



# SC-100<sup>Q&As</sup>

Microsoft Cybersecurity Architect

## Pass Microsoft SC-100 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.geekcert.com/sc-100.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft  
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





### QUESTION 1

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

Correct Answer: C

---

### QUESTION 2

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

Correct Answer: B

Scenario: Requirements. Security Requirements include:

Only members of a group named InfraSec must be allowed to configure network security groups (NSGs) and instances of Azure Firewall, WAF, and Front Door in Sub1.

If the Azure built-in roles don't meet the specific needs of your organization, you can create your own custom roles. Just like built-in roles, you can assign custom roles to users, groups, and service principals at management group (in preview

only), subscription, and resource group scopes.

Incorrect:

Not D: Management groups are useful when you have multiple subscriptions. This is not what is addressed in this question.

Scenario: Fabrikam has a single Azure subscription named Sub1.

Note: If your organization has many Azure subscriptions, you may need a way to efficiently manage access, policies, and compliance for those subscriptions. Management groups provide a governance scope above subscriptions. You

organize subscriptions into management groups the governance conditions you apply cascade by inheritance to all associated subscriptions.

Management groups give you enterprise-grade management at scale no matter what type of subscriptions you might have. However, all subscriptions within a single management group must trust the same Azure Active Directory (Azure AD)

tenant.

Reference: <https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles>

---

### QUESTION 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. SQL Server on Azure Virtual Machines
- B. Azure Synapse Analytics dedicated SQL pools
- C. Azure SQL Database

Correct Answer: C



Explanation:

Azure SQL Database, Azure SQL Managed Instance, and Azure Synapse Analytics support dynamic data masking. Dynamic data masking limits sensitive data exposure by masking it to non-privileged users.

Azure SQL Database is cheaper as its offer DTU's based tier and also vCore based for more intensive workflow.

However, Managed Instance offers almost ~100% compatibility with on-prem Microsoft SQL Server.

Incorrect:

Not A: SQL Server does not support dynamic data masking.

Not B: Synapse Analytics is more expensive compared to Azure SQL Database.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/dynamic-data-masking-overview?view=azuresql>

<https://learn.microsoft.com/en-us/answers/questions/1057631/azure-sql-db-vs-azure-sql-managed-instance-cost>

---

#### QUESTION 4

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. Modify
- C. Append
- D. Disabled

Correct Answer: D

This effect is useful for testing situations or for when the policy definition has parameterized the effect. This flexibility makes it possible to disable a single assignment instead of disabling all of that policy's assignments.

An alternative to the Disabled effect is enforcementMode, which is set on the policy assignment. When enforcementMode is Disabled, resources are still evaluated.

Incorrect:

Not A: Deny is used to prevent a resource request that doesn't match defined standards through a policy definition and fails the request.

Not B: Modify evaluates before the request gets processed by a Resource Provider during the creation or updating of a resource. The Modify operations are applied to the request content when the if condition of the policy rule is met. Each

Modify operation can specify a condition that determines when it's applied. Operations with conditions that are



evaluated to false are skipped.

Not C: Append is used to add additional fields to the requested resource during creation or update.

Reference: <https://docs.microsoft.com/en-us/azure/governance/policy/concepts/effects>

## QUESTION 5

### HOTSPOT

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.

Hot Area:



## Answer Area

App1:

	▼
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	

Correct Answer:



## Answer Area

App1:

	▼
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	

Box 1: Azure Application Gateway Web Application Firewall policies

Azure Application Gateway is a web traffic load balancer that enables you to manage traffic to your web applications.

Azure Web Application Firewall is a cloud-native service that protects web apps from common web-hacking techniques such as SQL injection and security vulnerabilities such as cross-site scripting.

Box 2: Azure Active Directory B2C with Conditional Access

You can set up sign-up and sign-in with a LinkedIn account using Azure Active Directory B2C.

You can enhance the security of Azure Active Directory B2C (Azure AD B2C) with Azure AD Identity Protection and Conditional Access. Incorrect:

\* Azure VPN Gateway with network security group rules NSGs cannot protect against XSS.

Reference: <https://learn.microsoft.com/en-us/azure/application-gateway/overview> <https://azure.microsoft.com/en-us/products/web-application-firewall/#overview> <https://learn.microsoft.com/en-us/azure/active-directory-b2c/identity-provider-linkedin>

[Latest SC-100 Dumps](#)

[SC-100 PDF Dumps](#)

[SC-100 Practice Test](#)