Exam Questions SC-100

Microsoft Cybersecurity Architect

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

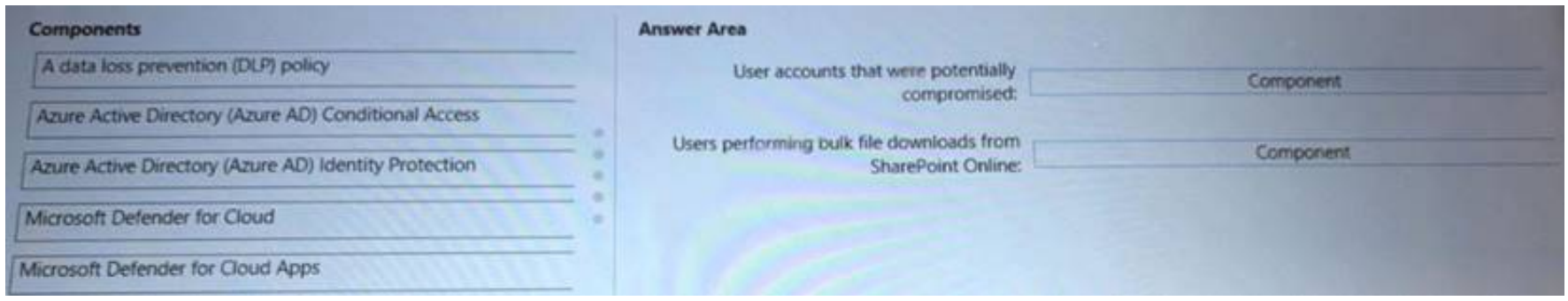
NEW QUESTION 1
- (Exam Topic 3)
You have an Azure subscription that has Microsoft Defender for Cloud enabled. You are evaluating the Azure Security Benchmark V3 report.
In the Secure management ports controls, you discover that you have 0 out of a potential 8 points. You need to recommend configurations to increase the score of the Secure management ports controls. Solution: You recommend enabling adaptive network hardening.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
JIT:
https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-privileged-access#pa-2-avoid-s
Adaptive Network Hardening:
https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-network-security#ns-7-simplify

NEW QUESTION 2
- (Exam Topic 3)
You have a Microsoft 365 subscription
You need to recommend a security solution to monitor the following activities:
• User accounts that were potentially compromised
• Users performing bulk file downloads from Microsoft SharePoint Online
What should you include in the recommendation for each activity? To answer, drag the appropriate components to the correct activities. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each Correct selection is worth one Point.



A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 3
- (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 4
- (Exam Topic 3)
You are evaluating an Azure environment for compliance.
You need to design an Azure Policy implementation that can be used to evaluate compliance without changing any resources.
Which effect should you use in Azure Policy?

A. Deny
B. Disabled
C. Modify
D. Append

Answer: B

Explanation:
Before looking to manage new or updated resources with your new policy definition, it's best to see how it evaluates a limited subset of existing resources, such as a test resource group. Use the enforcement mode Disabled (DoNotEnforce) on your policy assignment to prevent the effect from triggering or activity log entries

from being created.
https://docs.microsoft.com/en-us/azure/governance/policy/concepts/evaluate-impact

NEW QUESTION 5
- (Exam Topic 3)
You have an operational model based on the Microsoft Cloud Adoption framework for Azure.
You need to recommend a solution that focuses on cloud-centric control areas to protect resources such as endpoints, database, files, and storage accounts.
What should you include in the recommendation?

A. security baselines in the Microsoft Cloud Security Benchmark
B. modern access control
C. business resilience
D. network isolation

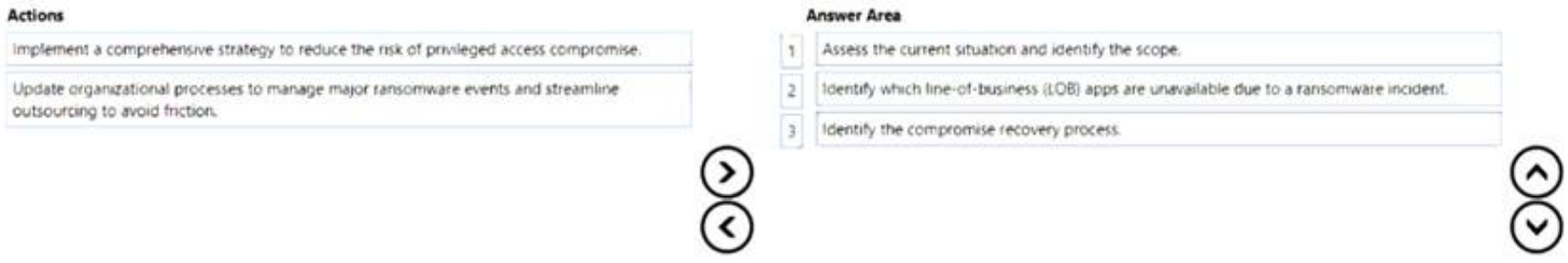
Answer: A

NEW QUESTION 6
- (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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

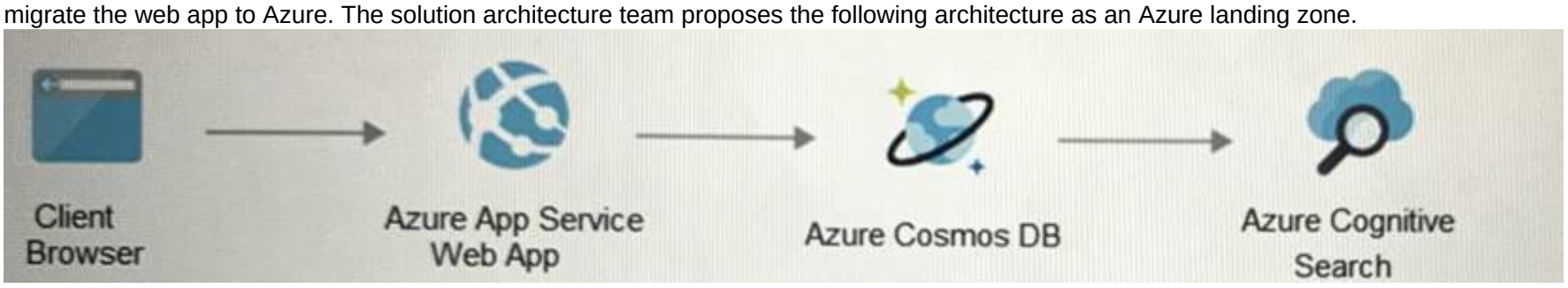


NEW QUESTION 7
- (Exam Topic 3)
You have a Microsoft 365 subscription.
You need to design a solution to block file downloads from Microsoft SharePoint Online by authenticated users on unmanaged devices.
Which two services should you include in the solution? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Microsoft Defender for Cloud Apps
B. Azure AD Application Proxy
C. Azure Data Catalog
D. Azure AD Conditional Access
E. Microsoft Purview Information Protection

Answer: AD

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 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.

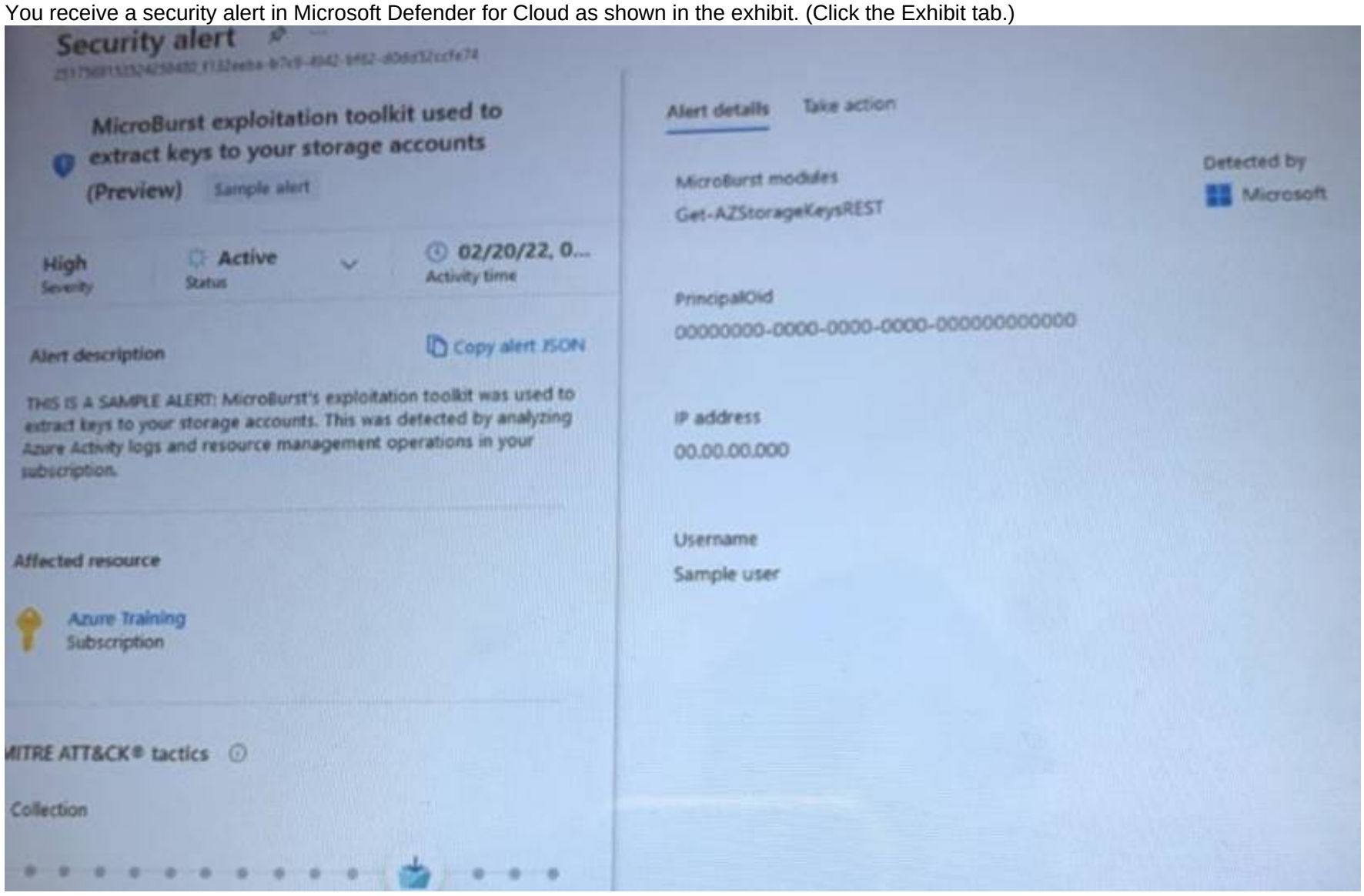
NEW QUESTION 9
- (Exam Topic 3)
You need to recommend a strategy for routing internet-bound traffic from the landing zones. The solution must meet the landing zone requirements.
What should you recommend as part of the landing zone deployment?

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

Answer: A

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

NEW QUESTION 10
- (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

Explanation:
https://docs.microsoft.com/en-us/azure/storage/blobs/anonymous-read-access-prevent

NEW QUESTION 10
- (Exam Topic 3)
You are designing a ransomware response plan that follows Microsoft Security Best Practices.
You need to recommend a solution to minimize the risk of a ransomware attack encrypting local user files. What should you include in the recommendation?

A. Microsoft Defender for Endpoint
B. Windows Defender Device Guard
C. protected folders

D. Azure Files
E. BitLocker Drive Encryption (BitLocker)

Answer: E

NEW QUESTION 12
- (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

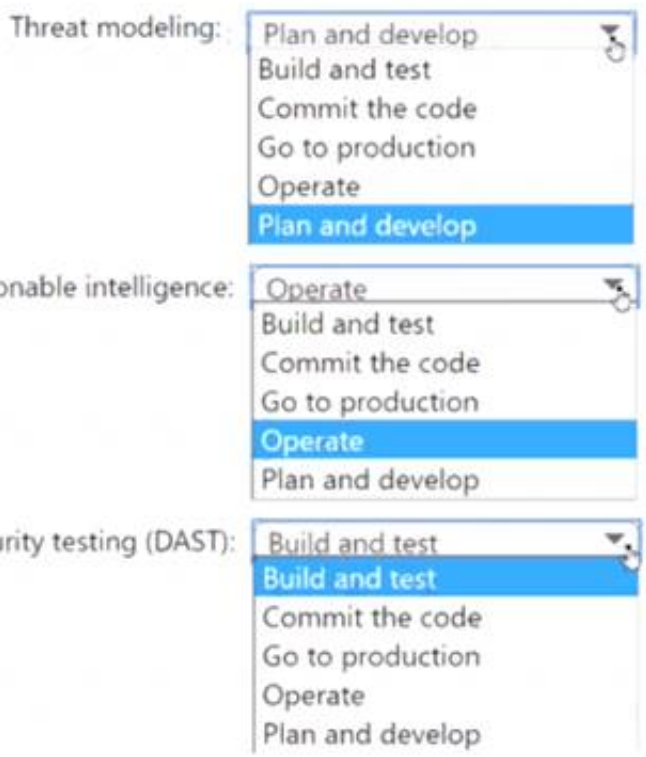
NEW QUESTION 13
- (Exam Topic 3)
Azure subscription that uses Azure Storage.
The company plans to share specific blobs with vendors. You need to recommend a solution to provide the vendors with secure access to specific blobs without exposing the blobs publicly. The access must be
t\me-Vim\ted. What 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 15
- (Exam Topic 3)
You need to recommend a security methodology for a DevOps development process based on the Microsoft Cloud Adoption Framework for Azure.
During which stage of a continuous integration and continuous deployment (CI/CD) DevOps process should each security-related task be performed? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point

Answer Area

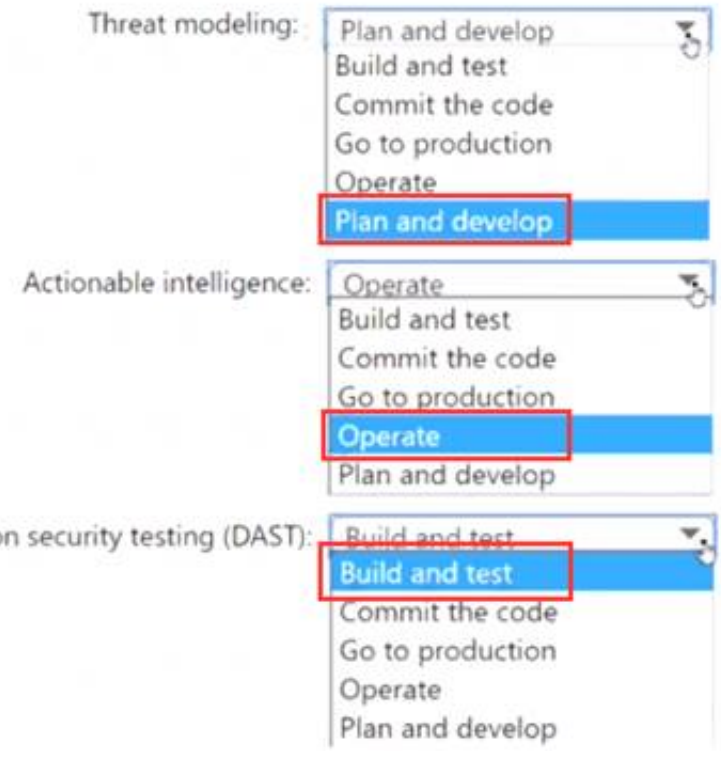


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 20
- (Exam Topic 3)
You have a Microsoft 365 tenant. Your company uses a third-party software as a service (SaaS) app named App1. App1 supports authenticating users by using Azure AO credentials. You need to recommend a solution to enable users to authenticate to App1 by using their Azure AD credentials. What should you include in the recommendation?

A. an Azure AD enterprise application
B. a retying party trust in Active Directory Federation Services (AD FS)
C. Azure AD Application Proxy
D. Azure AD B2C

Answer: A

NEW QUESTION 24
- (Exam Topic 3)
For a Microsoft cloud environment, you are designing a security architecture based on the Microsoft Cloud Security Benchmark.
What are three best practices for identity management based on the Azure Security Benchmark? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Manage application identities securely and automatically.
B. Manage the lifecycle of identities and entitlements
C. Protect identity and authentication systems.
D. Enable threat detection for identity and access management.
E. Use a centralized identity and authentication system.

Answer: ACE

NEW QUESTION 28
- (Exam Topic 3)
Your company has on-premises Microsoft SQL Server databases. The company plans to move the databases to Azure.
You need to recommend a secure architecture for the databases that will minimize operational requirements for patching and protect sensitive data by using dynamic data masking. The solution must minimize costs.
What should you include in the recommendation?

A. Azure SQL Managed Instance
B. Azure Synapse Analytics dedicated SQL pools
C. Azure SQL Database
D. SQL Server on Azure Virtual Machines

Answer: C

NEW QUESTION 33
- (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 37
- (Exam Topic 3)
You are designing a ransomware response plan that follows Microsoft Security Best Practices
You need to recommend a solution to limit the scope of damage of ransomware attacks without being locked out.
What should you include in the recommendations?

A. Privileged Access Workstations (PAWs)
B. emergency access accounts
C. device compliance policies
D. Customer Lockbox for Microsoft Azure

Answer: B

NEW QUESTION 39
- (Exam Topic 3)
You have an Azure AD tenant that syncs with an Active Directory Domain Services (AD DS) domain. You have an on-premises datacenter that contains 100 servers. The servers run Windows Server and are
backed up by using Microsoft Azure Backup Server (MABS).
You are designing a recovery solution for ransomware attacks. The solution follows Microsoft Security Best Practices.
You need to ensure that a compromised administrator account cannot be used to delete the backups What should you do?

A. From a Recovery Services vault generate a security PIN for critical operations.
B. From Azure Backup, configure multi-user authorization by using Resource Guard.
C. From Microsoft Azure Backup Setup, register MABS with a Recovery Services vault
D. From Azure AD Privileged Identity Management (PIM), create a role assignment for the Backup Contributor role.

Answer: B

NEW QUESTION 40
- (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. 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 45
- (Exam Topic 3)
You have a Microsoft 365 subscription.
You are designing a user access solution that follows the Zero Trust principles of the Microsoft Cybersecurity Reference Architectures (MCRA).
You need to recommend a solution that automatically restricts access to Microsoft Exchange Online. SharePoint Online, and Teams m near-real-lime (NRT) in response to the following Azure AD events:
• A user account is disabled or deleted
• The password of a user is changed or reset.
• All the refresh tokens for a user are revoked
• Multi-factor authentication (MFA) is enabled for a user
Which two features should you include in the recommendation? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. continuous access evaluation
B. a sign-in risk policy
C. Azure AD Privileged Identity Management (PIM)
D. Conditional Access
E. Azure AD Application Proxy

Answer: AD

NEW QUESTION 46
- (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 49
- (Exam Topic 3)
Your company has an Azure subscription that has enhanced security enabled for Microsoft Defender for Cloud.
The company signs a contract with the United States government. You need to review the current subscription for NIST 800-53 compliance. What should you do first?

A. From Defender for Cloud, review the Azure security baseline for audit report.
B. From Defender for Cloud, review the secure score recommendations.
C. From Azure Policy, assign a built-in initiative that has a scope of the subscription.
D. From Defender for Cloud, enable Defender for Cloud plans.

Answer: C

Explanation:
https://docs.microsoft.com/en-us/azure/defender-for-cloud/update-regulatory-compliance-packages#what-regula

NEW QUESTION 50
- (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

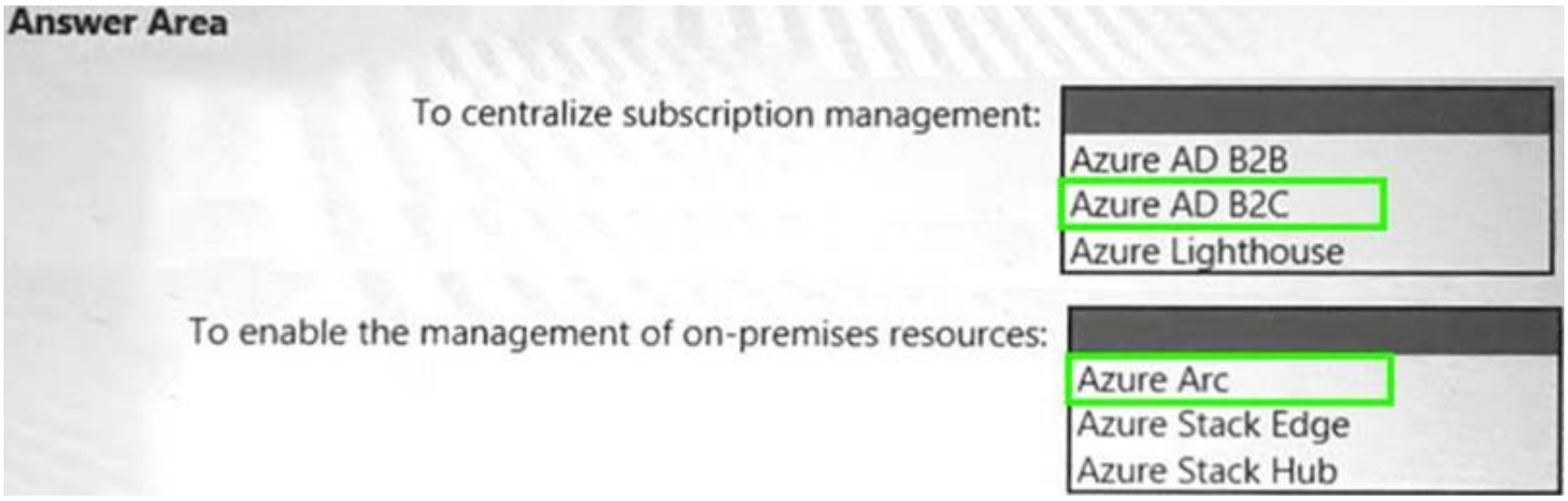
To enable the management of on-premises resources:

Azure Arc
Azure Stack Edge
Azure Stack Hub

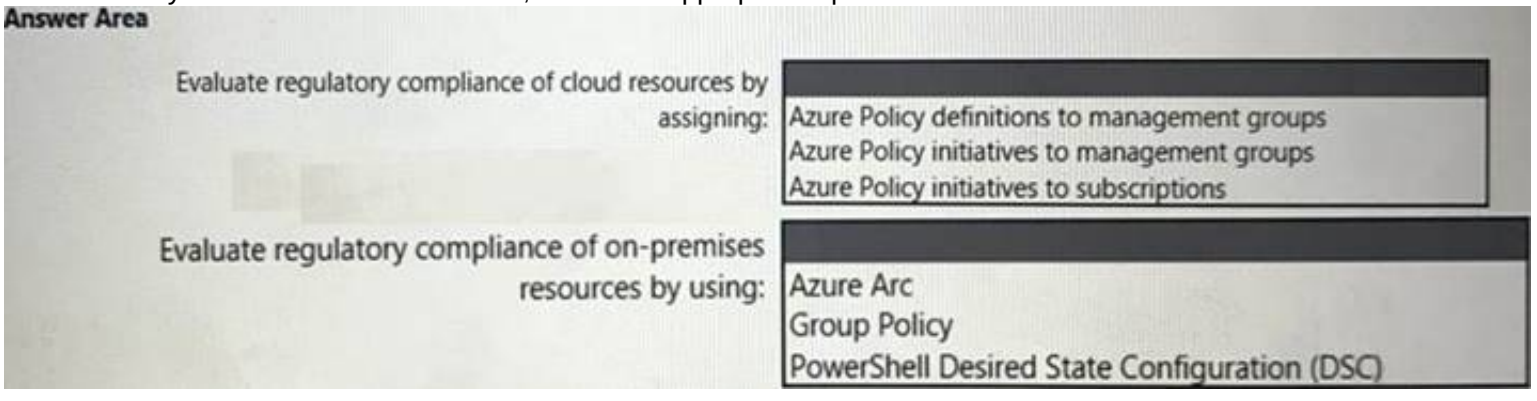
A. Mastered
B. Not Mastered

Answer: A

Explanation:



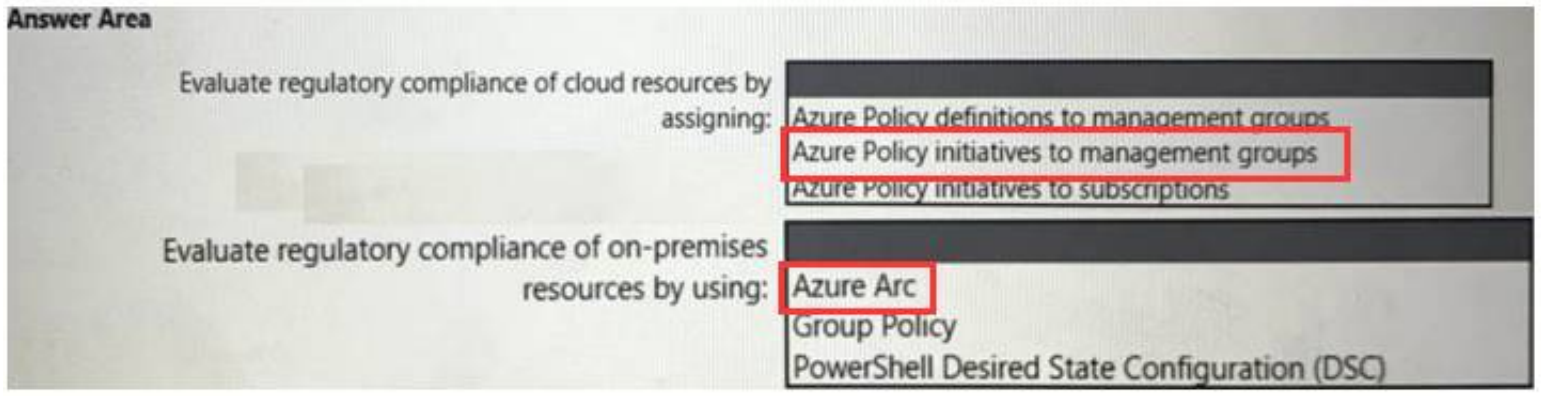
NEW QUESTION 51
- (Exam Topic 2)
You need to recommend a solution to evaluate regulatory compliance across the entire managed environment. The solution must meet the regulatory compliance requirements and the business requirements.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



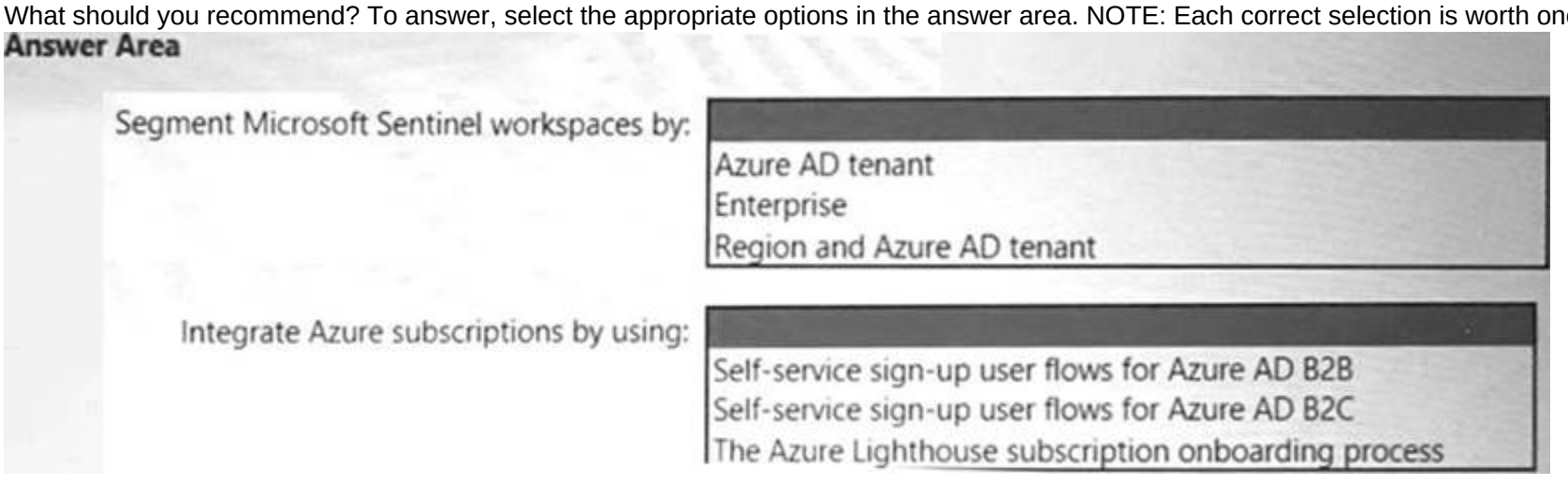
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 56
- (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.

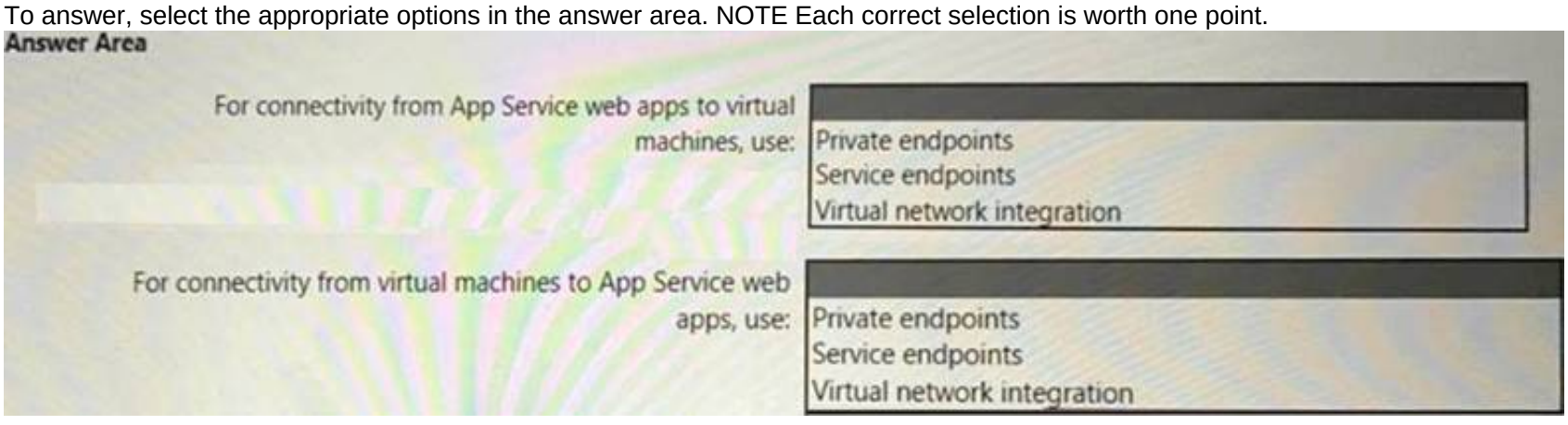


A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 57
- (Exam Topic 2)
You need to recommend a strategy for App Service web app connectivity. The solution must meet the landing zone requirements. What should you recommend?
To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Virtual Network Integration - correct
Virtual network integration gives your app access to resources in your virtual network, but it doesn't grant inbound private access to your app from the virtual network.
Box 2: Private Endpoints. - correct
You can use Private Endpoint for your Azure Web App to allow clients located in your private network to securely access the app over Private Link.

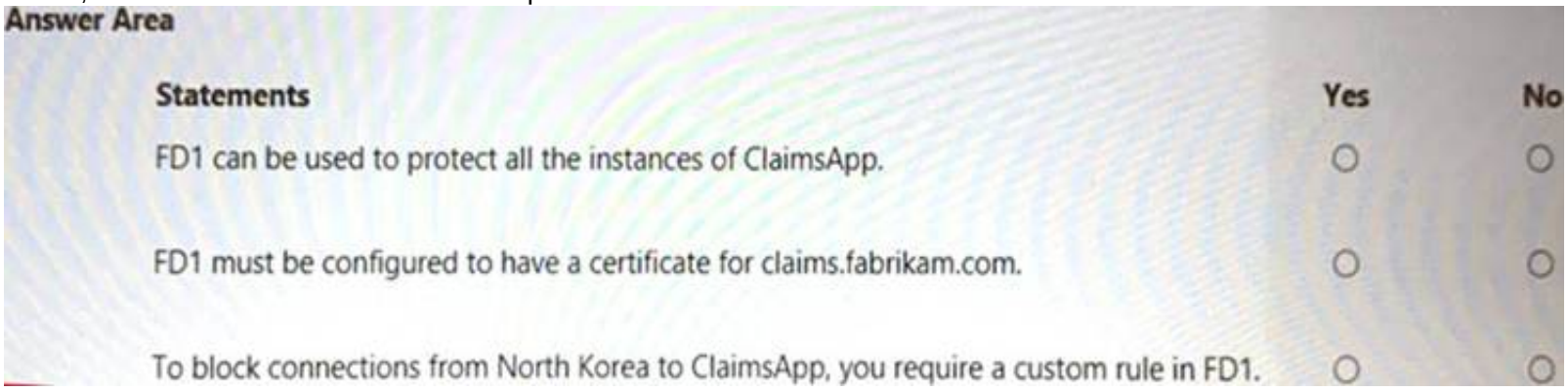
NEW QUESTION 60
- (Exam Topic 1)
You need to recommend a solution to resolve the virtual machine issue. What should you include in the recommendation? (Choose Two)

A. Onboard the virtual machines to Microsoft Defender for Endpoint.
B. Onboard the virtual machines to Azure Arc.
C. Create a device compliance policy in Microsoft Endpoint Manager.
D. Enable the Qualys scanner in Defender for Cloud.

Answer: AC

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

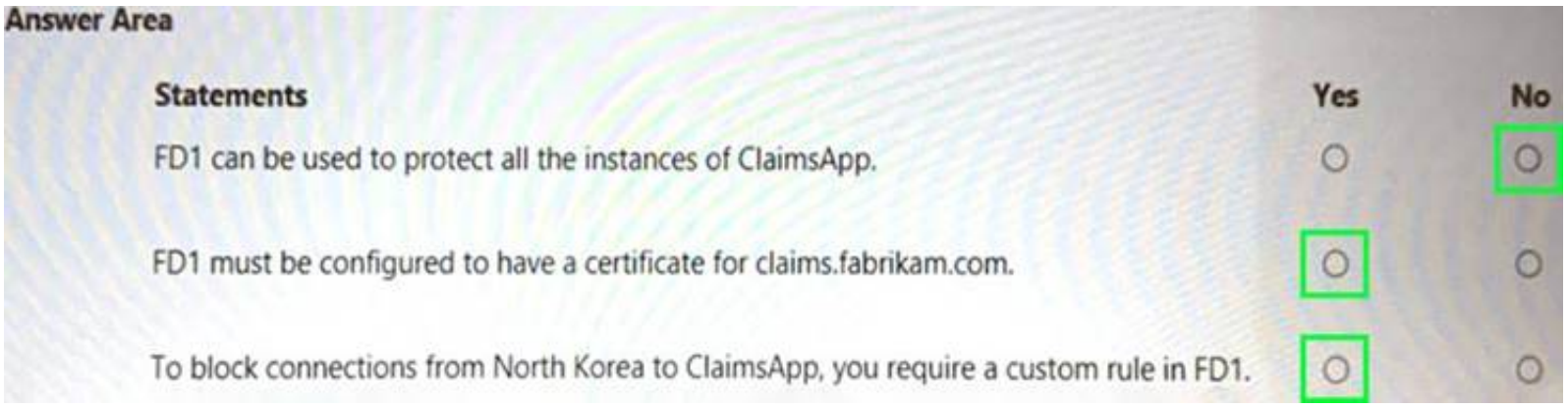
NEW QUESTION 63
- (Exam Topic 1)
You are evaluating the security of ClaimsApp.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE; Each correct selection is worth one point.



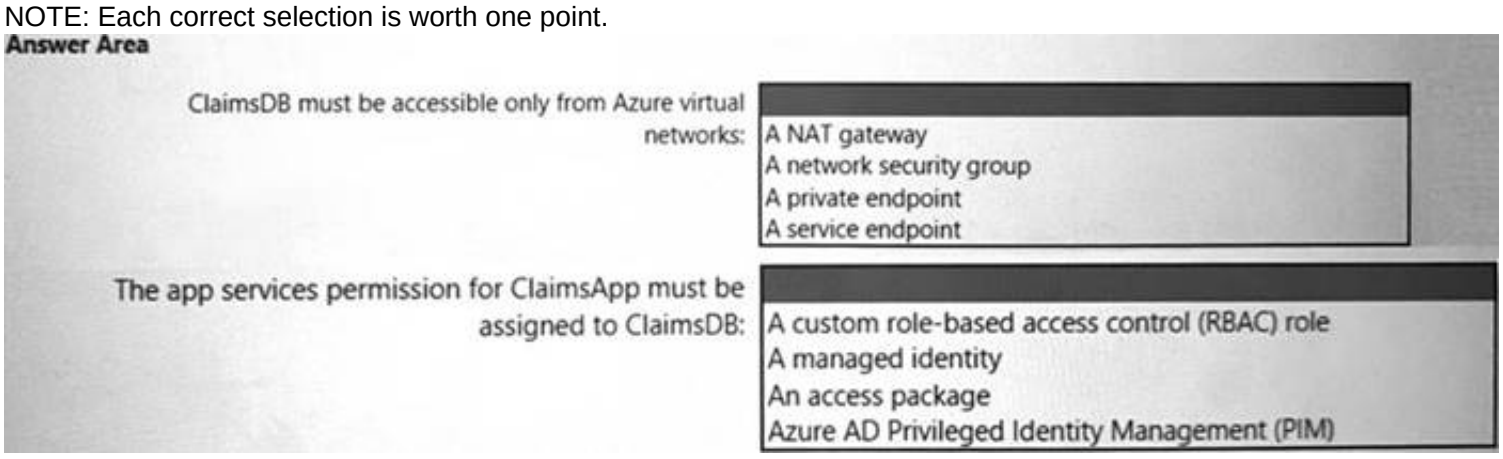
A. Mastered
B. Not Mastered

Answer: A

Explanation:



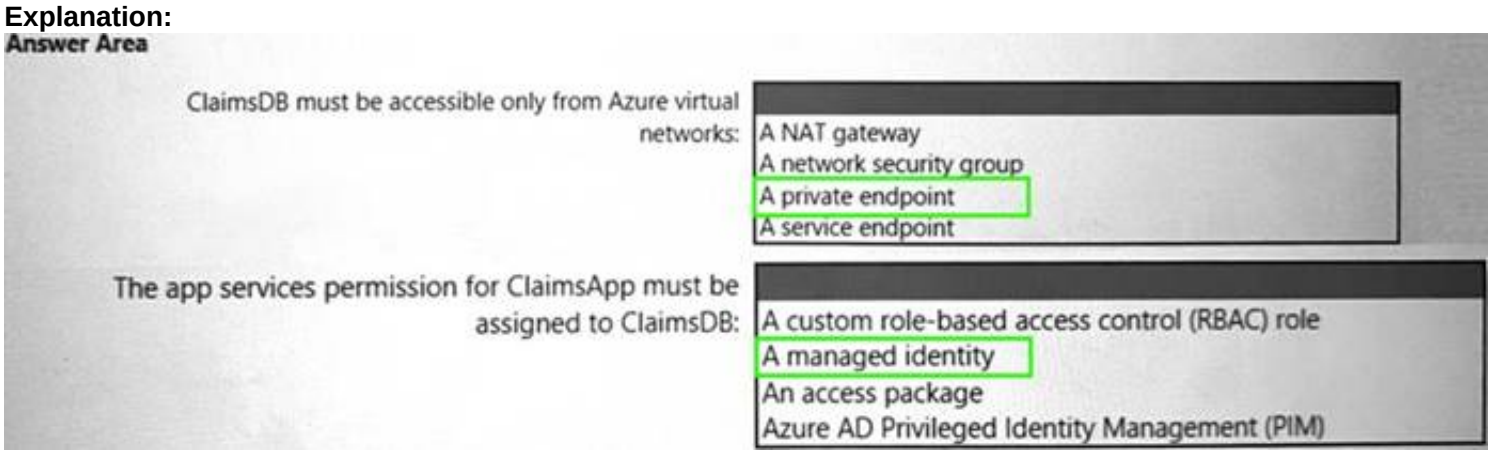
NEW QUESTION 64
- (Exam Topic 1)
You need to recommend a solution to meet the requirements for connections to ClaimsDB.
What should you recommend using for each requirement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 66
- (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 70
- (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: AC

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 72
- (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 73
- (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 50 virtual machines. Each virtual machine runs different applications on Windows Server 2019.
You need to recommend a solution to ensure that only authorized applications can run on the virtual machines. If an unauthorized application attempts to run or be installed, the application must be blocked automatically until an administrator authorizes the application.
Which security control should you recommend?

A. app discovery anomaly detection policies in Microsoft Defender for Cloud Apps
B. adaptive application controls in Defender for Cloud
C. Azure Security Benchmark compliance controls m Defender for Cloud
D. app protection policies in Microsoft Endpoint Manager

Answer: B

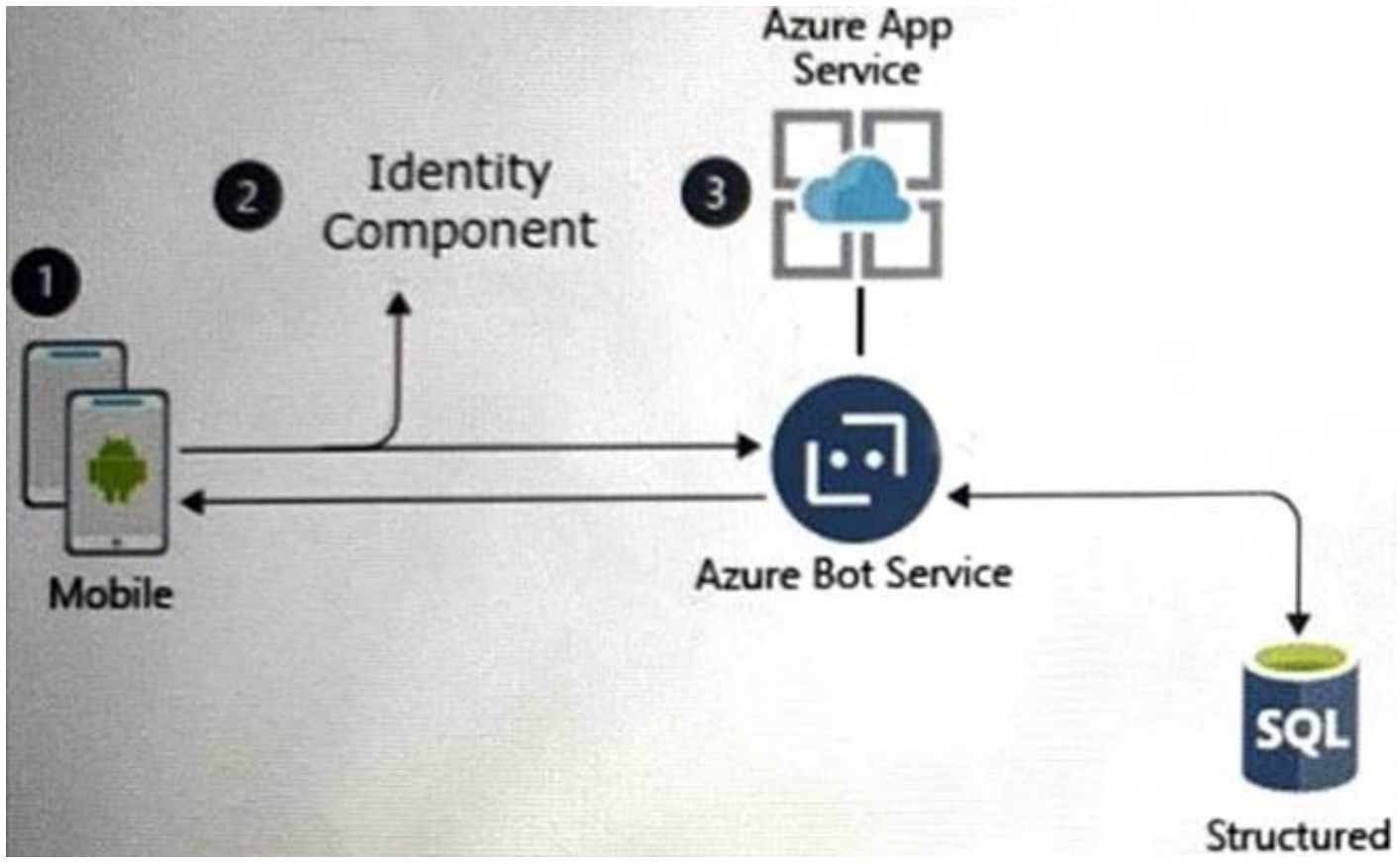
Explanation:
https://docs.microsoft.com/en-us/azure/defender-for-cloud/recommendations-reference#compute-recommendati

NEW QUESTION 78
- (Exam Topic 3)
You have an Azure subscription.
You have a DNS domain named contoso.com that is hosted by a third-party DNS registrar. Developers use Azure DevOps to deploy web apps to App Service Environments- When a new app is
deployed, a CNAME record for the app is registered in contoso.com.
You need to recommend a solution to secure the DNS record tor each web app. The solution must meet the following requirements:
• Ensure that when an app is deleted, the CNAME record for the app is removed also
• Minimize administrative effort.
What should you include in the recommendation?

A. Microsoft Defender for DevOps
B. Microsoft Defender foe App Service
C. Microsoft Defender for Cloud Apps
D. Microsoft Defender for DNS

Answer: C

NEW QUESTION 79
- (Exam Topic 3)
A customer uses Azure to develop a mobile app that will be consumed by external users as shown in the following exhibit.



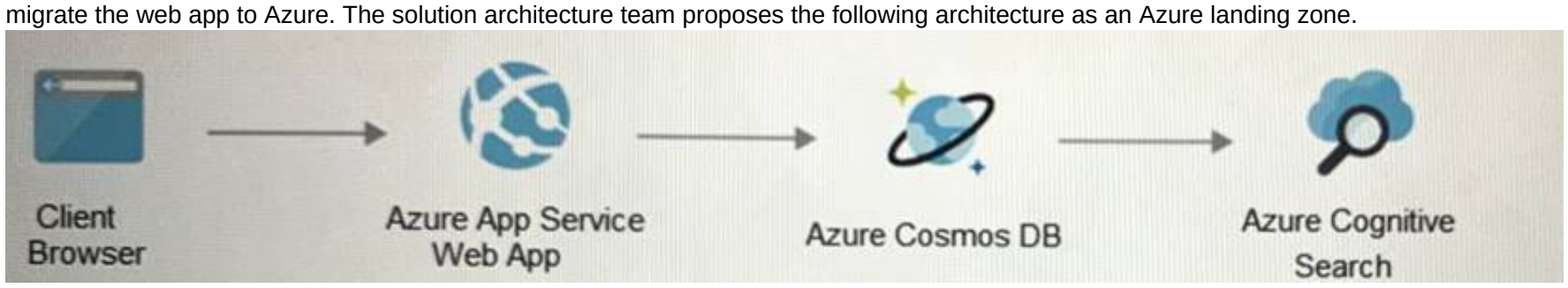
You need to design an identity strategy for the app. The solution must meet the following requirements:
• Enable the usage of external IDs such as Google, Facebook, and Microsoft accounts.
• Be managed separately from the identity store of the customer.
• Support fully customizable branding for each app.
Which service should you recommend to complete the design?

A. Azure Active Directory (Azure AD) B2C
B. Azure Active Directory (Azure AD) B2B
C. Azure AD Connect
D. Azure Active Directory Domain Services (Azure AD DS)

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory-b2c/identity-provider-facebook?pivots=b2c-user-flow https://docs.microsoft.com/en-us/azure/active-directory-b2c/customize-ui-with-html?pivots=b2c-user-flow

NEW QUESTION 80
- (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.

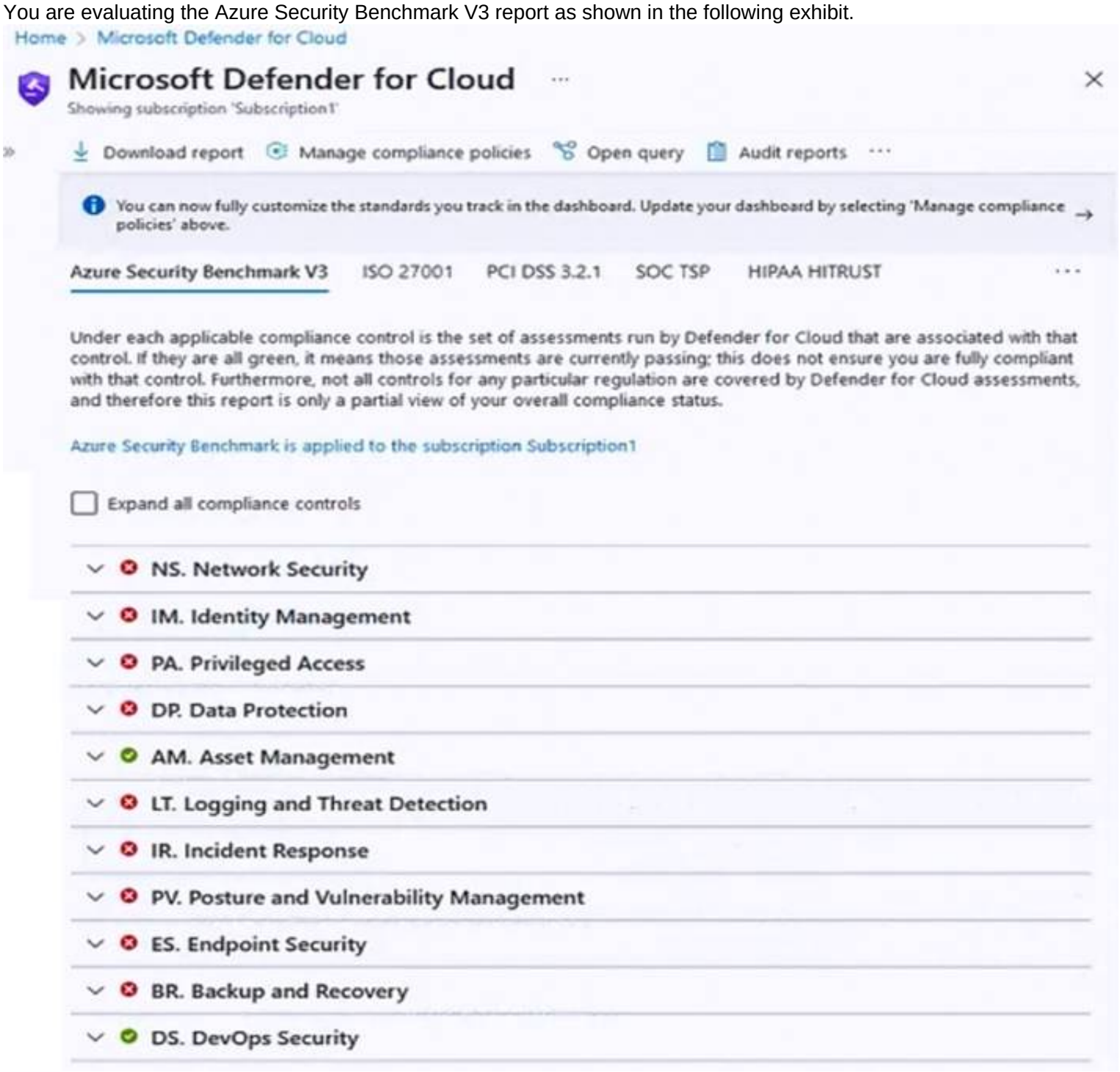
NEW QUESTION 84
- (Exam Topic 3)
Your company is moving all on-premises workloads to Azure and Microsoft 365. You need to design a security orchestration, automation, and response (SOAR) strategy in Microsoft Sentinel that meets the following requirements:
• Minimizes manual intervention by security 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 89
- (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

Explanation:
https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-endpoint-security

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 blob containers in Azure Storage, you recommend encryption that uses Microsoft-managed keys within an encryption scope.
Does this meet the goal?

A. Yes
B. No

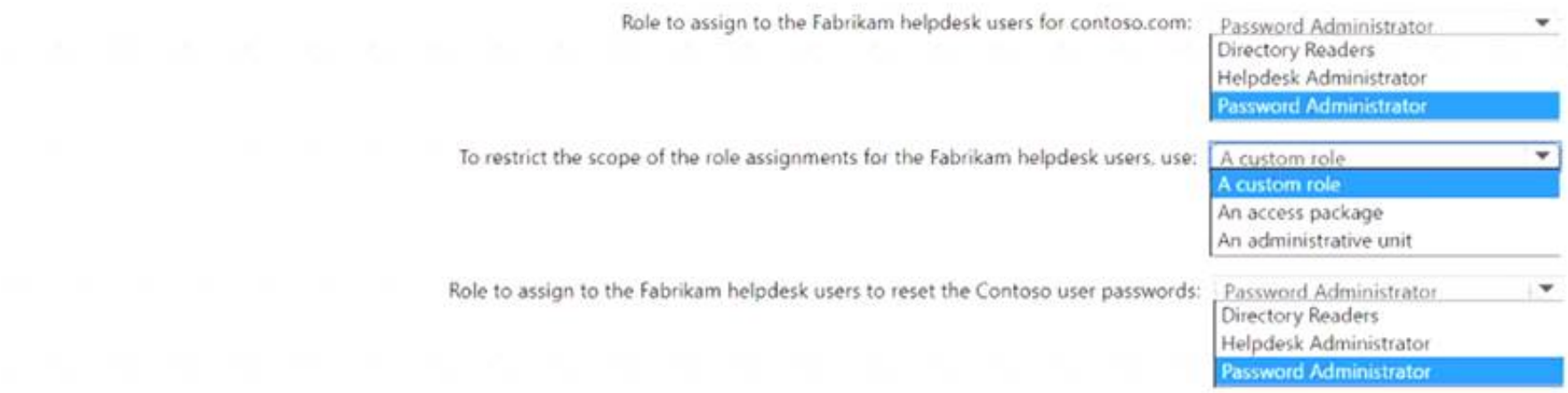
Answer: B

Explanation:
https://docs.microsoft.com/en-us/azure/key-vault/keys/how-to-configure-key-rotation

NEW QUESTION 95
- (Exam Topic 3)

Your company, named Contoso. Ltd... has an Azure AD tenant namedcontoso.com. Contoso has a partner company named Fabrikam. Inc. that has an Azure AD tenant named fabrikam.com. You need to ensure that helpdesk users at Fabrikam can reset passwords for specific users at Contoso. The solution must meet the following requirements:
• Follow the principle of least privilege.
• Minimize administrative effort.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

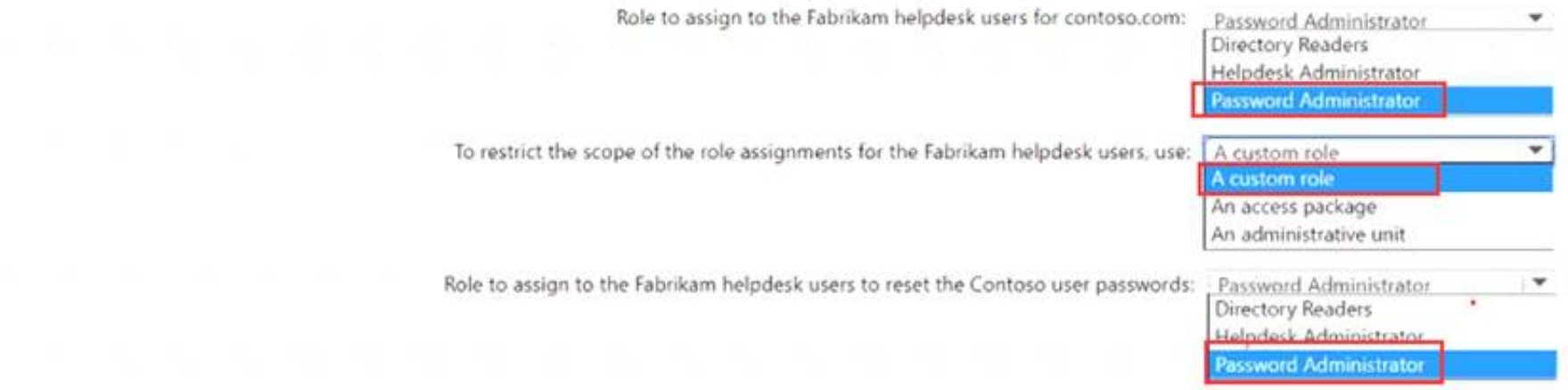


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 97
- (Exam Topic 3)
You have a Microsoft 365 E5 subscription that uses Microsoft Exchange Online.
You need to recommend a solution to prevent malicious actors from impersonating the email addresses of internal senders.
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

NEW QUESTION 101
- (Exam Topic 3)
Your company plans to provision blob storage by using an Azure Storage account The blob storage will be accessible from 20 application sewers on the internet. You need to recommend a solution to ensure that only the application servers can access the storage account. What should you recommend using to secure the blob storage?

A. service tags in network security groups (NSGs)
B. managed rule sets in Azure Web Application Firewall (WAF) policies
C. inbound rules in network security groups (NSGs)
D. firewall rules for the storage account
E. inbound rules in Azure Firewall

Answer: D

NEW QUESTION 103
- (Exam Topic 3)
You have a Microsoft 365 E5 subscription.
You need to recommend a solution to add a watermark to email attachments that contain sensitive data. What should you include in the recommendation?

A. Microsoft Defender for Cloud Apps
B. insider risk management
C. Microsoft Information Protection
D. Azure Purview

Answer: C

Explanation:
https://docs.microsoft.com/en-us/microsoft-365/compliance/sensitivity-labels?view=o365-worldwide
You can use sensitivity labels to: Provide protection settings that include encryption and content markings. For example, apply a "Confidential" label to a document or email, and that label encrypts the content and applies a "Confidential" watermark. Content markings include headers and footers as well as watermarks, and encryption can also restrict what actions authorized people can take on the content. Protect content in Office apps across different platforms and devices. Supported by Word, Excel, PowerPoint, and Outlook on the Office desktop apps and Office on the web. Supported on Windows, macOS, iOS, and Android. Protect content in third-party apps and services by using Microsoft Defender for Cloud Apps. With Defender for Cloud Apps, you can detect, classify, label, and protect content in third-party apps and services, such as SalesForce, Box, or DropBox, even if the third-party app or service does not read or support sensitivity labels.

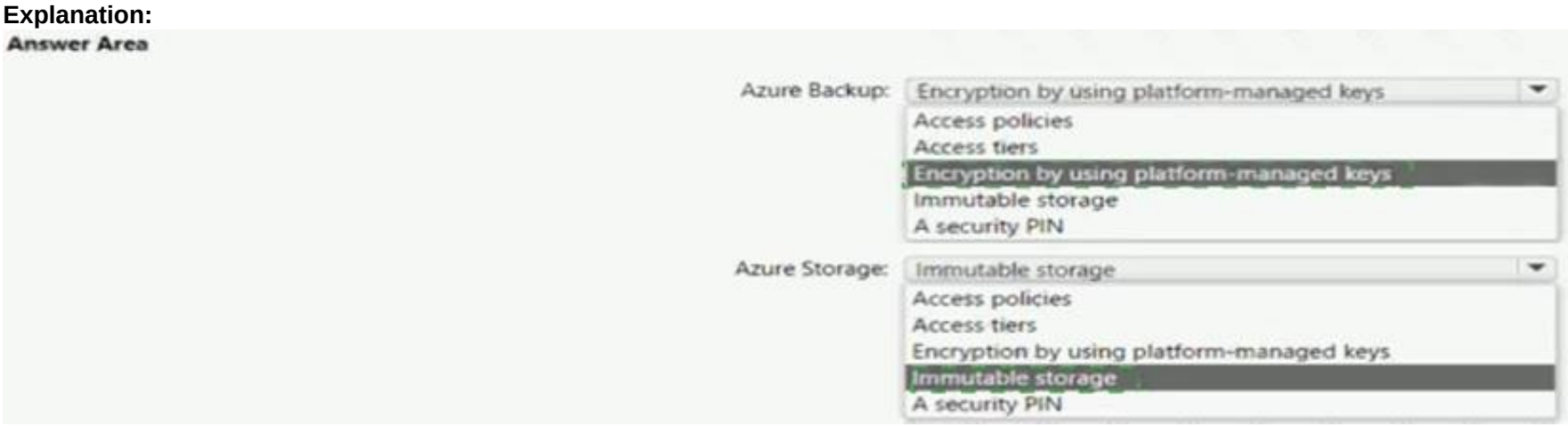
NEW QUESTION 105
- (Exam Topic 3)
Your company wants to optimize using Azure to protect its resources from ransomware.
You need to recommend which capabilities of Azure Backup and Azure Storage provide the strongest protection against ransomware attacks. The solution must follow Microsoft Security Best 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

A. Mastered
B. Not Mastered

Answer: A

Explanation:



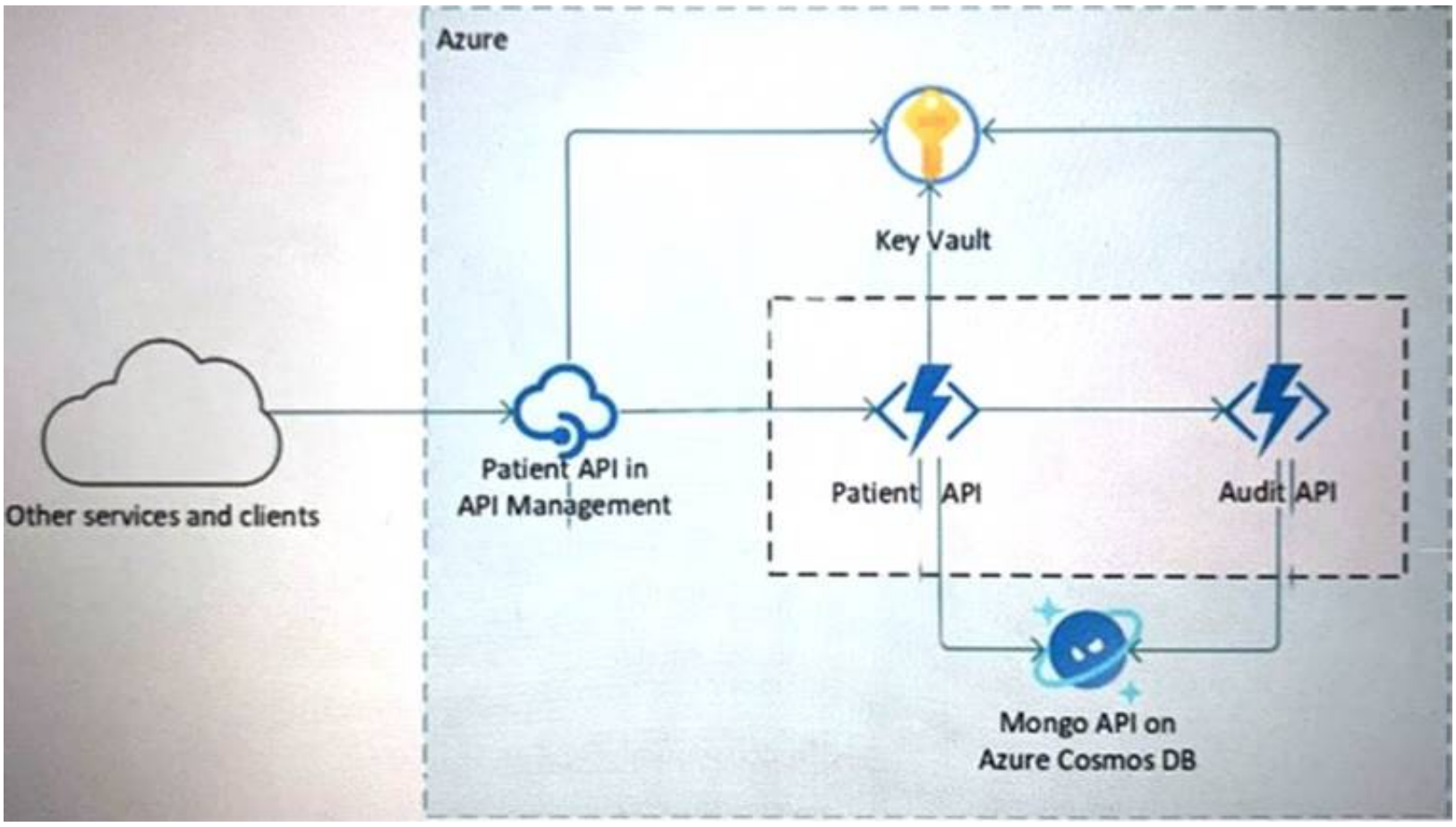
NEW QUESTION 106
- (Exam Topic 3)
You have a Microsoft 365 subscription that is protected by using Microsoft 365 Defender
You are designing a security operations strategy that will use Microsoft Sentinel to monitor events from Microsoft 365 and Microsoft 365 Defender
You need to recommend a solution to meet the following requirements:
• Integrate Microsoft Sentinel with a third-party security vendor to access information about known malware
• Automatically generate incidents when the IP address of a command-and control server is detected in the events
What should you configure in Microsoft Sentinel to meet each requirement? 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 109
- (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 112
- (Exam Topic 3)
Your company has a hybrid cloud infrastructure that contains an on-premises Active Directory Domain Services (AD DS) forest, a Microsoft B65 subscription, and an Azure subscription.
The company's on-premises network contains internal web apps that use Kerberos authentication. Currently, the web apps are accessible only from the network.
You have remote users who have personal devices that run Windows 11.
You need to recommend a solution to provide the remote users with the ability to access the web apps. The solution must meet the following requirements:
• Prevent the remote users from accessing any other resources on the network.
• Support Azure Active Directory (Azure AD) Conditional Access.
• Simplify the end-user experience.
What should you include in the recommendation?

A. Azure AD Application Proxy
B. Azure Virtual WAN
C. Microsoft Tunnel
D. web content filtering in Microsoft Defender for Endpoint

Answer: A

Explanation:
https://docs.microsoft.com/en-us/learn/modules/configure-azure-ad-application-proxy/2-explore

NEW QUESTION 116
- (Exam Topic 3)
You have an Azure subscription.
Your company has a governance requirement that resources must be created in the West Europe or North Europe Azure regions.
What should you recommend using to enforce the governance requirement?

A. regulatory compliance standards in Microsoft Defender for Cloud
B. custom Azure roles
C. Azure Policy assignments
D. Azure management groups

Answer: C

NEW QUESTION 120
- (Exam Topic 3)
Your company has an Azure subscription that has enhanced security enabled for Microsoft Defender for Cloud.

The company signs a contract with the United States government.
You need to review the current subscription for NIST 800-53 compliance. What should you do first?

A. From Defender for Cloud, review the secure score recommendations.
B. From Microsoft Sentinel, configure the Microsoft Defender for Cloud data connector.
C. From Defender for Cloud, review the Azure security baseline for audit report.
D. From Defender for Cloud, add a regulatory compliance standard.

Answer: D

Explanation:
https://docs.microsoft.com/en-us/azure/defender-for-cloud/update-regulatory-compliance-packages#what-regula

NEW QUESTION 123
- (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 124
- (Exam Topic 3)
Your company has a Microsoft 365 E5 subscription. The company wants to identify and classify data in Microsoft Teams, SharePoint Online, and Exchange Online. You need to recommend a solution to identify documents that contain sensitive information. What should you include in the recommendation?

A. data classification content explorer
B. data loss prevention (DLP)
C. eDiscovery
D. Information Governance

Answer: B

NEW QUESTION 126
- (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:
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

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 131
- (Exam Topic 3)
You have an Azure SQL database named DB1 that contains customer information. A team of database administrators has full access to DB1.
To address customer inquiries, operators in the customer service department use a custom web app named App1 to view the customer information.
You need to design a security strategy for D81. The solution must meet the following requirements:
• When the database administrators access DB1 by using SQL management tools, they must be prevented from viewing the content of the Credit Card attribute of each customer record.
• When the operators view customer records in App1, they must view only the last four digits of the Credit Card attribute.
What should you include in the design? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

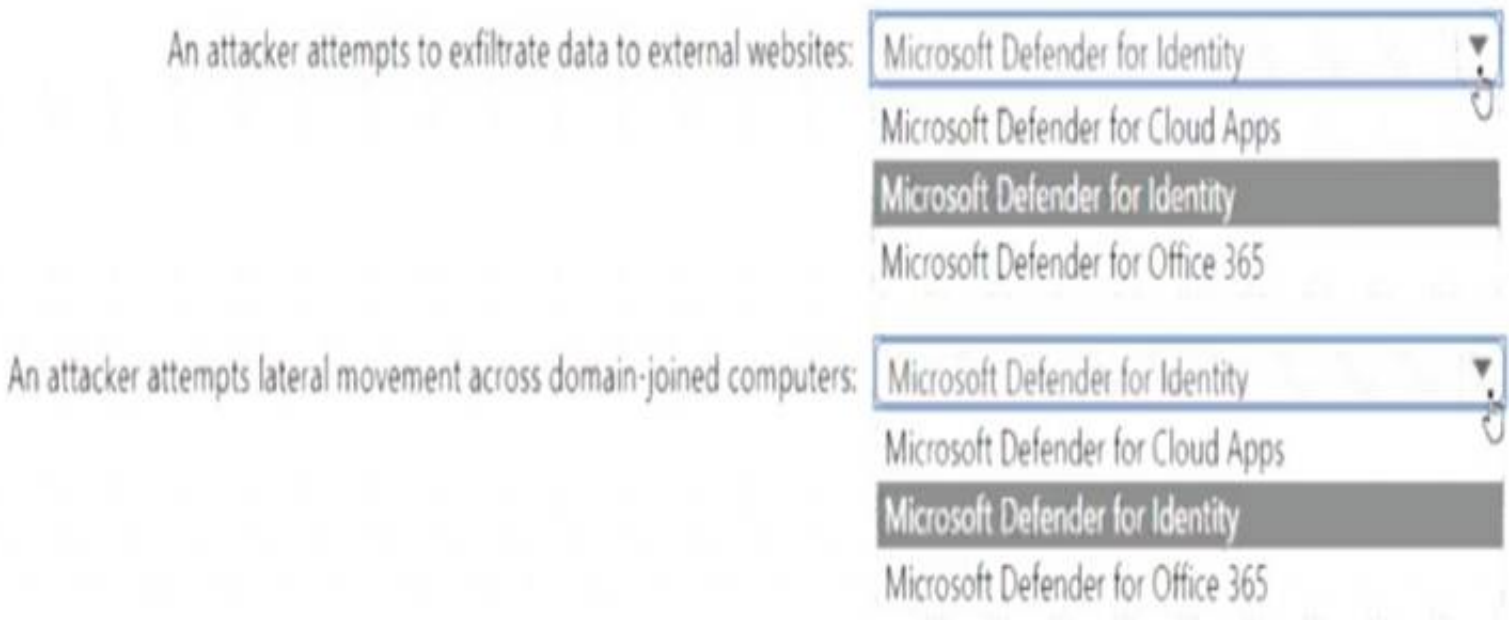
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

NEW QUESTION 136
- (Exam Topic 3)
For a Microsoft cloud environment, you are designing a security architecture based on the Microsoft Cybersecurity Reference Architectures (MCRA). You need to protect against the following external threats of an attack chain:
• An attacker attempts to exfiltrate data to external websites.
• An attacker attempts lateral movement across domain-joined computers.
What should you include in the recommendation for each threat? To answer, select the appropriate options in the answer area.

Answer Area

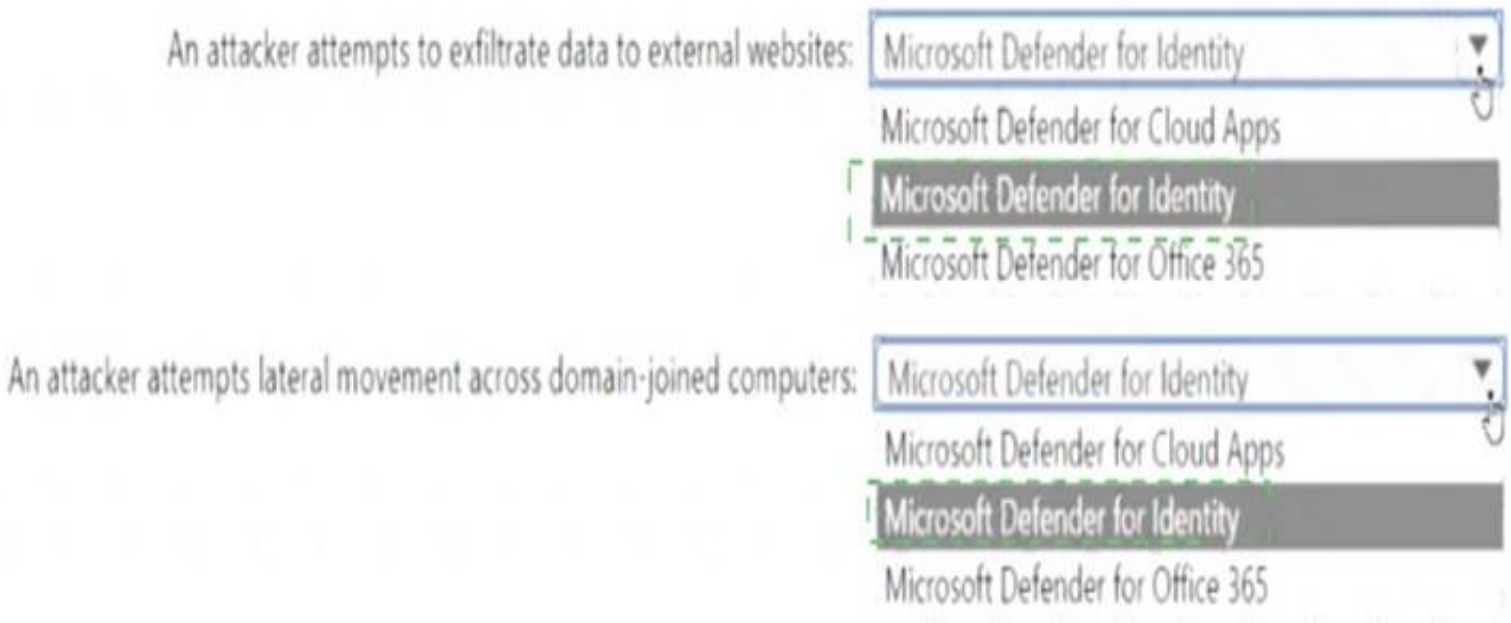


A. Mastered
B. Not Mastered

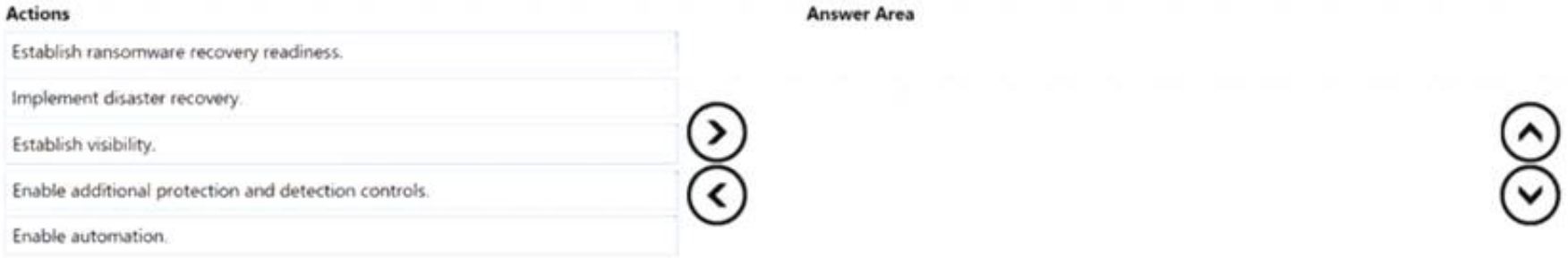
Answer: A

Explanation:

Answer Area



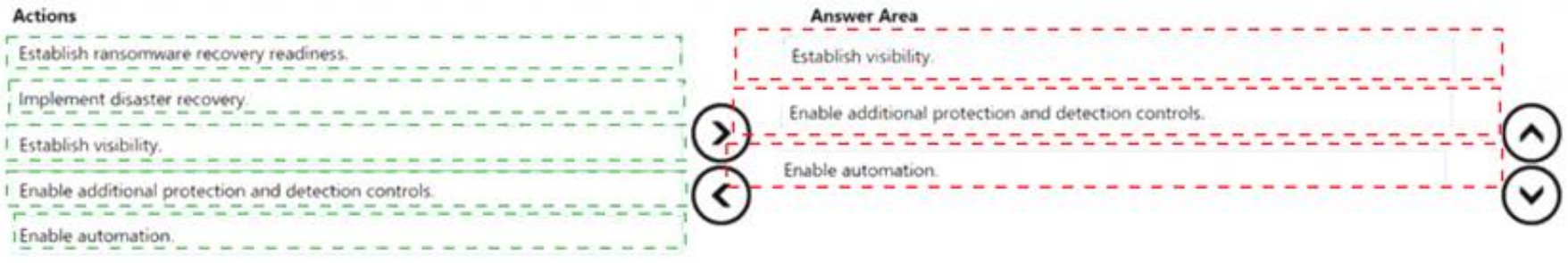
NEW QUESTION 139
- (Exam Topic 3)
You are designing a security operations strategy based on the Zero Trust framework.
You need to increase the operational efficiency of the Microsoft Security Operations Center (SOC).
Based on the Zero Trust framework, which three deployment objectives should you prioritize in sequence? To answer, move the appropriate objectives from the list of objectives to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 140
- (Exam Topic 3)
You have an Azure subscription that contains a Microsoft Sentinel workspace.
Your on-premises network contains firewalls that support forwarding event logs m the Common Event Format (CEF). There is no built-in Microsoft Sentinel connector for the firewalls
You need to recommend a solution to ingest events from the firewalls into Microsoft Sentinel. What should you include m the recommendation?

A. an Azure logic app
B. an on-premises Syslog server
C. an on-premises data gateway
D. Azure Data Factory

Answer: B

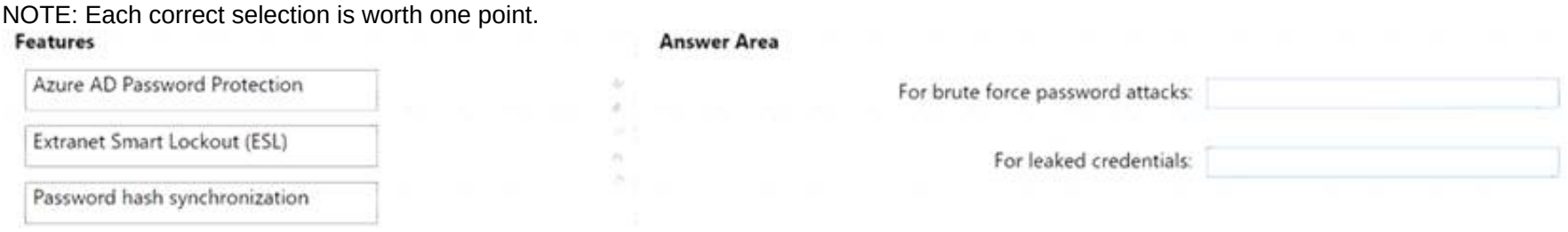
NEW QUESTION 145
- (Exam Topic 3)
Your company plans to deploy several Azure App Service web apps. The web apps will be deployed to the West Europe Azure region. The web apps will be accessed only by customers in Europe and the United States.
You need to recommend a solution to prevent malicious bots 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

Explanation:
https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/bot-protection

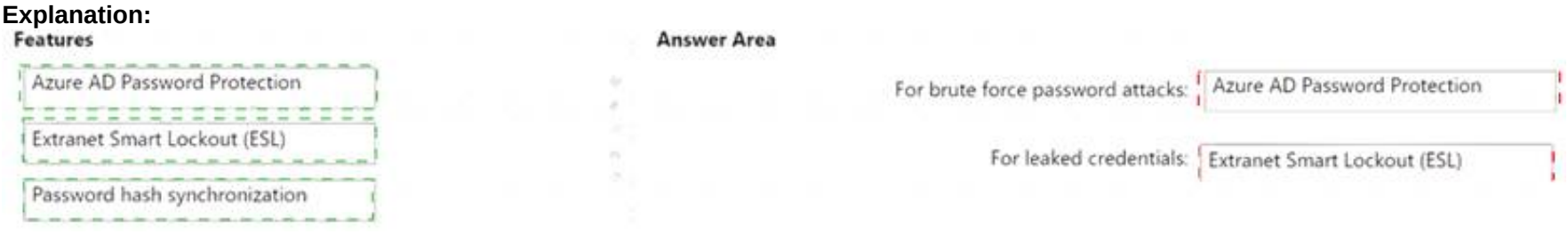
NEW QUESTION 147
- (Exam Topic 3)
You have a hybrid Azure AD tenant that has pass-through authentication enabled. You are designing an identity security strategy.
You need to minimize the impact of brute force password attacks and leaked credentials of hybrid identities.
What should you include in the design? To answer, drag the appropriate features to the correct requirements. Each feature 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 152
- (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 OneDnve 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 154
- (Exam Topic 3)
You have 50 Azure subscriptions.
You need to monitor resource in the subscriptions for compliance with the ISO 27001:2013 standards. The solution must minimize the effort required to modify the list of monitored policy definitions for the subscriptions.
NOTE: Each correct selection is worth one point.

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

Answer: AF

Explanation:
https://docs.microsoft.com/en-us/azure/governance/management-groups/overview https://docs.microsoft.com/en-us/azure/governance/blueprints/overview https://docs.microsoft.com/en-us/azure/governance/policy/samples/iso-27001 https://docs.microsoft.com/en-us/azure/governance/policy/tutorials/create-and-manage

NEW QUESTION 155
- (Exam Topic 3)
You have the following on-premises servers that run Windows Server:
• Two domain controllers in an Active Directory Domain Services (AD DS) domain
• Two application servers named Server1 and Server2 that run ASP.NET web apps
• A VPN server named Server3 that authenticates by using RADIUS and AD DS End users use a VPN to access the web apps over the internet.
You need to redesign a user access solution to increase the security of the connections to the web apps. The solution must minimize the attack surface and follow the Zero Trust principles of the Microsoft Cybersecurity Reference Architectures (MCRA).
What should you include in the recommendation?

A. Configure connectors and rules in Microsoft Defender for Cloud Apps.
B. Configure web protection in Microsoft Defender for Endpoint.
C. Publish the web apps by using Azure AD Application Proxy.
D. Configure the VPN to use Azure AD authentication.

Answer: C

NEW QUESTION 158
- (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 159
- (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 163

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