Microsoft

Exam Questions SC-100

Microsoft Cybersecurity Architect

NEW QUESTION 1
- (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.

Answer Area		
Statements	**Yes**	**No**
FD1 can be used to protect all the instances of ClaimsApp.	O	O
FD1 must be configured to have a certificate for claims.fabrikam.com.	O	O
To block connections from North Korea to ClaimsApp, you require a custom rule in FD1.	O	O

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area		
Statements	**Yes**	**No**
FD1 can be used to protect all the instances of ClaimsApp.	O	**O**
FD1 must be configured to have a certificate for claims.fabrikam.com.	**O**	O
To block connections from North Korea to ClaimsApp, you require a custom rule in FD1.	**O**	O

NEW QUESTION 2
- (Exam Topic 1)
What should you create in Azure AD to meet the Contoso developer requirements?

Account type for the developers:
A guest account in the contoso.onmicrosoft.com tenant
A guest account in the fabrikam.onmicrosoft.com tenant
A synced user account in the corp.fabrikam.com domain
A user account in the fabrikam.onmicrosoft.com tenant

Component in Identity Governance:
A connected organization
An access package
An access review
An Azure AD role
An Azure resource role

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: A synced user account - Need to use a synched user account.
Box 2: An access review
https://docs.microsoft.com/en-us/azure/active-directory-domain-services/synchronization https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview

NEW QUESTION 3
- (Exam Topic 1)
You need to recommend a solution to meet the security requirements for the InfraSec group. What should you use to delegate the access?

A. a subscription
B. a custom role-based access control (RBAC) role

C. a resource group
D. a management group

Answer: A

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

Answer Area

To enforce compliance to the regulatory standard, create:

- An Azure Automation account
- A blueprint
- A managed identity
- Workflow automation

To exclude TestRG from the compliance assessment:

- Edit an Azure blueprint
- Modify a Defender for Cloud workflow automation
- Modify an Azure policy definition
- Update an Azure policy assignment

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 5
- (Exam Topic 1)
You need to recommend a solution to secure the MedicalHistory data in the ClaimsDetail table. The solution must meet the Contoso developer requirements.
What should you include in the recommendation?

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

Answer: B

Explanation:
https://docs.microsoft.com/en-us/learn/modules/protect-data-transit-rest/4-explain-object-encryption-secure-encl

NEW QUESTION 6
- (Exam Topic 1)
You need to recommend a solution to meet the requirements for connections to ClaimsDB.
What should you recommend using for each requirement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

ClaimsDB must be accessible only from Azure virtual networks:

- A NAT gateway
- A network security group
- A private endpoint
- A service endpoint

The app services permission for ClaimsApp must be assigned to ClaimsDB:

- A custom role-based access control (RBAC) role
- A managed identity
- An access package
- Azure AD Privileged Identity Management (PIM)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

ClaimsDB must be accessible only from Azure virtual networks:	A NAT gateway A network security group **A private endpoint** A service endpoint
The app services permission for ClaimsApp must be assigned to ClaimsDB:	A custom role-based access control (RBAC) role **A managed identity** An access package Azure AD Privileged Identity Management (PIM)

NEW QUESTION 7
- (Exam Topic 2)
You need to design a strategy for securing the SharePoint Online and Exchange Online data. The solution must meet the application security requirements.
Which two services should you leverage in the strategy? Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

A. Azure AD Conditional Access
B. Microsoft Defender for Cloud Apps
C. Microsoft Defender for Cloud
D. Microsoft Defender for Endpoint
E. access reviews in Azure AD

Answer: BE

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-session#c https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-integrate-with-microsoft-cl

NEW QUESTION 8
- (Exam Topic 2)
You need to recommend a multi-tenant and hybrid security solution that meets to the business requirements and the hybrid requirements. What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

To centralize subscription management:	Azure AD B2B Azure AD B2C Azure Lighthouse
To enable the management of on-premises resources:	Azure Arc Azure Stack Edge Azure Stack Hub

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

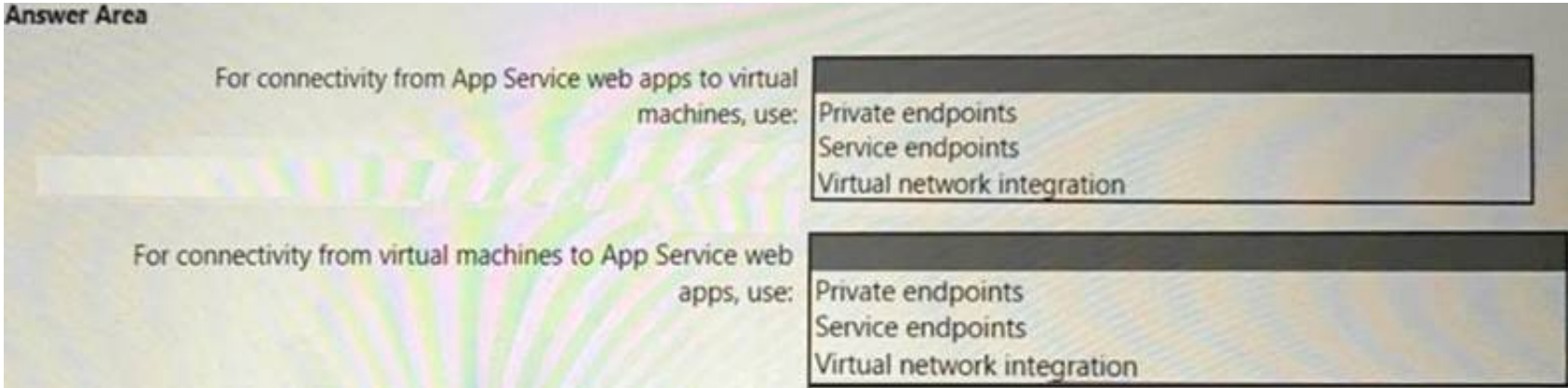|	
To centralize subscription management:	Azure AD B2B **Azure AD B2C** Azure Lighthouse
To enable the management of on-premises resources:	**Azure Arc** Azure Stack Edge Azure Stack Hub

NEW QUESTION 9
- (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.

Answer Area

For connectivity from App Service web apps to virtual machines, use:	Private endpoints Service endpoints Virtual network integration
For connectivity from virtual machines to App Service web apps, use:	Private endpoints Service endpoints Virtual network integration

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 10
- (Exam Topic 2)
To meet the application security requirements, which two authentication methods must the applications support? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Security Assertion Markup Language (SAML)
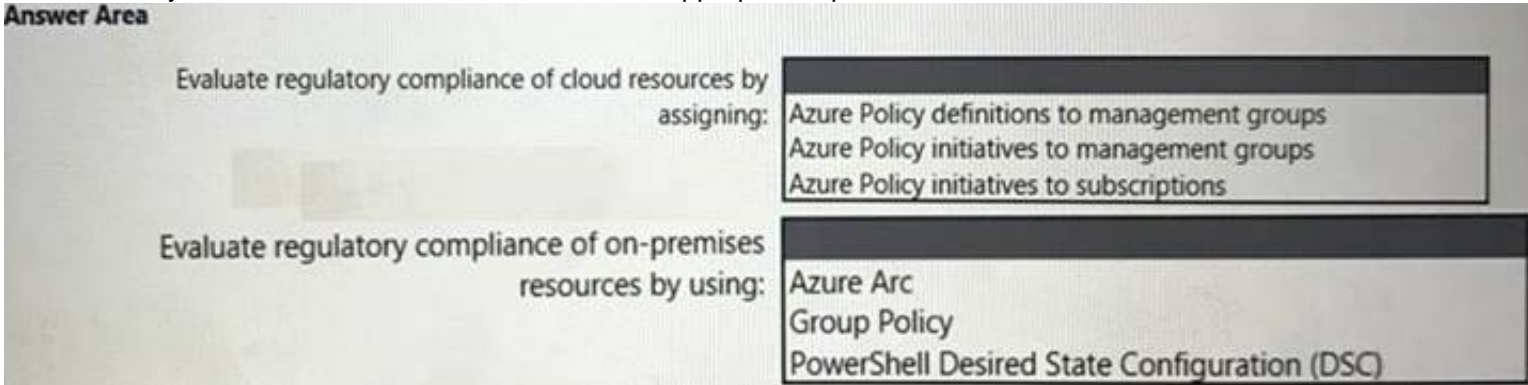B. NTLMv2
C. certificate-based authentication
D. Kerberos

Answer: AD

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-configure-single-sign-on-o https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-configure-single-sign-on-w https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-configure-custom-domain
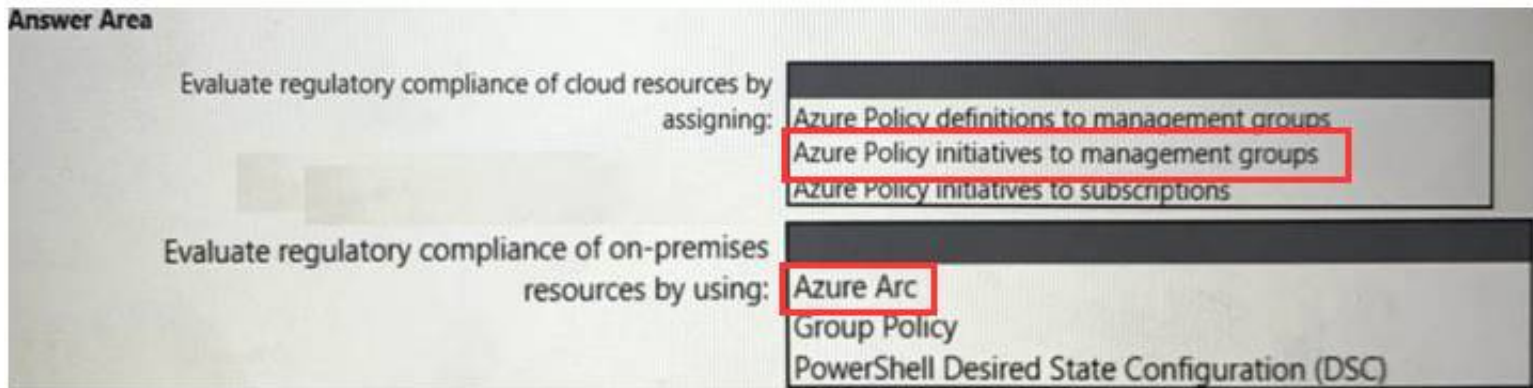

NEW QUESTION 10
- (Exam Topic 2)
You need to recommend a solution to evaluate regulatory compliance across the entire managed environment. The solution must meet the regulatory compliance requirements and the business requirements.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Evaluate regulatory compliance of cloud resources by assigning:	Azure Policy definitions to management groups Azure Policy initiatives to management groups Azure Policy initiatives to subscriptions
Evaluate regulatory compliance of on-premises resources by using:	Azure Arc Group Policy PowerShell Desired State Configuration (DSC)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Evaluate regulatory compliance of cloud resources by assigning:	Azure Policy definitions to management groups **Azure Policy initiatives to management groups** Azure Policy initiatives to subscriptions
Evaluate regulatory compliance of on-premises resources by using:	**Azure Arc** Group Policy PowerShell Desired State Configuration (DSC)

NEW QUESTION 13
- (Exam Topic 3)
You have a customer that has a Microsoft 365 subscription and an Azure subscription.
The customer has devices that run either Windows, iOS, Android, or macOS. The Windows devices are deployed on-premises and in Azure.
You need to design a security solution to assess whether all the devices meet the customer's compliance rules. What should you include in the solution?

A. Microsoft Information Protection
B. Microsoft Defender for Endpoint
C. Microsoft Sentinel
D. Microsoft Endpoint Manager

Answer: D

Explanation:
https://docs.microsoft.com/en-us/mem/intune/protect/compliance-policy-monitor#open-the-compliance-dashboa

NEW QUESTION 17
- (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 20
- (Exam Topic 3)
Your company has the virtual machine infrastructure shown in the following table.

Operation system	Location	Number of virtual machines	Hypervisor
Linux	On-premises	100	VMWare vSphere
Windows Server	On-premises	100	Hyper-V

The company plans to use Microsoft Azure Backup Server (MABS) to back up the virtual machines to Azure.
You need to provide recommendations to increase the resiliency of the backup strategy to mitigate attacks such as ransomware.
What should you include in the recommendation?

A. Use geo-redundant storage (GRS).
B. Use customer-managed keys (CMKs) for encryption.
C. Require PINs to disable backups.
D. Implement Azure Site Recovery replication.

Answer: C

Explanation:
https://docs.microsoft.com/en-us/azure/security/fundamentals/backup-plan-to-protect-against-ransomware#azure

NEW QUESTION 24
- (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 26
- (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 28
- (Exam Topic 3)
Your company has a multi-cloud environment that contains a Microsoft 365 subscription, an Azure subscription, and Amazon Web Services (AWS) implementation. You need to recommend a security posture management solution for the following components:
• Azure IoT Edge devices
• AWS EC2 instances
Which services should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

For the IoT Edge devices:

For the AWS EC2 instances:

Azure Arc
Microsoft Defender for Cloud
Microsoft Defender for Cloud Apps
Microsoft Defender for Endpoint
Microsoft Defender for IoT

For the AWS EC2 instances:

Azure Arc only
Microsoft Defender for Cloud and Azure Arc
Microsoft Defender for Cloud Apps only
Microsoft Defender for Cloud only
Microsoft Defender for Endpoint and Azure Arc
Microsoft Defender for Endpoint only

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 31
- (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 34
- (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.
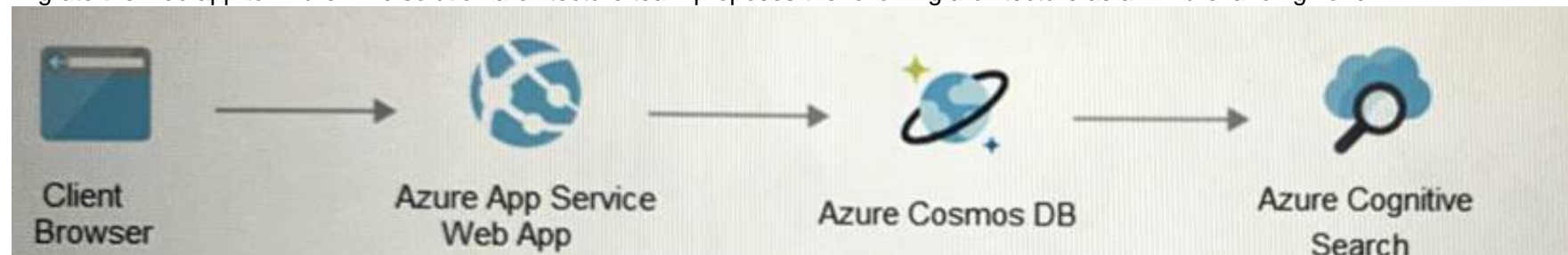
You need to provide recommendations to secure the connection between the web app and the database. The solution must follow the Zero Trust model.
Solution: You recommend creating private endpoints for the web app and the database layer. Does this meet the goal?

A. Yes
B. No

Answer: A

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.
https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-configure-private-endpoints

NEW QUESTION 38
- (Exam Topic 3)
You are designing the security standards for a new Azure environment.
You need to design a privileged identity strategy based on the Zero Trust model. Which framework should you follow to create the design?

A. Enhanced Security Admin Environment (ESAE)
B. Microsoft Security Development Lifecycle (SDL)
C. Rapid Modernization Plan (RaMP)
D. Microsoft Operational Security Assurance (OSA)

Answer: C

Explanation:
https://docs.microsoft.com/en-us/security/compass/security-rapid-modernization-plan This rapid modernization plan (RAMP) will help you quickly adopt Microsoft's recommended privileged access strategy.

NEW QUESTION 39
- (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 41
- (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 43
- (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 45
- (Exam Topic 3)
Your company has a Microsoft 365 E5 subscription.
Users use Microsoft Teams, Exchange Online, SharePoint Online, and OneDrive for sharing and collaborating. The company identifies protected health information (PHI) within stored documents and communications. What should you recommend using to prevent the PHI from being shared outside the company?

A. insider risk management policies
B. data loss prevention (DLP) policies
C. sensitivity label policies
D. retention policies

Answer: B

Explanation:
https://docs.microsoft.com/en-us/microsoft-365/compliance/create-test-tune-dlp-policy?view=o365-worldwide

NEW QUESTION 49
- (Exam Topic 3)
You are designing security for an Azure landing zone. Your company identifies the following compliance and privacy requirements:
• Encrypt cardholder data by using encryption keys managed by the company.
• Encrypt insurance claim files by using encryption keys hosted on-premises.
Which two configurations meet the compliance and privacy requirements? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Store the insurance claim data in Azure Blob storage encrypted by using customer-provided keys.
B. Store the cardholder data in an Azure SQL database that is encrypted by using keys stored in Azure Key Vault Managed HSM
C. Store the insurance claim data in Azure Files encrypted by using Azure Key Vault Managed HSM.
D. Store the cardholder data in an Azure SQL database that is encrypted by using Microsoft-managed Keys.

Answer: AC

Explanation:
https://azure.microsoft.com/en-us/blog/customer-provided-keys-with-azure-storage-service-encryption/

NEW QUESTION 50
- (Exam Topic 3)
Your company is moving a big data solution to Azure.
The company plans to use the following storage workloads:
• Azure Storage blob containers
• Azure Data Lake Storage Gen2
• Azure Storage file shares
• Azure Disk Storage
Which two storage workloads support authentication by using Azure Active Directory (Azure AD)? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Azure Disk Storage
B. Azure Storage blob containers
C. Azure Storage file shares
D. Azure Data Lake Storage Gen2

Answer: BD

Explanation:

https://docs.microsoft.com/en-us/azure/storage/blobs/authorize-access-azure-active-directory https://docs.microsoft.com/en-us/azure/databricks/data/data-sources/azure/adls-gen2/azure-datalake-gen2-sp-acc

NEW QUESTION 52
- (Exam Topic 3)
You have a hybrid cloud infrastructure.
You plan to deploy the Azure applications shown in the following table.

Name	Type	Requirement
App1	An Azure App Service web app accessed from Windows 11 devices on the on-premises network	Protect against attacks that use cross-site scripting (XSS).
App2	An Azure App Service web app accessed from mobile devices	Allow users to authenticate to App2 by using their LinkedIn account.

What should you use to meet the requirement of each app? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

App1:
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 57
- (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 onboarding all virtual machines to Microsoft Defender for Endpoint. Does this meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 61
- (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. Azure Active Directory (Azure AD) Conditional Access policies
B. a custom collector that uses the Log Analytics agent
C. resource-based role-based access control (RBAC)
D. the Azure Monitor agent

Answer: BC

Explanation:

https://docs.microsoft.com/en-us/azure/azure-monitor/agents/log-analytics-agent

NEW QUESTION 63
- (Exam Topic 3)
Your company has a Microsoft 365 E5 subscription.
The company plans to deploy 45 mobile self-service kiosks that will run Windows 10. You need to provide recommendations to secure the kiosks. The solution must meet the following requirements:
• Ensure that only authorized applications can run on the kiosks.
• Regularly harden the kiosks against new threats.
Which two actions should you include in the recommendations? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: DE

Explanation:
(https://docs.microsoft.com/en-us/microsoft-365/security/defender-vulnerability-management/defender-vulnerab

NEW QUESTION 64
- (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 65
- (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: A

NEW QUESTION 67
- (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.

Answer Area

For the customers:	
	Azure AD B2B authentication with access package assignments
	Azure AD B2C authentication
	Federation in Azure AD Connect with Active Directory Federation Services
	Pass-through authentication in Azure AD Connect
	Password hash synchronization in Azure AD Connect

For the partners:	
	Azure AD B2B authentication with access package assignments
	Azure AD B2C authentication
	Federation in Azure AD Connect with Active Directory Federation Services
	Pass-through authentication in Azure AD Connect
	Password hash synchronization in Azure AD Connect

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 72
- (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 74
- (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 77
- (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 80
- (Exam Topic 3)
You use Azure Pipelines with Azure Repos to implement continuous integration and continuous deployment (CI/CO) workflows.
You need to recommend best practices to secure the stages of the CI/CD workflows based on the Microsoft Cloud Adoption Framework for Azure.
What should you include in the recommendation for each stage? 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 84
- (Exam Topic 3)
Your company has Microsoft 365 E5 licenses and Azure subscriptions.
The company plans to automatically label sensitive data stored in the following locations:
• Microsoft SharePoint Online
• Microsoft Exchange Online
• Microsoft Teams
You need to recommend a strategy to identify and protect sensitive data.
Which scope should you recommend for the sensitivity label policies? To answer, drag the appropriate scopes to the correct locations. Each scope may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Groups and sites
Box 2: Groups and sites
Box 3: Files and emails –
https://docs.microsoft.com/en-us/microsoft-365/compliance/sensitivity-labels?view=o365-worldwide Go to label scopes

NEW QUESTION 86
- (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 90
- (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 92
- (Exam Topic 3)
Your company has a Microsoft 365 subscription and uses Microsoft Defender for Identity. You are informed about incidents that relate to compromised identities.
You need to recommend a solution to expose several accounts for attackers to exploit. When the attackers attempt to exploit the accounts, an alert must be triggered. Which Defender for Identity feature should you include in the recommendation?

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

Answer: B

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

NEW QUESTION 96
- (Exam Topic 3)
You have an on-premises network that has several legacy applications. The applications perform LDAP queries against an existing directory service. You are migrating the on-premises infrastructure to a cloud-only infrastructure.
You need to recommend an identity solution for the infrastructure that supports the legacy applications. The solution must minimize the administrative effort to maintain the infrastructure.
Which identity service should you include in the recommendation?

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

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory-domain-services/overview

NEW QUESTION 98
- (Exam Topic 3)
Your company has an on-premise network in Seattle and an Azure subscription. The on-premises network contains a Remote Desktop server.
The company contracts a third-party development firm from France to develop and deploy resources to the virtual machines hosted in the Azure subscription.
Currently, the firm establishes an RDP connection to the Remote Desktop server. From the Remote Desktop connection, the firm can access the virtual machines hosted in Azure by using custom administrative tools installed on the Remote Desktop server. All the traffic to the Remote Desktop server is captured by a firewall, and the firewall only allows specific connections from France to the server.
You need to recommend a modern security solution based on the Zero Trust model. The solution must minimize latency tor developers.
Which three actions should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: BCD

Explanation:
https://docs.microsoft.com/en-us/azure/firewall/protect-azure-virtual-desktop

NEW QUESTION 99

- (Exam Topic 3)
You use Azure Pipelines with Azure Repos to implement continuous integration and continuous deployment (O/CD) workflows for the deployment of applications to Azure. You need to recommend what to include in dynamic application security testing (DAST) based on the principles of the Microsoft Cloud Adoption Framework for Azure. What should you recommend?

A. unit testing
B. penetration testing
C. dependency checks
D. threat modeling

Answer: C

NEW QUESTION 100
- (Exam Topic 3)
Your company is developing a modern application that will run as an Azure App Service web app. You plan to perform threat modeling to identify potential security issues by using the Microsoft Threat Modeling Tool. Which type of diagram should you create?

A. data flow
B. system flow
C. process flow
D. network flow

Answer: A

Explanation:
https://docs.microsoft.com/en-us/learn/modules/tm-create-a-threat-model-using-foundational-data-flow-diagram https://docs.microsoft.com/en-us/azure/security/develop/threat-modeling-tool-getting-started?source=recommen

NEW QUESTION 105
- (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 109
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