



# Microsoft

## Exam Questions SC-100

Microsoft Cybersecurity Architect

#### NEW QUESTION 1

- (Exam Topic 1)

You need to recommend a solution to meet the AWS requirements.

What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 2

- (Exam Topic 1)

You need to recommend a solution to meet the compliance requirements.

What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

### NEW QUESTION 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:** D

### NEW QUESTION 4

- (Exam Topic 2)

You need to recommend an identity security solution for the Azure AD tenant of Litware. The solution must meet the identity requirements and the regulatory compliance requirements.

What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

### NEW QUESTION 5

- (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

### NEW QUESTION 6

- (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. honeypot entity tags
- C. sensitivity labels
- D. custom user tags

**Answer:** D

### NEW QUESTION 7

- (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 8

- (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:** A

#### NEW QUESTION 9

- (Exam Topic 3)

You need to design a solution to provide administrators with secure remote access to the virtual machines. The solution must meet the following requirements:

- Prevent the need to enable ports 3389 and 22 from the internet.
- Only provide permission to connect the virtual machines when required.
- Ensure that administrators use the Azure portal to connect to the virtual machines.

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

- A. Enable Azure Active Directory (Azure AD) Privileged Identity Management (PIM) roles as virtual machine contributors.
- B. Configure Azure VPN Gateway.
- C. Enable Just Enough Administration (JEA).
- D. Enable just-in-time (JIT) VM access.
- E. Configure Azure Bastion.

**Answer:** CE

#### NEW QUESTION 10

- (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:** A

#### 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

#### NEW QUESTION 13

- (Exam Topic 3)

Your company develops several applications that are accessed as custom enterprise applications in Azure Active Directory (Azure AD). You need to recommend a solution to prevent users on a specific list of countries from connecting to the applications. What should you include in the recommendation?

- A. activity policies in Microsoft Defender for Cloud Apps
- B. sign-in risk policies in Azure AD Identity Protection
- C. device compliance policies in Microsoft Endpoint Manager
- D. Azure AD Conditional Access policies
- E. user risk policies in Azure AD Identity Protection

**Answer:** A

#### NEW QUESTION 16

- (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:** A

#### NEW QUESTION 18

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled.

You are evaluating the Azure Security Benchmark V3 report as shown in the following exhibit.

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

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

**Answer:** E

#### NEW QUESTION 21

- (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:** C

#### NEW QUESTION 26

- (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

#### NEW QUESTION 28

- (Exam Topic 3)

You have a Microsoft 365 E5 subscription and an Azure subscription. You need to evaluate the existing environment to increase the overall security posture for the following components:

- Windows 11 devices managed by Microsoft Intune
- Azure Storage accounts
- Azure virtual machines

What should you use to evaluate the components? To answer, select the appropriate options in the answer area.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 29

- (Exam Topic 3)

Your company has a Microsoft 365 E5 subscription.

The Chief Compliance Officer plans to enhance privacy management in the working environment. You need to recommend a solution to enhance the privacy management. The solution must meet the following requirements:

- Identify unused personal data and empower users to make smart data handling decisions.
- Provide users with notifications and guidance when a user sends personal data in Microsoft Teams.
- Provide users with recommendations to mitigate privacy risks. What should you include in the recommendation?

- A. Microsoft Viva Insights
- B. Advanced eDiscovery
- C. Privacy Risk Management in Microsoft Priva
- D. communication compliance in insider risk management

**Answer:** A

#### NEW QUESTION 33

- (Exam Topic 3)

Your company has a hybrid cloud infrastructure that contains an on-premises Active Directory Domain Services (AD DS) forest, a Microsoft B65 subscription, and an Azure subscription.

The company's on-premises network contains internal web apps that use Kerberos authentication. Currently, the web apps are accessible only from the network.

You have remote users who have personal devices that run Windows 11.

You need to recommend a solution to provide the remote users with the ability to access the web apps. The solution must meet the following requirements:

- Prevent the remote users from accessing any other resources on the network.
- Support Azure Active Directory (Azure AD) Conditional Access.
- Simplify the end-user experience.

What should you include in the recommendation?

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

**Answer:** B

#### NEW QUESTION 35

- (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 for developers.

Which three actions should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

**Answer:** BDE

#### NEW QUESTION 38

- (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

#### NEW QUESTION 40

- (Exam Topic 3)

Your company has a hybrid cloud infrastructure.

The company plans to hire several temporary employees within a brief period. The temporary employees will need to access applications and data on the company' premises network.

The company's security policy prevents the use of personal devices for accessing company data and applications.

You need to recommend a solution to provide the temporary employee with access to company resources. The solution must be able to scale on demand.

What should you include in the recommendation?

- A. Migrate the on-premises applications to cloud-based applications.
- B. Redesign the VPN infrastructure by adopting a split tunnel configuration.
- C. Deploy Microsoft Endpoint Manager and Azure Active Directory (Azure AD) Conditional Access.
- D. Deploy Azure Virtual Desktop, Azure Active Directory (Azure AD) Conditional Access, and Microsoft Defender for Cloud Apps.

**Answer:** D

#### NEW QUESTION 41

- (Exam Topic 3)

You have a Microsoft 365 subscription and an Azure subscription. Microsoft 365 Defender and Microsoft Defender for Cloud are enabled.

The Azure subscription contains a Microsoft Sentinel workspace. Microsoft Sentinel data connectors are configured for Microsoft 365, Microsoft 365 Defender, Defender for Cloud, and Azure.

You plan to deploy Azure virtual machines that will run Windows Server.

You need to enable extended detection and response (EDR) and security orchestration, automation, and response (SOAR) capabilities for Microsoft Sentinel.

How should you recommend enabling each capability? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



#### NEW QUESTION 43

- (Exam Topic 3)

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

Uploading the code to repositories Building containers

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 48

- (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

#### NEW QUESTION 53

- (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:** DE

#### 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 enabling just-in-time (JIT) VM access on all virtual machines.

Does this meet the goal?

- A. Yes
- B. No



**Answer:** A

#### NEW QUESTION 62

- (Exam Topic 3)

You are designing security for a runbook in an Azure Automation account. The runbook will copy data to Azure Data Lake Storage Gen2.

You need to recommend a solution to secure the components of the copy process.

What should you include in the recommendation for each component? 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 64

- (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. Azure Active Directory (Azure AD) Conditional Access App Control policies
- B. OAuth app policies in Microsoft Defender for Cloud Apps
- C. app protection policies in Microsoft Endpoint Manager
- D. application control policies in Microsoft Defender for Endpoint

**Answer:** A

#### NEW QUESTION 65

- (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:** B

#### NEW QUESTION 67

- (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 72

- (Exam Topic 3)

Azure subscription that uses Azure Storage.

The company plans to share specific blobs with vendors. You need to recommend a solution to provide the vendors with secure access to specific blobs without exposing the blobs publicly. The access must be time-limited. 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 74

- (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:** D

#### NEW QUESTION 78

- (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

#### NEW QUESTION 79

- (Exam Topic 3)

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

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

What should you include in the recommendation?

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

**Answer:** A

#### NEW QUESTION 81

- (Exam Topic 3)

You have an Azure subscription that has Microsoft Defender for Cloud enabled. You have an Amazon Web Services (AWS) implementation.

You plan to extend the Azure security strategy to the AWS implementation. The solution will NOT use Azure Arc. Which three services can you use to provide security for the AWS resources? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Azure Active Directory (Azure AD) Privileged Identity Management (PIM)
- B. Azure Active Directory (Azure AD) Conditional Access
- C. Microsoft Defender for servers
- D. Azure Policy
- E. Microsoft Defender for Containers

**Answer:** BE

#### NEW QUESTION 85

- (Exam Topic 3)

You have a Microsoft 365 E5 subscription.

You are designing a solution to protect confidential data in Microsoft SharePoint Online sites that contain more than one million documents.

You need to recommend a solution to prevent Personally Identifiable Information (PII) from being shared.

Which two components should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. data loss prevention (DLP) policies
- B. sensitivity label policies
- C. retention label policies
- D. eDiscovery cases

**Answer:** AD

#### NEW QUESTION 86

- (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:** A

#### NEW QUESTION 89

.....

## Thank You for Trying Our Product

### We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

### SC-100 Practice Exam Features:

- \* SC-100 Questions and Answers Updated Frequently
- \* SC-100 Practice Questions Verified by Expert Senior Certified Staff
- \* SC-100 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* SC-100 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The SC-100 Practice Test Here](#)**