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**Microsoft**

# SC-100

*Microsoft Cybersecurity Architect*



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### Question: 33

You are creating an application lifecycle management process based on the Microsoft Security Development Lifecycle (SDL).

You need to recommend a security standard for onboarding applications to Azure. The standard will include recommendations for application design, development, and deployment

What should you include during the application design phase?

- A. static application security testing (SAST) by using SonarQube
- B. dynamic application security testing (DAST) by using Veracode
- C. threat modeling by using the Microsoft Threat Modeling Tool
- D. software decomposition by using Microsoft Visual Studio Enterprise

**Answer: C**

Explanation:

<https://www.microsoft.com/en-us/securityengineering/sdl/threatmodeling>

### Question: 34

HOTSPOT

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.

For connectivity from App Service web apps to virtual machines, use:

<input type="checkbox"/>	Private endpoints
<input type="checkbox"/>	Service endpoints
<input type="checkbox"/>	Virtual network integration

For connectivity from virtual machines to App Service web apps, use:

<input type="checkbox"/>	Private endpoints
<input type="checkbox"/>	Service endpoints
<input type="checkbox"/>	Virtual network integration

**Answer:**

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

Explanation:

Box 1: Virtual Network Integration – correct

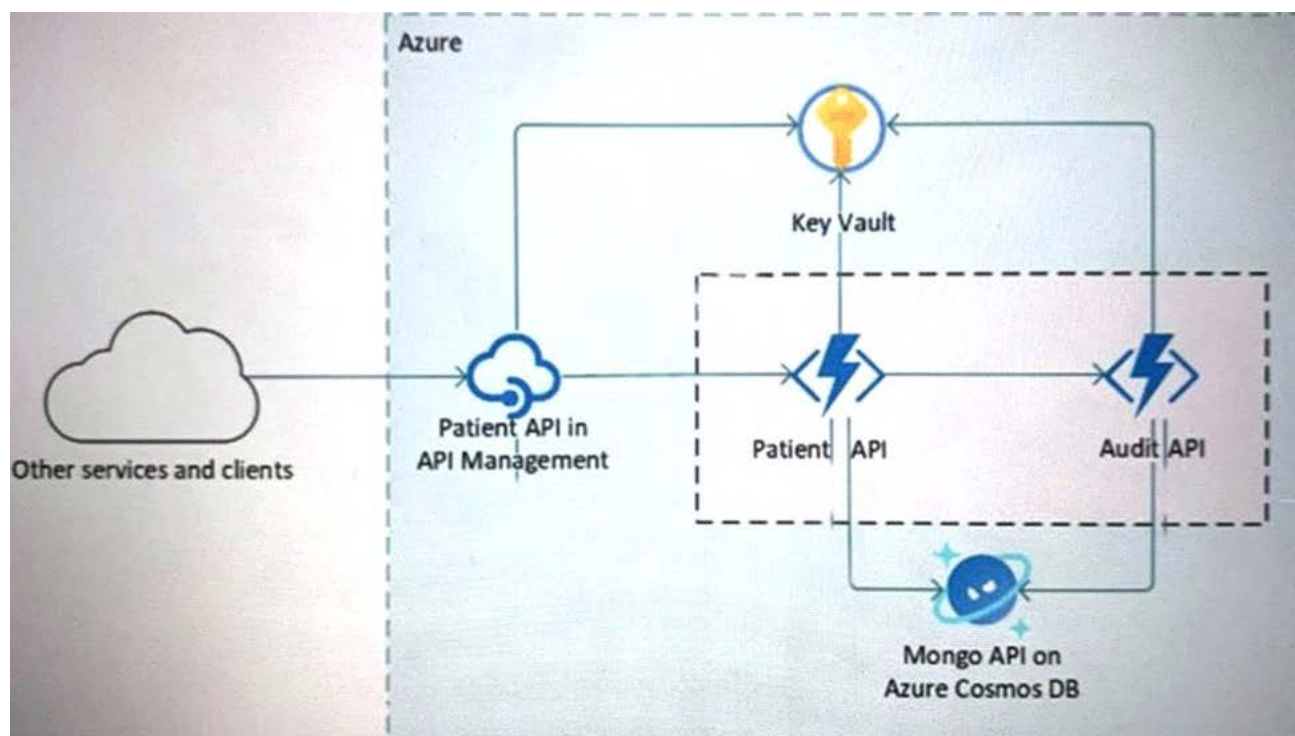
Virtual network integration gives your app access to resources in your virtual network, but it doesn't grant inbound private access to your app from the virtual network.

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.

### Question: 35

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>

**Question: 36**

You need to recommend a solution to scan the application code. The solution must meet the application development requirements.

What should you include in the recommendation?

- A. Azure Key Vault
- B. GitHub Advanced Security
- C. Application Insights in Azure Monitor
- D. Azure DevTest Labs

**Answer: B**

Explanation:

<https://docs.microsoft.com/en-us/learn/modules/introduction-github-advanced-security/2-what-is-github-advanced-security>

**Question: 37**

**HOTSPOT**

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.

For Azure AD-targeted threats:

Azure AD Identity Protection
Azure AD Password Protection
Microsoft Defender for Cloud

For AD DS-targeted threats:

An account lockout policy in AD DS
Microsoft Defender for Endpoint
Microsoft Defender for Identity

**Answer:**

For Azure AD-targeted threats:

Azure AD Identity Protection
Azure AD Password Protection
Microsoft Defender for Cloud

For AD DS-targeted threats:

An account lockout policy in AD DS
Microsoft Defender for Endpoint
Microsoft Defender for Identity

Explanation:

**Question: 38**

You are designing a ransomware response plan that follows Microsoft Security Best Practices.

You need to recommend a solution to limit the scope of damage of ransomware attacks without being locked out.

What should you include in the recommendations?

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

**Answer: B**

**Question: 39**

**HOTSPOT**

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

**Answer:**

**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

**Question: 40**

## HOTSPOT

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.

## Answer Area

Git workflow: Azure Key Vault

- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

Secure deployment credentials: Protected branches

- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

**Answer:**

## Answer Area

Git workflow: Azure Key Vault

- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

Secure deployment credentials: Protected branches

- Azure Key Vault
- Custom roles for build agents
- Protected branches
- Resource locks in Azure

## Question: 41

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:** A,E

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>

**Question: 42**

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>





# SAMPLE QUESTIONS

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