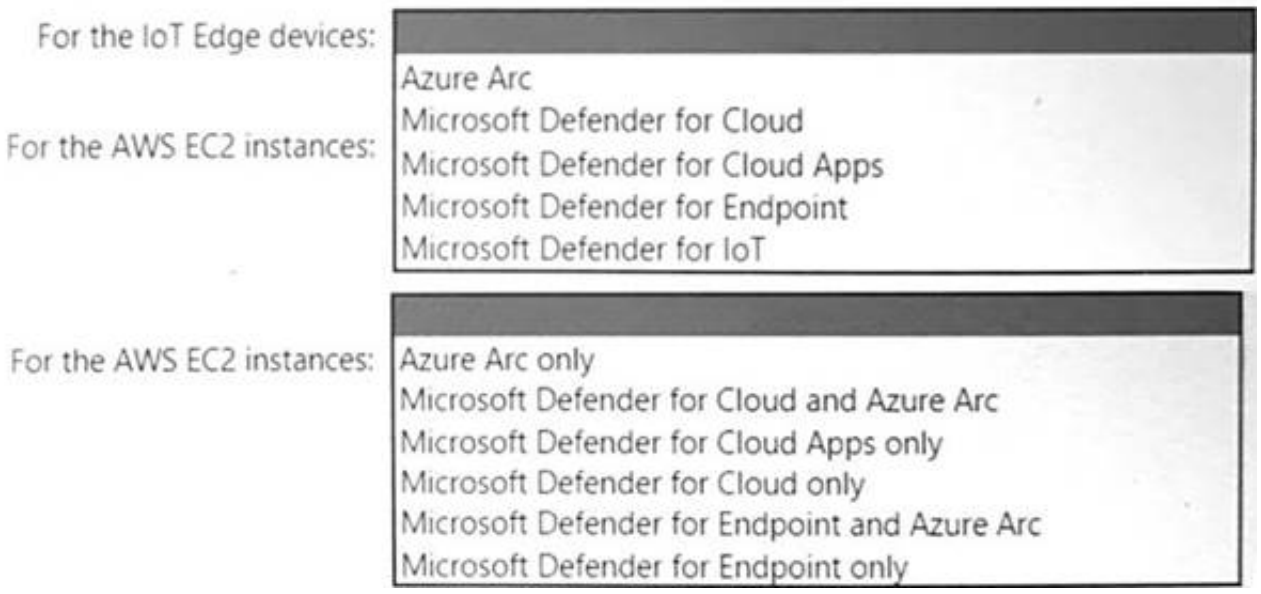
Microsoft

Exam Questions SC-100

Microsoft Cybersecurity Architect

NEW QUESTION 1
- (Exam Topic 3)
Your company has a multi-cloud environment that contains a Microsoft 365 subscription, an Azure subscription, and Amazon Web Services (AWS) implementation. You need to recommend a security posture management solution for the following components:
• Azure IoT Edge devices
• AWS EC2 instances
Which services should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area



A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 2
- (Exam Topic 3)
Your company plans to apply the Zero Trust Rapid Modernization Plan (RaMP) to its IT environment. You need to recommend the top three modernization areas to prioritize as part of the plan.
Which three areas should you recommend based on RaMP? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. data, compliance, and governance
B. user access and productivity
C. infrastructure and development
D. modern security operations
E. operational technology (OT) and IoT

Answer: ABD

NEW QUESTION 3
- (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

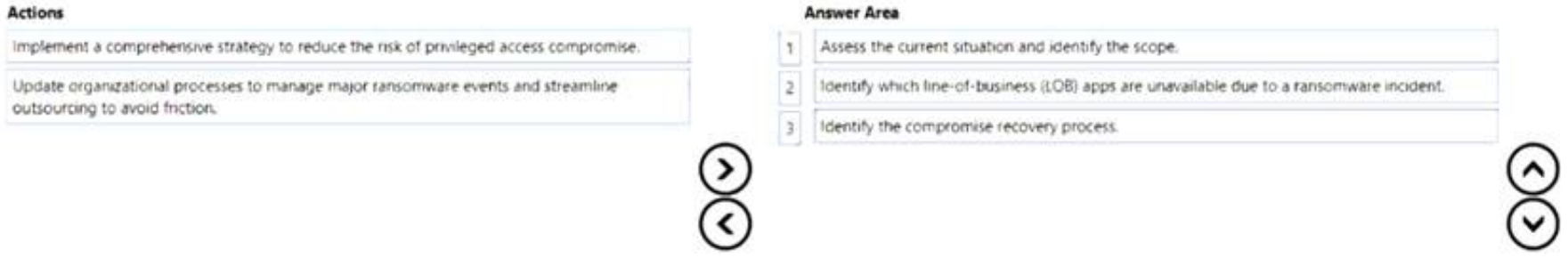
Explanation:
Before looking to manage new or updated resources with your new policy definition, it's best to see how it evaluates a limited subset of existing resources, such as a test resource group. Use the enforcement mode Disabled (DoNotEnforce) on your policy assignment to prevent the effect from triggering or activity log entries from being created.
https://docs.microsoft.com/en-us/azure/governance/policy/concepts/evaluate-impact

NEW QUESTION 4
- (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 5
- (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

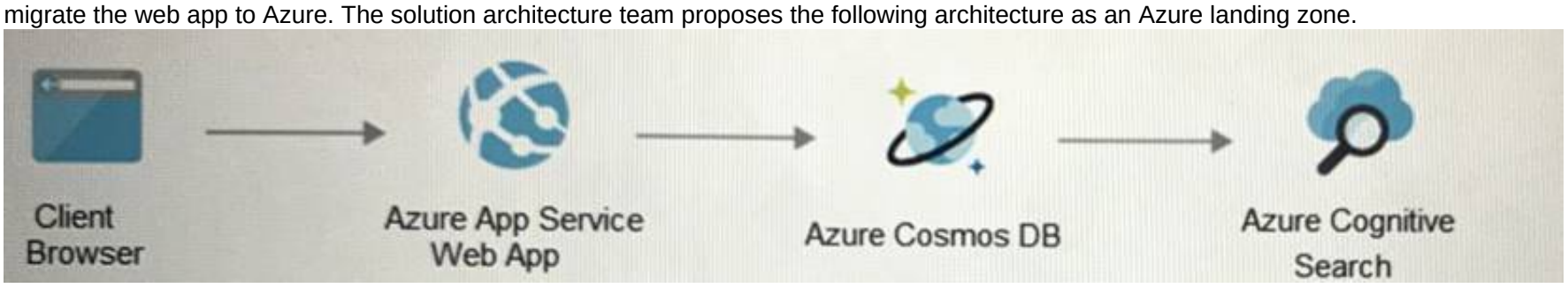
NEW QUESTION 6
- (Exam Topic 3)
You have an Azure subscription that has Microsoft Defender for Cloud enabled. Suspicious authentication activity alerts have been appearing in the Workload protections dashboard.
You need to recommend a solution to evaluate and remediate the alerts by using workflow automation. The solution must minimize development effort. What should you include in the recommendation?

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

Answer: B

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

NEW QUESTION 7
- (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.



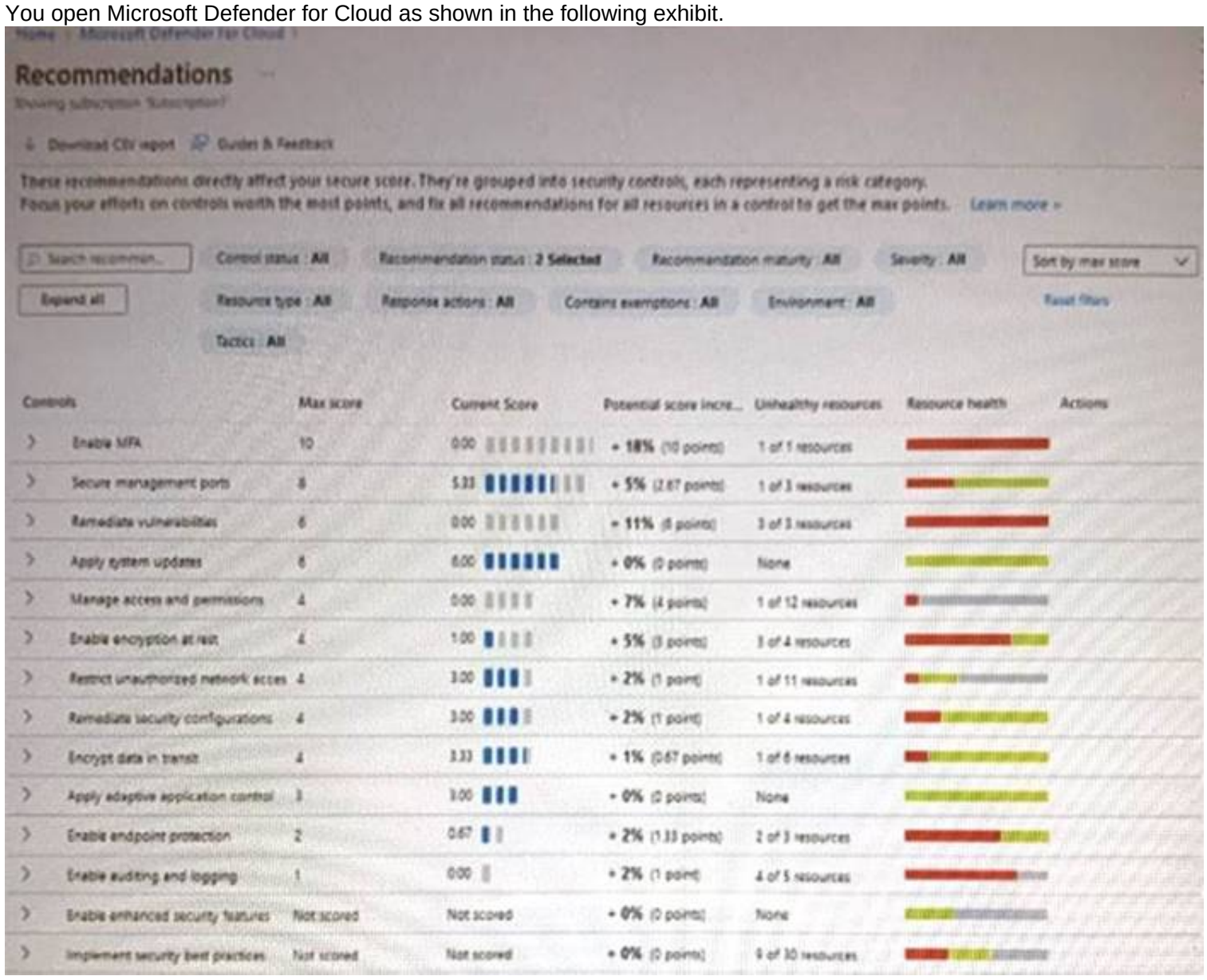
You need to provide recommendations to secure the connection between the web app and the database. The solution must follow the Zero Trust model.
Solution: You recommend implementing Azure Key Vault to store credentials.

A. Yes
B. No

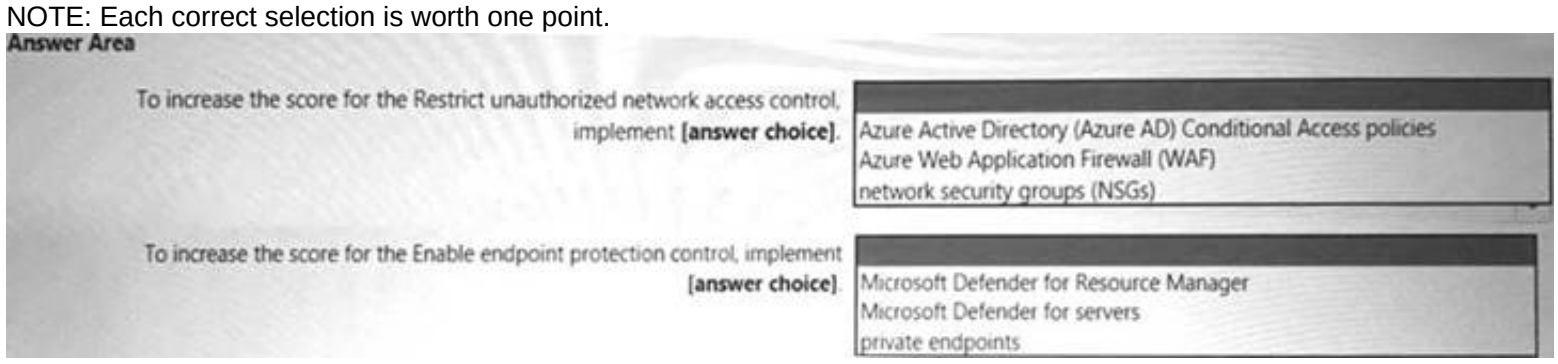
Answer: B

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 8
- (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.

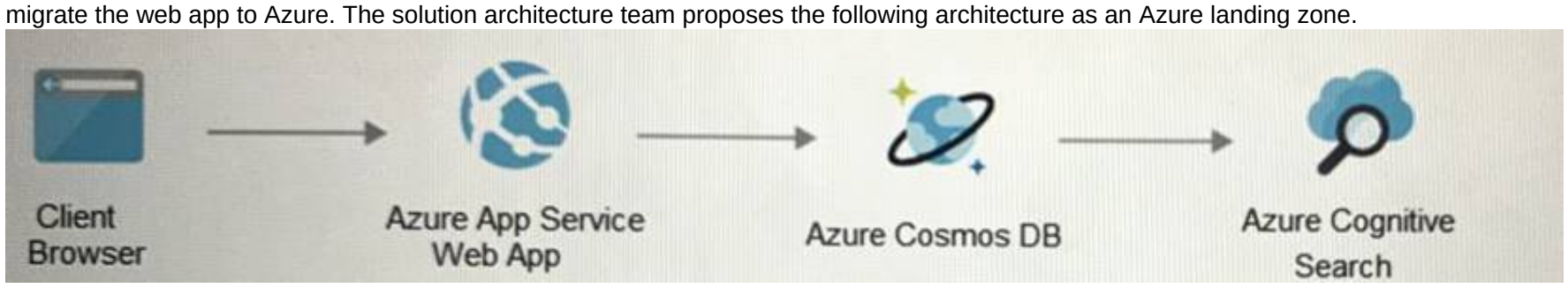


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Selection 1: NSG Selection
Selection 2: Microsoft Defender for servers
https://docs.microsoft.com/en-us/azure/defender-for-cloud/secure-score-security-controls

NEW QUESTION 9
- (Exam Topic 3)
Your on-premises network contains an e-commerce web app that was developed in Angular and Node.js. The web app uses a MongoDB database. You plan to migrate the web app to Azure. The solution architecture team proposes the following architecture as an Azure landing zone.



You need to provide recommendations to secure the connection between the web app and the database. The solution must follow the Zero Trust model.
Solution: You recommend implementing Azure Front Door with Azure Web Application Firewall (WAF). Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:
https://www.varonis.com/blog/securing-access-azure-webapps

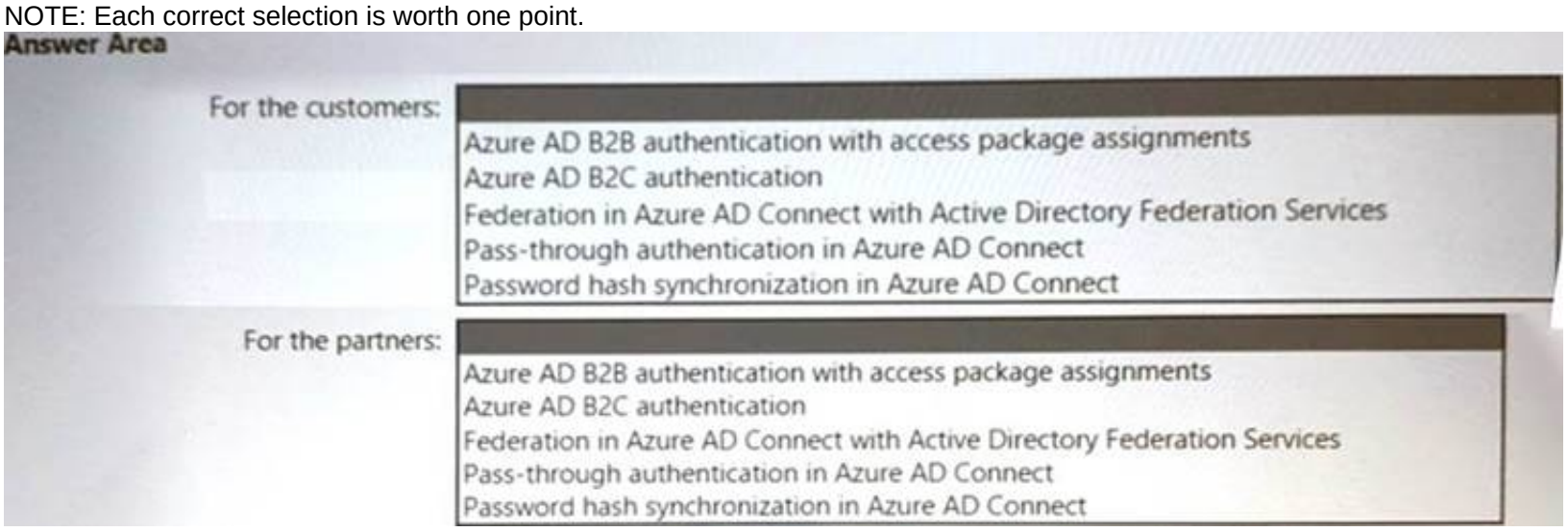
NEW QUESTION 10
- (Exam Topic 3)
You are designing the security standards for containerized applications onboarded to Azure. You are evaluating the use of Microsoft Defender for Containers.
In which two environments can you use Defender for Containers to scan for known vulnerabilities? Each correct answer 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: AC

Explanation:
https://docs.microsoft.com/en-us/learn/modules/design-strategy-for-secure-paas-iaas-saas-services/9-specify-sec https://docs.microsoft.com/en-us/azure/defender-for-cloud/defender-for-containers-introduction#view-vulnerabi

NEW QUESTION 10
- (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:
Graphical user interface, application Description automatically generated
Box 1 --> https://docs.microsoft.com/en-us/azure/active-directory-b2c/overview
Box 2 -- > https://docs.microsoft.com/en-us/azure/active-directory/external-identities/identity-providers

NEW QUESTION 11
- (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 14
- (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

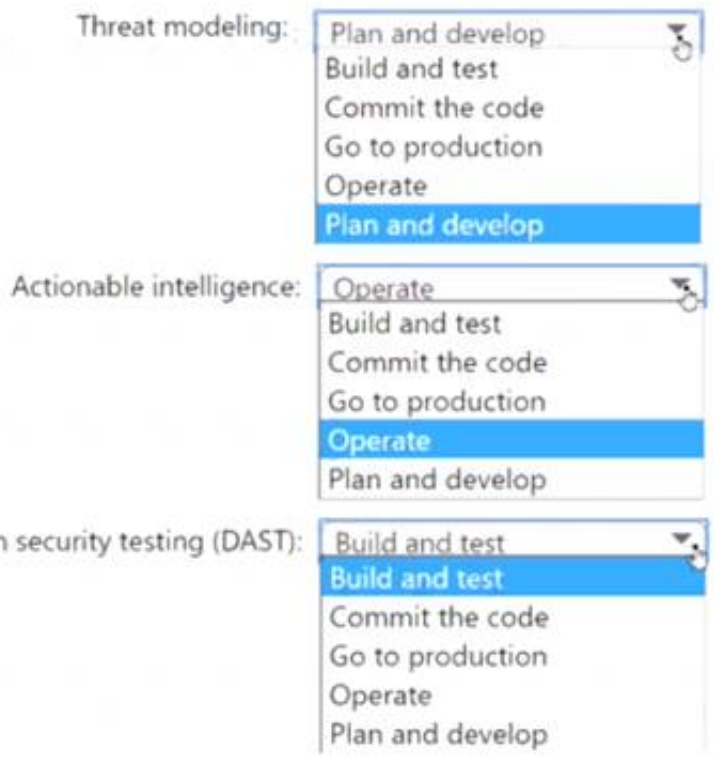
NEW QUESTION 18
- (Exam Topic 3)
Your company is preparing for cloud adoption.
You are designing security for Azure landing zones.
Which two preventative controls can you implement to increase the secure score? Each NOTE: Each correct selection is worth one point.

A. Azure Firewall
B. Azure Web Application Firewall (WAF)
C. Microsoft Defender for Cloud alerts
D. Azure Active Directory (Azure AD Privileged Identity Management (PIM)
E. Microsoft Sentinel

Answer: AB

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

NEW QUESTION 22
- (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

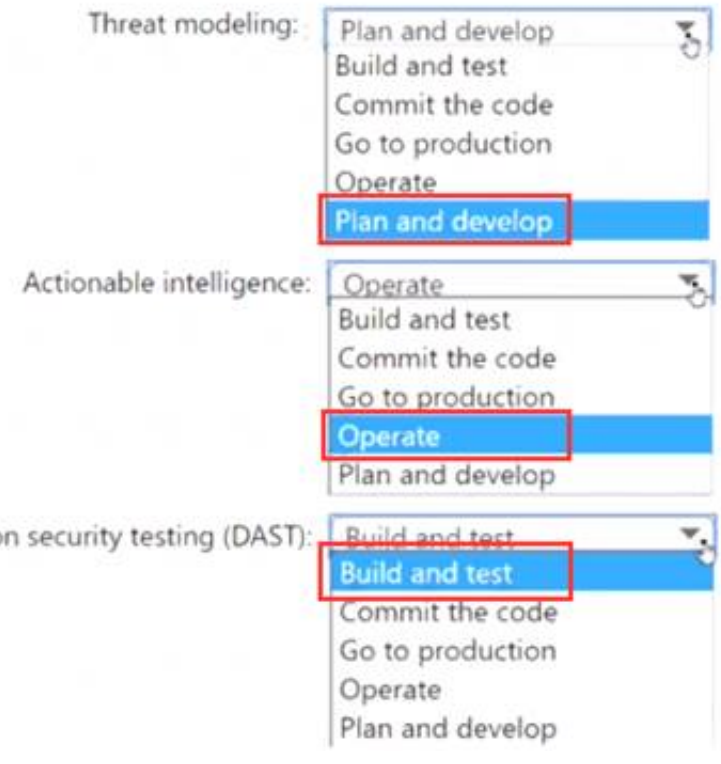


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 27
- (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 28
- (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 31
- (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: D

Explanation:
https://techcommunity.microsoft.com/t5/microsoft-sentinel-blog/azure-sentinel-side-by-side-with-splunk-via-ev

NEW QUESTION 33
- (Exam Topic 3)
Your company has an on-premises network and an Azure subscription.
The company does NOT have a Site-to-Site VPN or an ExpressRoute connection to Azure.
You are designing the security standards for Azure App Service web apps. The web apps will access Microsoft SQL Server databases on the network.
You need to recommend security standards that will allow the web apps to access the databases. The solution must minimize the number of open internet-accessible endpoints to the on-premises network.
What should you include in the recommendation?

A. a private endpoint

B. hybrid connections
C. virtual network NAT gateway integration
D. virtual network integration

Answer: B

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

NEW QUESTION 37
- (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 40
- (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

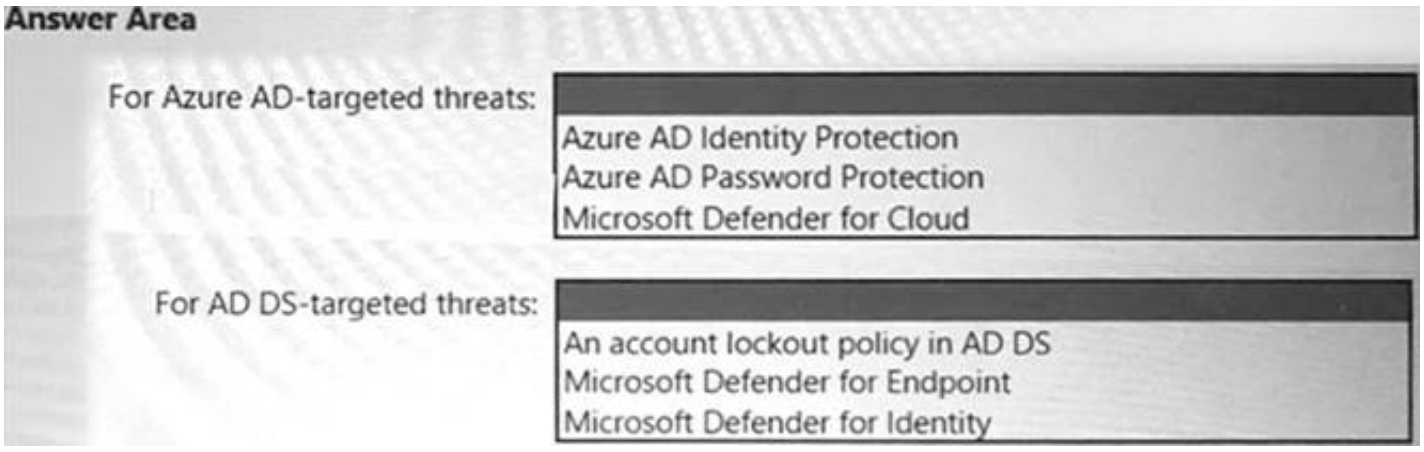
To enable Azure AD authentication for App1, use:	Azure AD application Azure AD Application Proxy Azure Application Gateway A managed identity in Azure AD Microsoft Defender for App
To implement access requests for App1, use:	An access package in Identity Governance An access policy in Microsoft Defender 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 44
- (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.

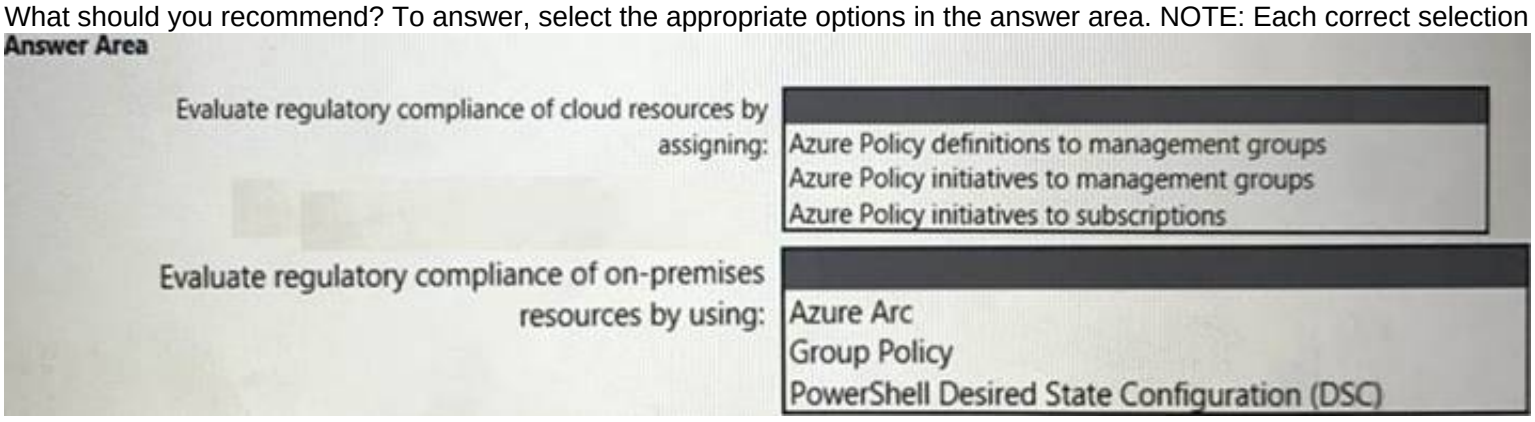


A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Azure AD Identity Protection Brute Force Detection:
https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/overview-identity-protection
* 2. Defender for Identity
MDI can detect brute force attacks: ref:
https://docs.microsoft.com/en-us/defender-for-identity/compromised-credentials-alerts#suspected-brute-force-at

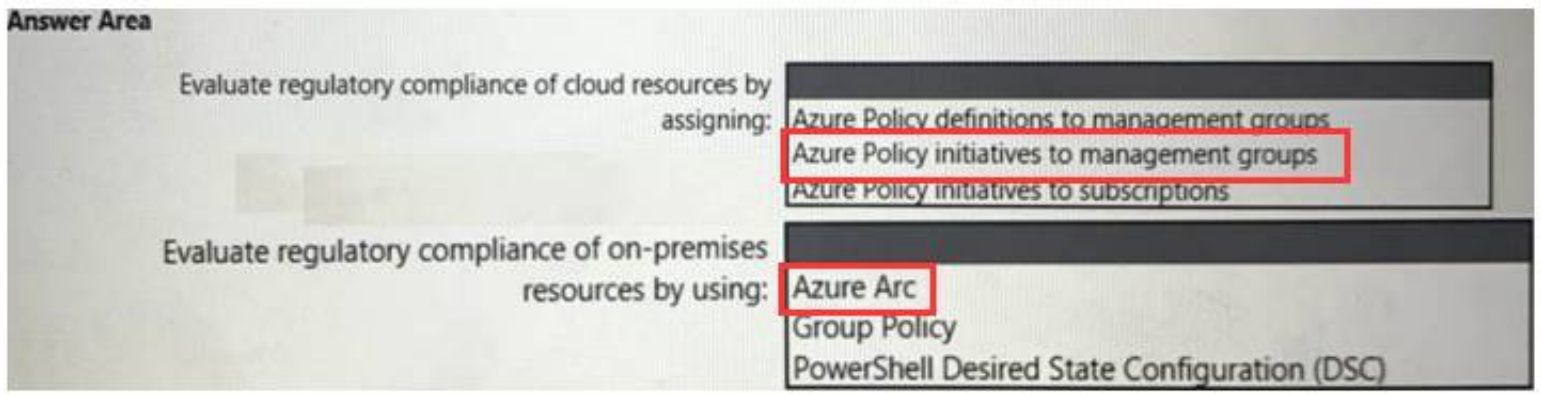
NEW QUESTION 45
- (Exam Topic 2)
You need to recommend a solution to evaluate regulatory compliance across the entire managed environment. The solution must meet the regulatory compliance requirements and the business requirements.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



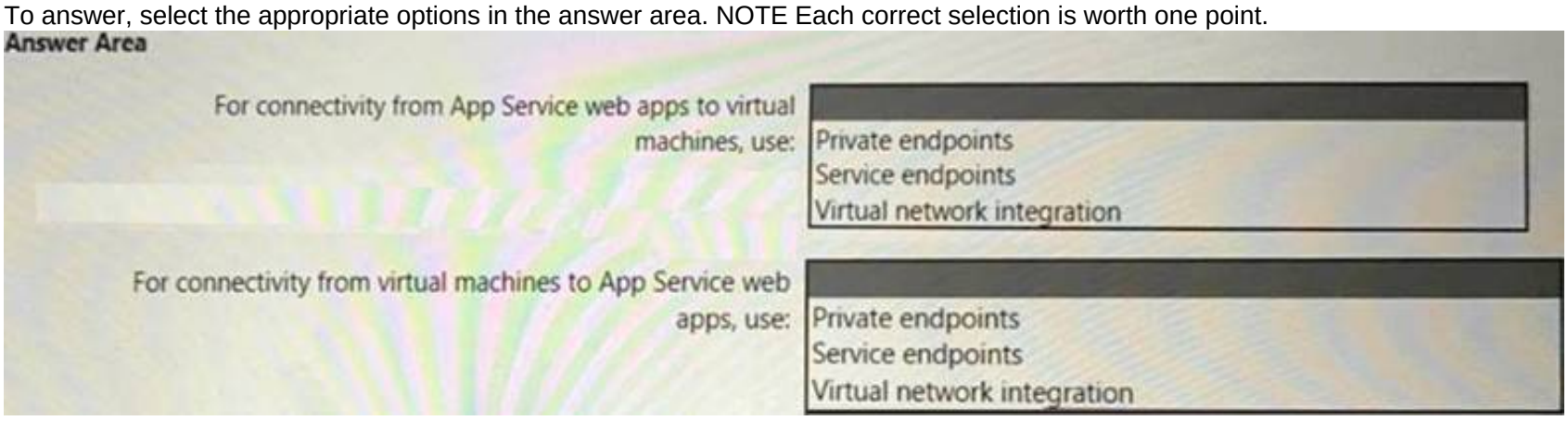
NEW QUESTION 47
- (Exam Topic 2)
You need to recommend a solution for securing the landing zones. The solution must meet the landing zone requirements and the business requirements.
What should you configure for each landing zone?

A. Azure DDoS Protection Standard
B. an Azure Private DNS zone
C. Microsoft Defender for Cloud
D. an ExpressRoute gateway

Answer: D

Explanation:
One of the stipulations is to meet the business requirements of minimizing costs. ExpressRoute is expensive. Given the landing zone requirements of
1) "Use a DNS namespace of litware.com"
2) "Ensure that the Azure virtual machines in each landing zone communicate with Azure App Service web apps in the same zone over the Microsoft backbone network, rather than over public endpoints"

NEW QUESTION 51
- (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.

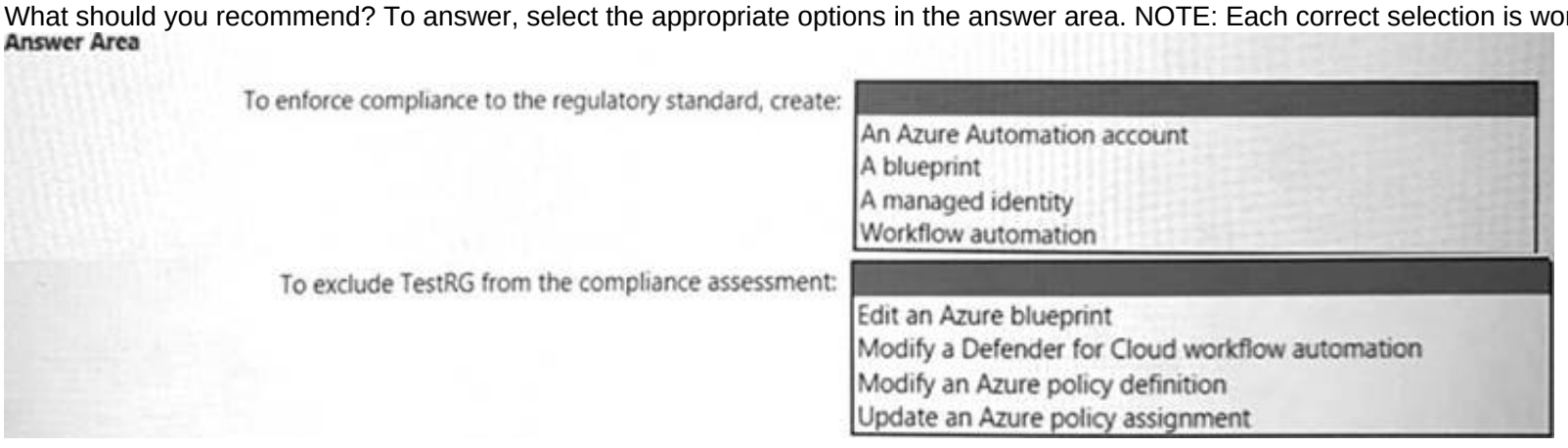


A. Mastered
B. Not Mastered

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 52
- (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:
Box 1 = A Blueprint
Box 2 = Update an Azure Policy assignment
https://learn.microsoft.com/en-us/azure/governance/policy/tutorials/create-and-manage#update-assignment-with https://docs.microsoft.com/en-us/azure/governance/policy/concepts/definition-structure
while it is in policy assignment
- https://docs.microsoft.com/en-us/azure/governance/policy/concepts/assignment-structure

NEW QUESTION 54
- (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 57
- (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

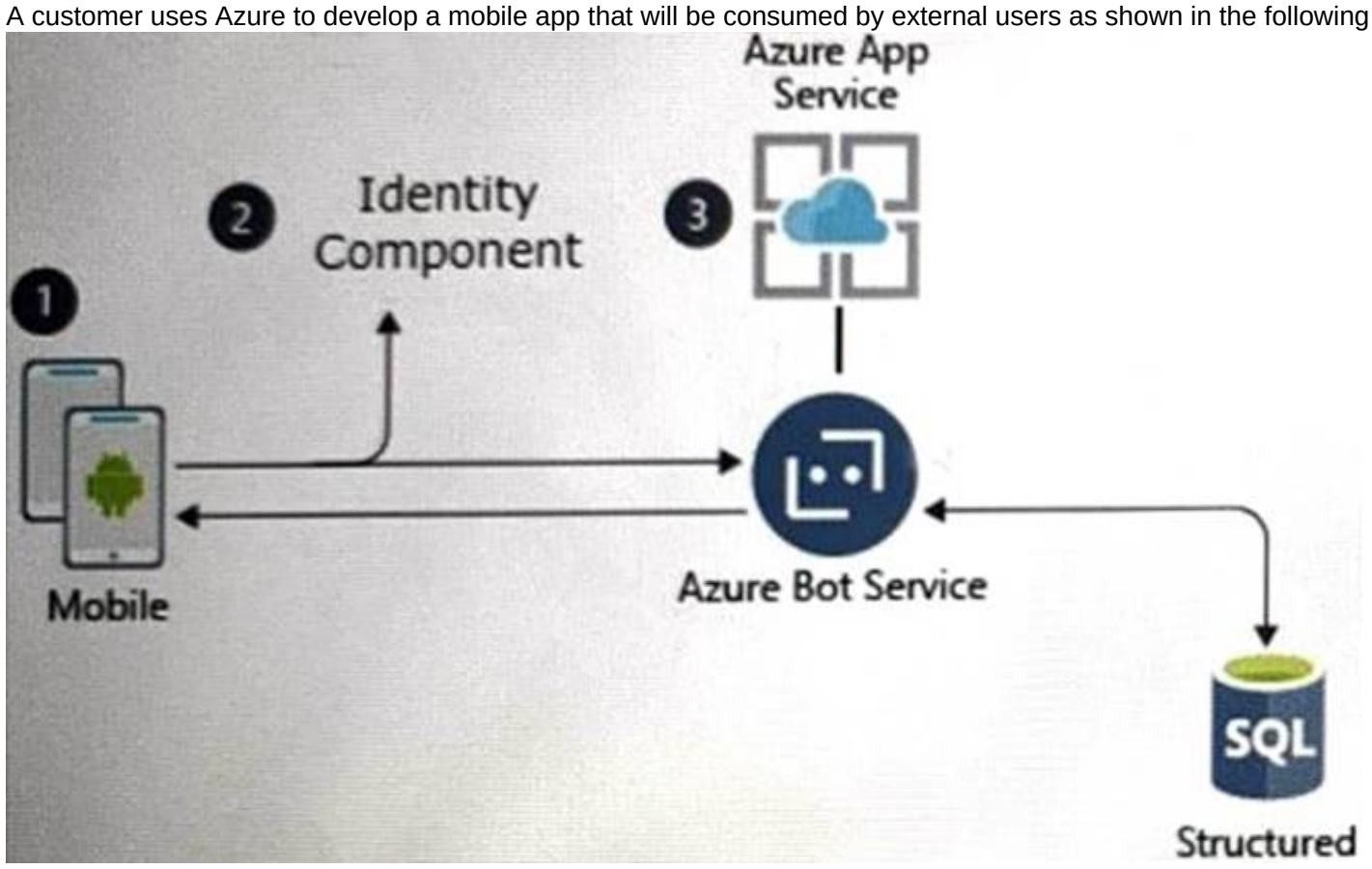
Explanation:
https://docs.microsoft.com/en-us/azure/defender-for-cloud/recommendations-reference#compute-recommendati

NEW QUESTION 58
- (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 59
- (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 62
- (Exam Topic 3)
You have an Azure subscription that has Microsoft Defender for Cloud enabled. You need to enforce ISO 2700V2013 standards for the subscription. The solution must ensure that noncompliant resources are remediated automatically
What should you use?

A. the regulatory compliance dashboard in Defender for Cloud
B. Azure Policy
C. Azure Blueprints
D. Azure role-based access control (Azure RBAC)

Answer: B

Explanation:
https://azure.microsoft.com/en-us/blog/simplifying-your-environment-setup-while-meeting-compliance-needs-w

NEW QUESTION 65
- (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

Explanation:
https://docs.microsoft.com/en-us/security/benchmark/azure/security-controls-v3-privileged-access#pa-2-avoid-s

NEW QUESTION 70
- (Exam Topic 3)
A customer follows the Zero Trust model and explicitly verifies each attempt to access its corporate applications.
The customer discovers that several endpoints are infected with malware. The customer suspends access attempts from the infected endpoints.
The malware is removed from the end point.
Which two conditions must be met before endpoint users can access the corporate applications again? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Microsoft Defender for Endpoint reports the endpoints as compliant.
B. Microsoft Intune reports the endpoints as compliant.
C. A new Azure Active Directory (Azure AD) Conditional Access policy is enforced.
D. The client access tokens are refreshed.

Answer: CD

Explanation:
https://www.microsoft.com/security/blog/2022/02/17/4-best-practices-to-implement-a-comprehensive-zero-trust https://docs.microsoft.com/en-us/azure/active-directory/develop/refresh-tokens

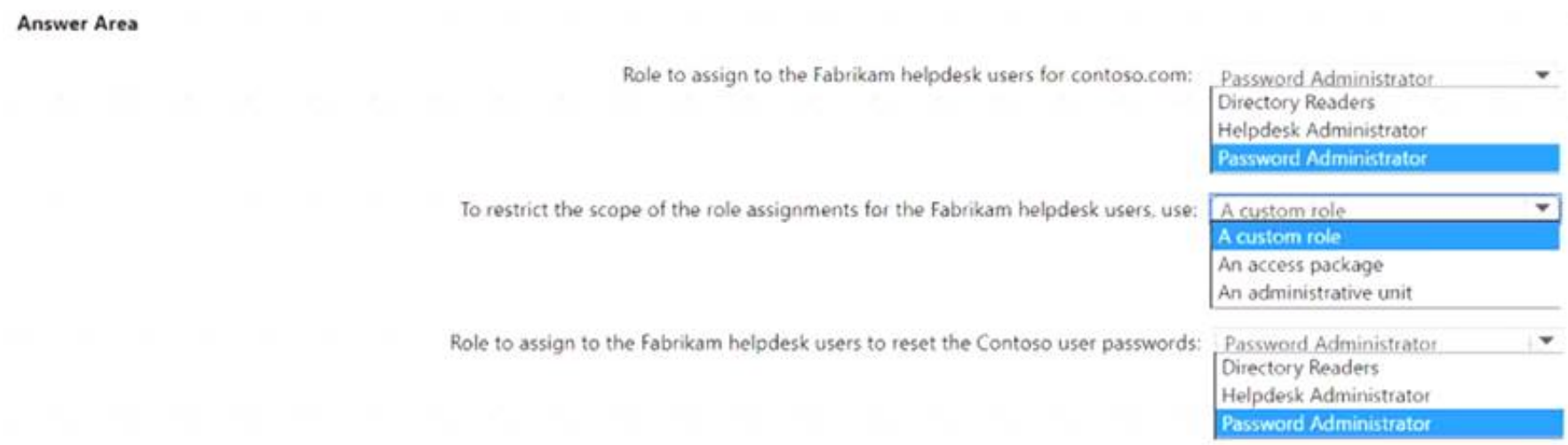
NEW QUESTION 73
- (Exam Topic 3)
Your company is moving all on-premises workloads to Azure and Microsoft 365. You need to design a security orchestration, automation, and response (SOAR) strategy in Microsoft Sentinel that meets the following requirements:
• Minimizes manual intervention by security 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

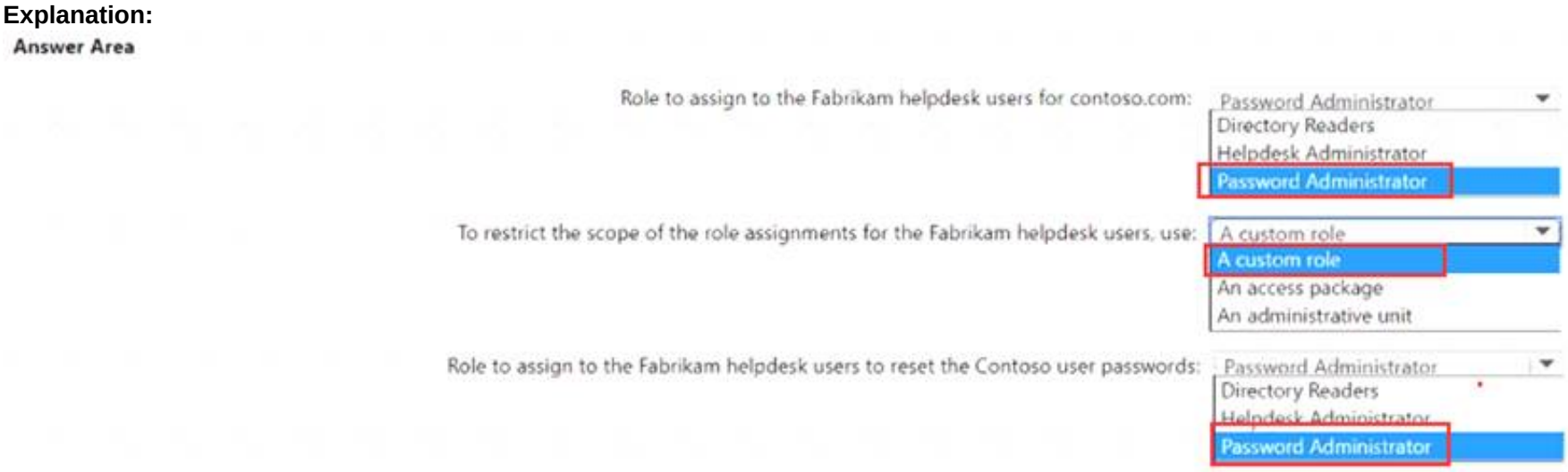
NEW QUESTION 75
- (Exam Topic 3)
Your company, named Contoso. Ltd... has an Azure AD tenant namedcontoso.com. Contoso has a partner company named Fabrikam. Inc. that has an Azure AD tenant named fabrikam.com. You need to ensure that helpdesk users at Fabrikam can reset passwords for specific users at 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 80
- (Exam Topic 3)
A customer has a Microsoft 365 E5 subscription and an Azure subscription.
The customer wants to centrally manage security incidents, analyze log, audit activity, and search for potential threats across all deployed services.
You need to recommend a solution for the customer. The solution must minimize costs. What should you include in the recommendation?

A. Microsoft 365 Defender
B. Microsoft Defender for Cloud
C. Microsoft Defender for Cloud Apps
D. Microsoft Sentinel

Answer: D

NEW QUESTION 81
- (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:

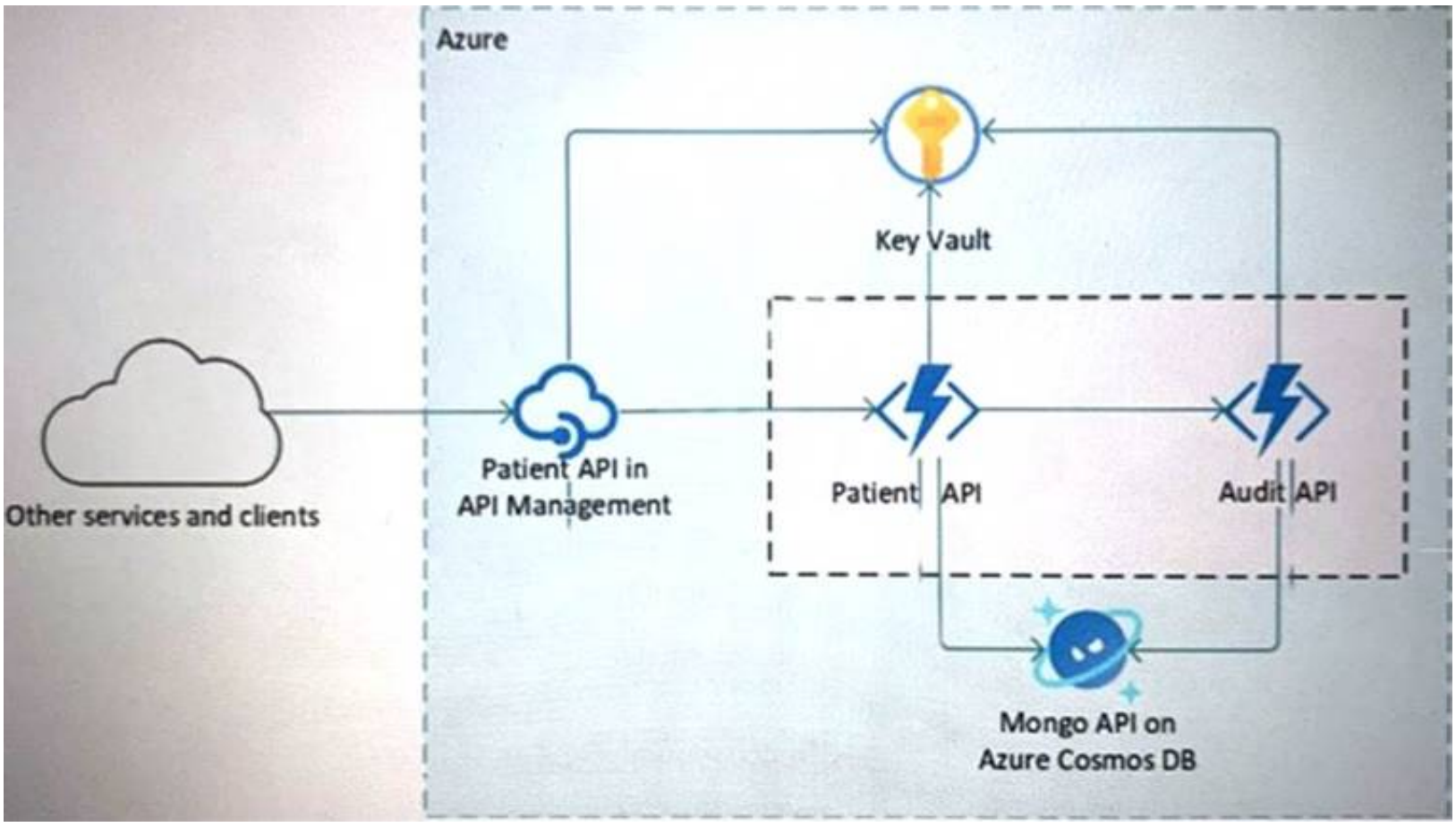
NEW QUESTION 85
- (Exam Topic 3)
You plan to deploy a dynamically scaling, Linux-based Azure Virtual Machine Scale Set that will host jump servers. The jump servers will be used by support staff who connect f personal and kiosk devices via the internet. The subnet of the jump servers will be associated to a network security group (NSG)
You need to design an access solution for the Azure Virtual Machine Scale Set. The solution must meet the following requirements:
• Ensure that each time the support staff connects to a jump server; they must request access to the server.
• Ensure that only authorized support staff can initiate SSH connections to the jump servers.
• Maximize protection against brute-force attacks from internal networks and the internet.
• Ensure that users can only connect to the jump servers from the internet.
• Minimize administrative effort
What should you include in the solution? 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 88
- (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

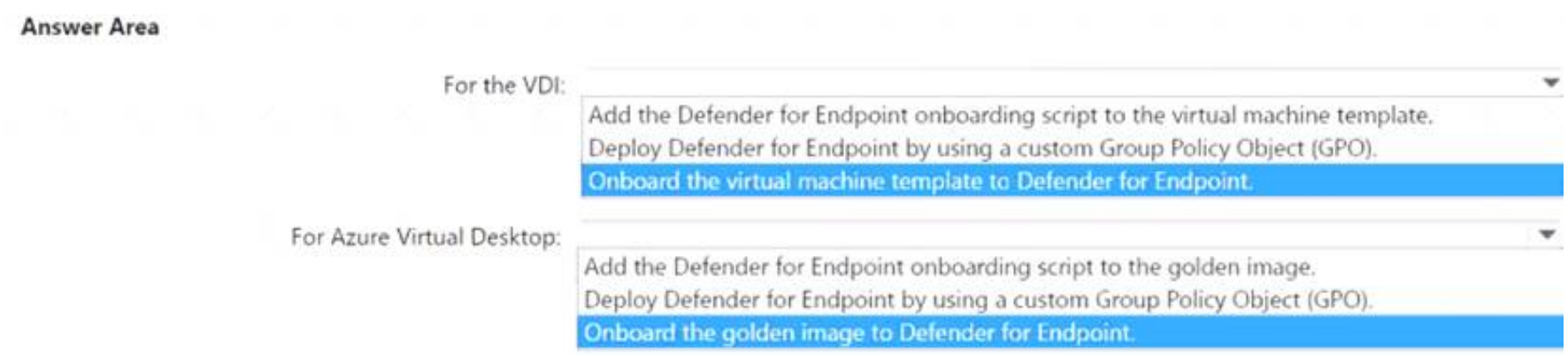
NEW QUESTION 93
- (Exam Topic 3)
Your company has a hybrid cloud infrastructure.
The company plans to hire several temporary employees within a brief period. The temporary employees will need to access applications and data on the company' premises network.
The company's security policy prevents the 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

Explanation:
https://docs.microsoft.com/en-us/azure/architecture/example-scenario/wvd/windows-virtual-desktop https://docs.microsoft.com/en-us/azure/virtual-desktop/security-guide https://techcommunity.microsoft.com/t5/security-compliance-and-identity/announcing-microsoft-defender-for-c

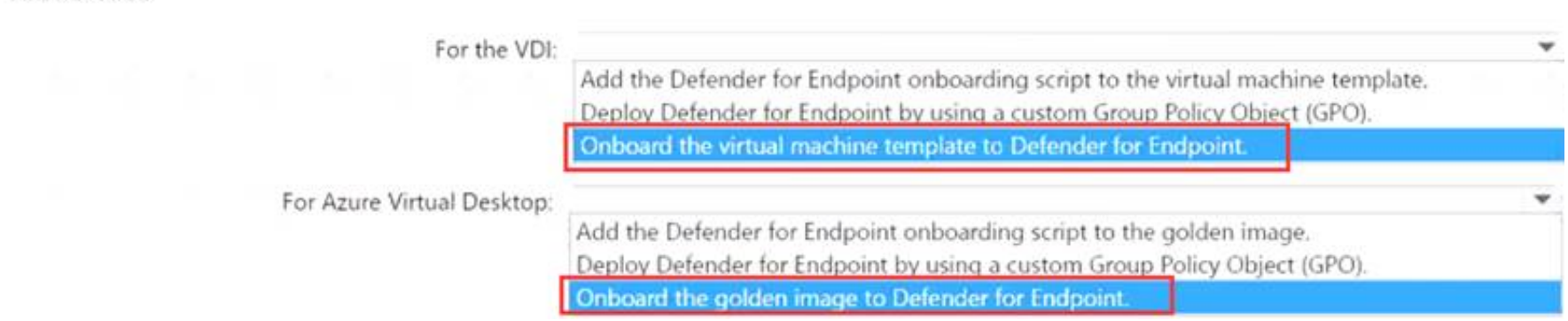
NEW QUESTION 94
- (Exam Topic 3)
You have an Active Directory Domain Services (AD DS) domain that contains a virtual desktop infrastructure (VDI). The VDI uses non-persistent images and cloned virtual machine templates. VDI devices are members of the domain.
You have an Azure subscription that contains an Azure Virtual Desktop environment. The environment contains host pools that use a custom golden image. All the Azure Virtual Desktop deployments are members of a single Azure Active Directory Domain Services (Azure AD DS) domain.
You need to recommend a solution to deploy Microsoft Defender for Endpoint to the hosts. The solution must meet the following requirements:
• Ensure that the hosts are onboarded to Defender for Endpoint during the first startup sequence.
• Ensure that the Microsoft Defender 365 portal contains a single entry for each deployed VDI host.
• Minimize administrative effort.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



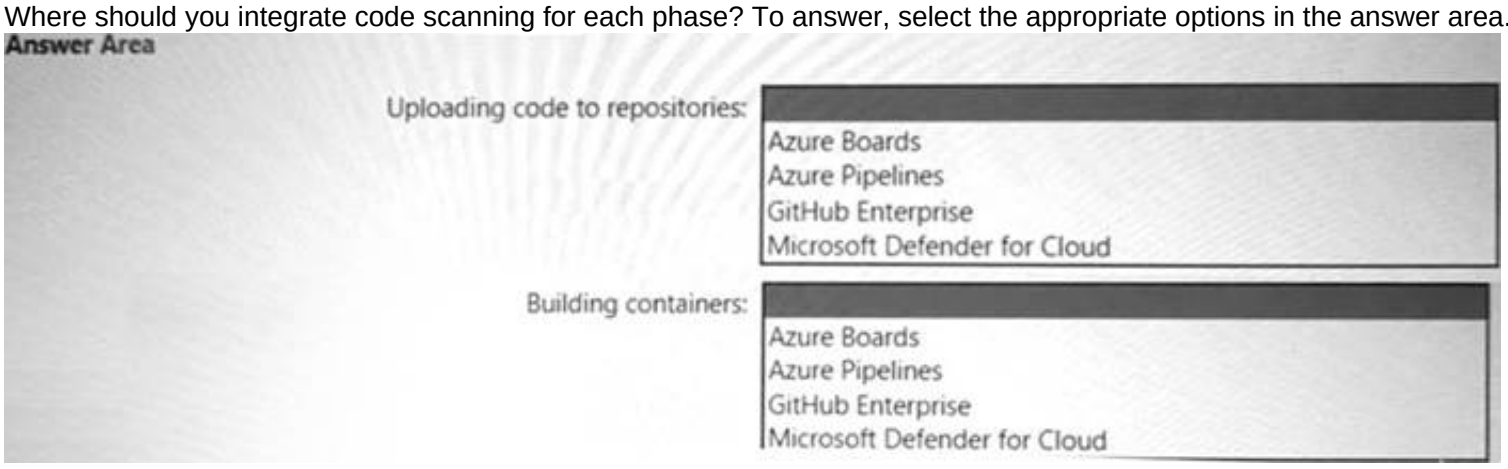
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 98
- (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:
https://docs.github.com/en/enterprise-cloud@latest/get-started/learning-about-github/about-github-advanced-sec https://microsoft.github.io/code-with-engineering-playbook/automated-testing/tech-specific-samples/azdo-conta

NEW QUESTION 102
- (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 105

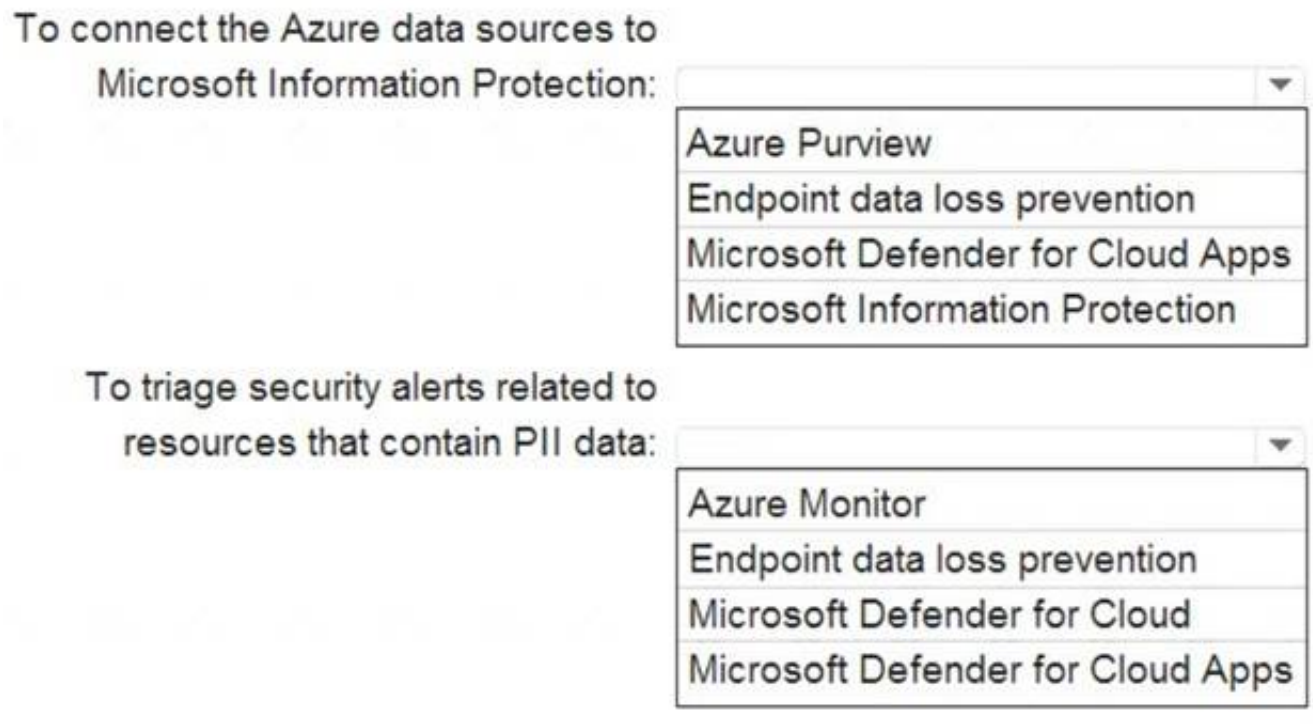
- (Exam Topic 3)
Your company has an office in Seattle.
The company has two Azure virtual machine scale sets hosted on different virtual networks. The company plans to contract developers in India.
You need to recommend a solution provide the developers with the ability to connect to the virtual machines 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 110
- (Exam Topic 3)
Your company is migrating data to Azure. The data contains Personally Identifiable Information (Pll). The
company plans to use Microsoft Information Protection for the Pll data store in Azure. You need to recommend a solution to discover Pll 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.



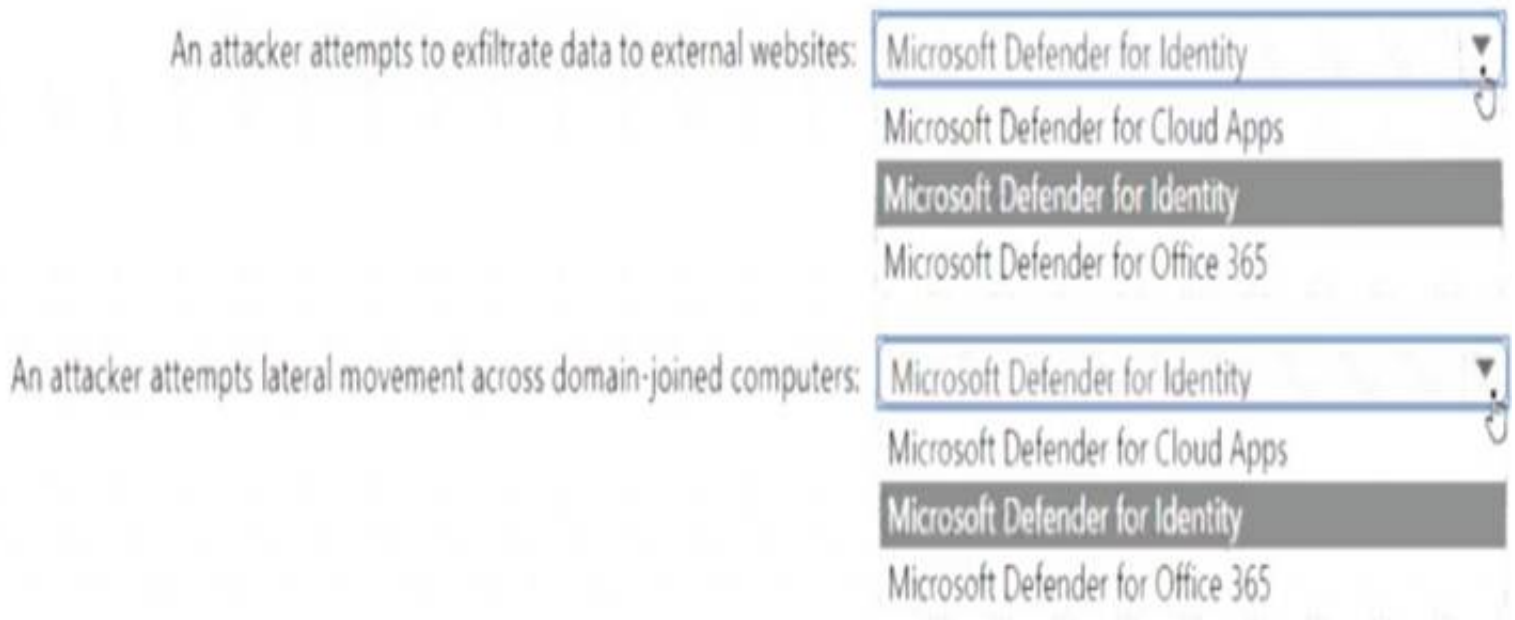
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Prioritize security actions by data sensitivity,
https://docs.microsoft.com/en-us/azure/defender-for-cloud/information-protection. As to Azure SQL Database Azure SQL Managed Instance Azure Synapse Analytics (Azure resources as well): https://docs.microsoft.com/en-us/azure/azure-sql/database/data-discovery-and-classification-overview?view=azu

NEW QUESTION 115
- (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

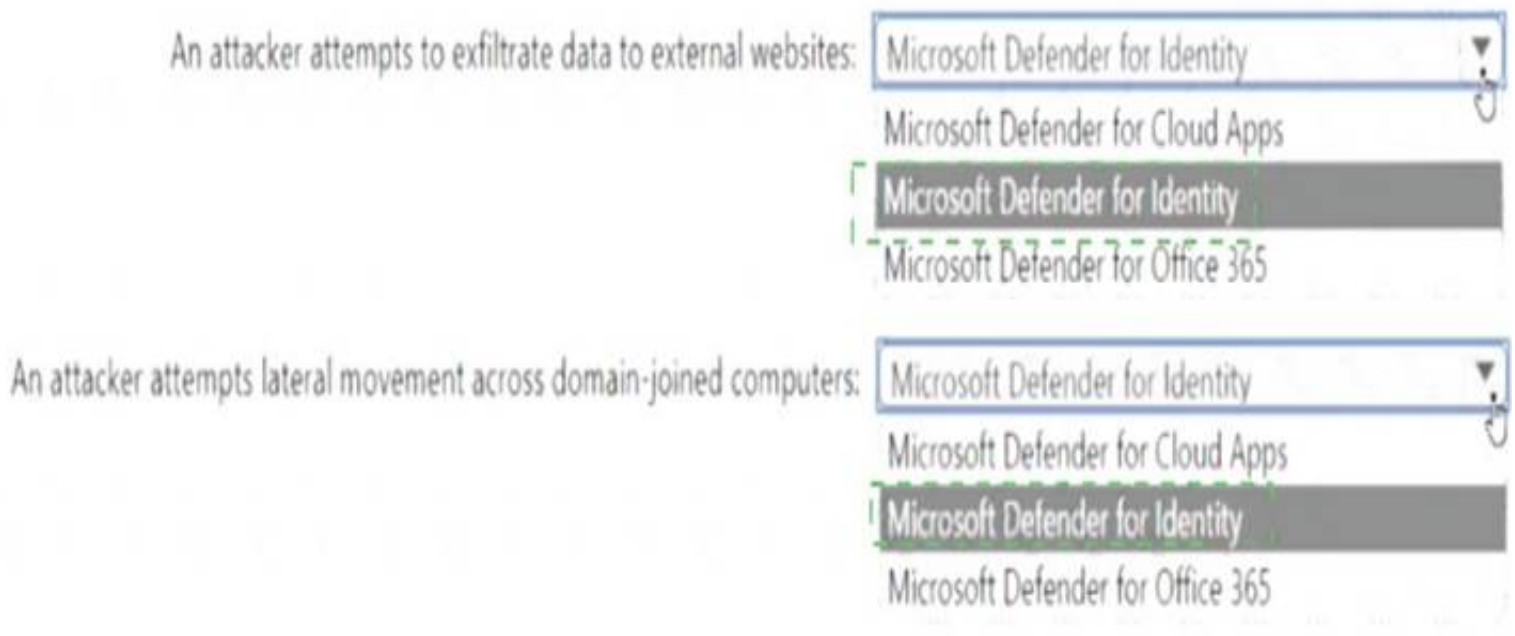


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 120
- (Exam Topic 3)
You have an Azure subscription. The subscription contains 100 virtual machines that run Windows Server. The virtual machines are managed by using Azure Policy and Microsoft Defender for Servers.
You need to enhance security on the virtual machines. The solution must meet the following requirements:
• Ensure that only apps on an allowlist can be run.
• Require administrators to confirm each app added to the allowlist.
• Automatically add unauthorized apps to a blocklist when an attempt is made to launch the app.
• Require administrators to approve an app before the app can be moved from the blocklist to the allowlist. What should you include in the solution?

A. a compute policy in Azure Policy
B. admin consent settings for enterprise applications in Azure AD
C. adaptive application controls in Defender for Servers
D. app governance in Microsoft Defender for Cloud Apps

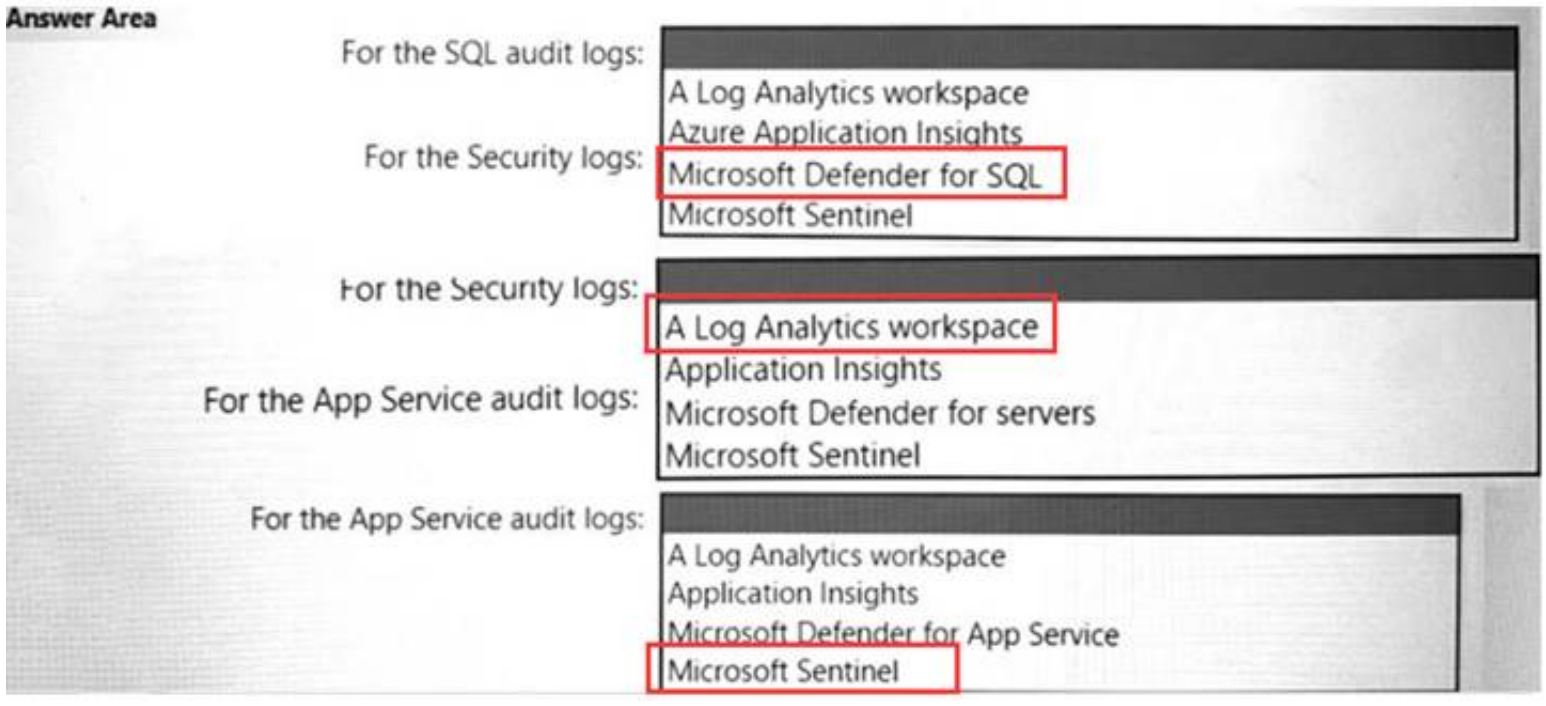
Answer: C

NEW QUESTION 122
- (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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 123
- (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 based on HTTP headers that have the Front Door ID. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/frontdoor/front-door-faq#how-do-i-lock-down-the-access-to-my-backend

NEW QUESTION 124
- (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 125
- (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

Explanation:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources

NEW QUESTION 130
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