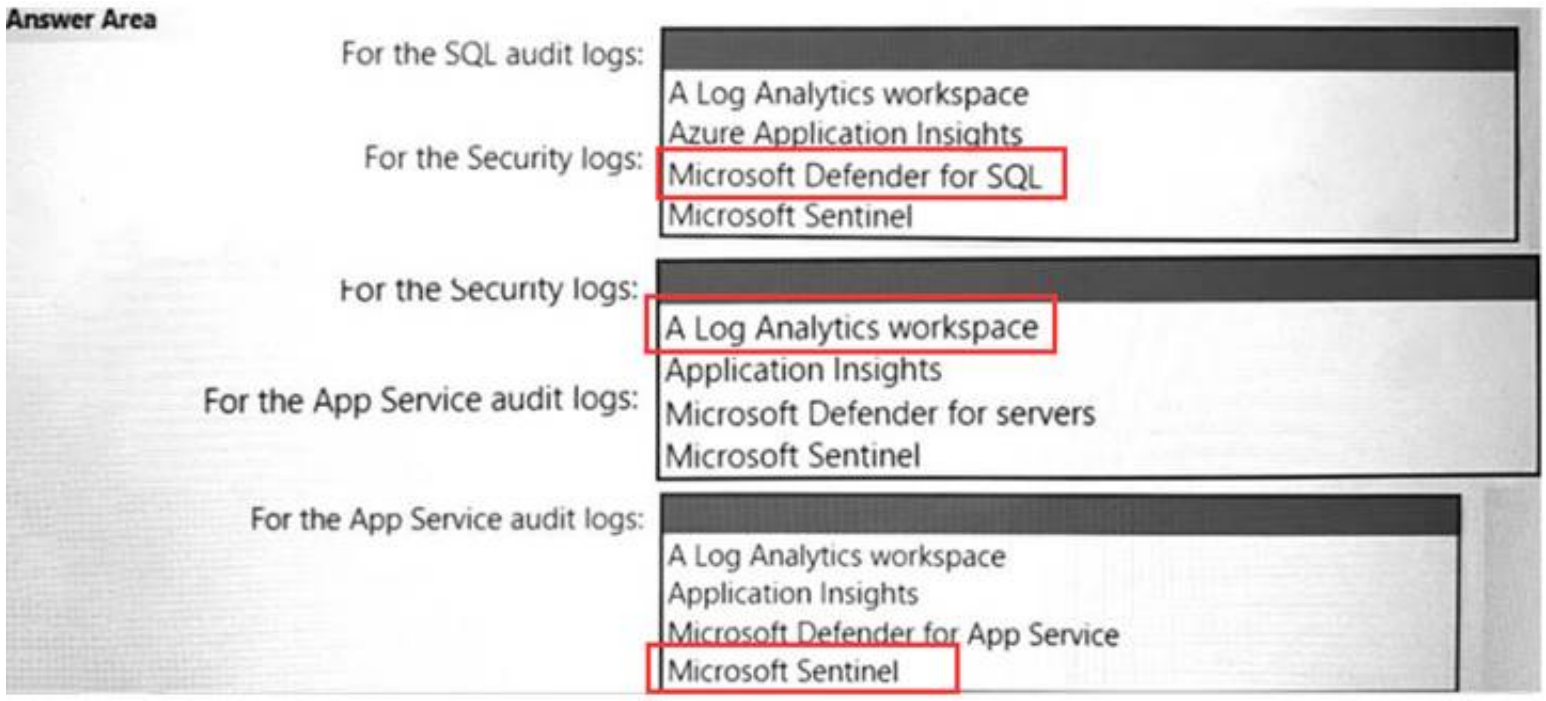
For the Security logs:
- A Log Analytics workspace
- Application Insights
- Microsoft Defender for servers
- Microsoft Sentinel

For the App Service audit logs:
- A Log Analytics workspace
- Application Insights
- Microsoft Defender for App Service
- Microsoft Sentinel

A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 72
- (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
t\me-Vim\ted. 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 77
- (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: CD

NEW QUESTION 81
- (Exam Topic 3)
Your company is developing a new Azure App Service web app. You are providing design assistance to verify the security of the web app.
You need to recommend a solution to test the web app for vulnerabilities such as insecure server configurations, cross-site scripting (XSS), and SQL injection.
What should you include in the recommendation?

A. interactive application security testing (IAST)
B. static application security testing (SAST)
C. runtime application se/f-protection (RASP)
D. dynamic application security testing (DAST)

Answer: A

NEW QUESTION 82
- (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 AllowSharcdKeyAccess property to false.
C. Set the AllowBlobPublicAcccss property to false.
D. Configure automated key rotation.

Answer: A

NEW QUESTION 83
- (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

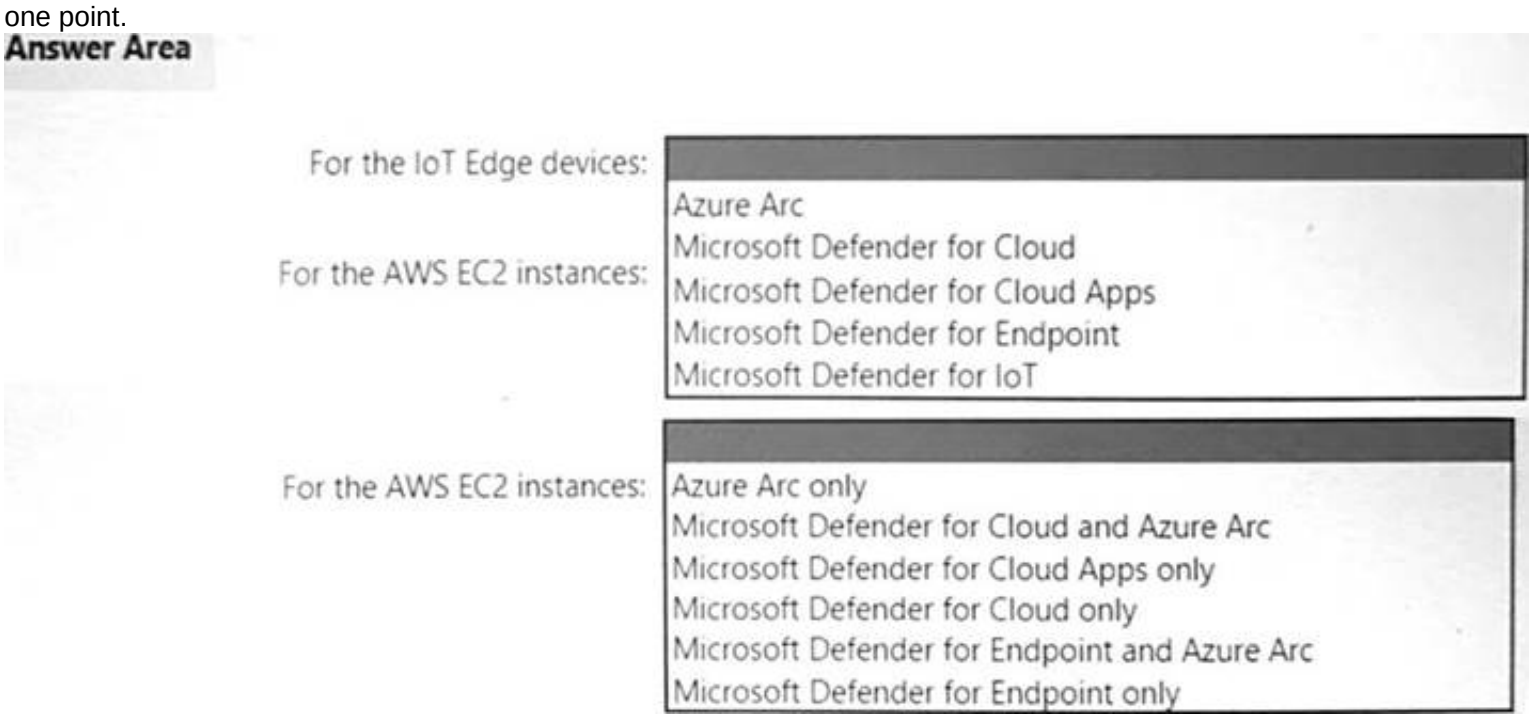
NEW QUESTION 85
- (Exam Topic 3)
You have a Microsoft 365 E5 subscription.
You are designing a solution to protect confidential data in Microsoft SharePoint Online sites that contain more than one million documents.
You need to recommend a solution to prevent Personally Identifiable Information (Pll) 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: AD

NEW QUESTION 87
- (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 loT 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

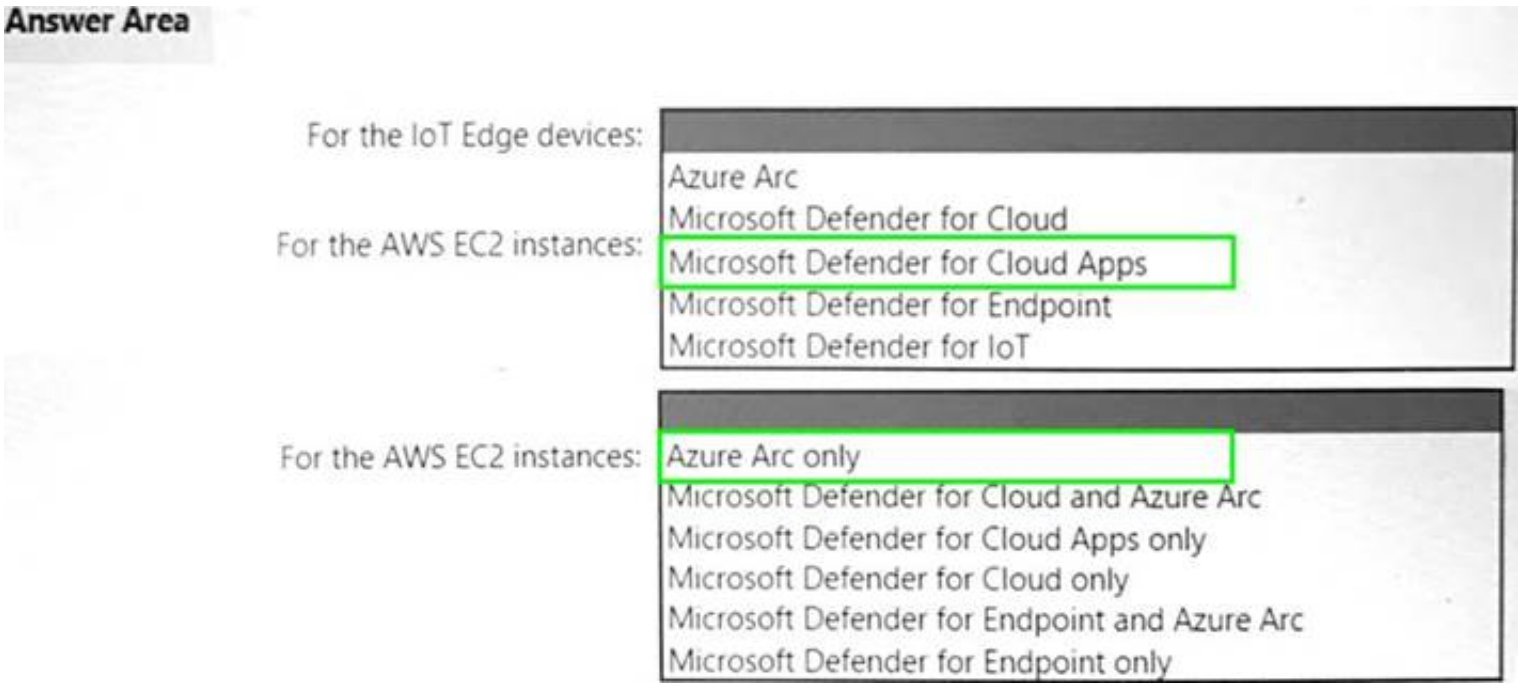


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 90

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