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Question 1

Your company plans to follow DevSecOps best practices of the Microsoft Cloud Adoption Framework for Azure.

You need to perform threat modeling by using a top-down approach based on the Microsoft Cloud Adoption Framework for Azure.

What should you use to start the threat modeling process?

Options:

A- the STRIDE model

B- the DREAD model

C- OWASP threat modeling

Answer:

C

Question 2

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.

Options:

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:

A, C, E

Question 3

Your company plans to follow DevSecOps best practices of the Microsoft Cloud Adoption Framework for Azure to integrate DevSecOps processes into continuous integration and continuous deployment (CI/CD) DevOps pipelines
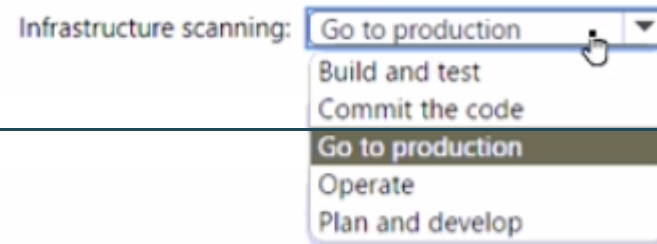
You need to recommend which security-related tasks to integrate into each stage of the DevOps pipelines.

What should recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Infrastructure scanning: Go to production
- Build and test
- Commit the code
- **Go to production**
- Operate
- Plan and develop

Answer:

Question 4

Static application security testing: Plan and develop
- **Build and test**
- Commit the code
- Go to production
- Operate
- Plan and develop

Question Type: **MultipleChoice**

You use Azure Pipelines with Azure Repos to implement continuous integration and continuous deployment (CI/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?
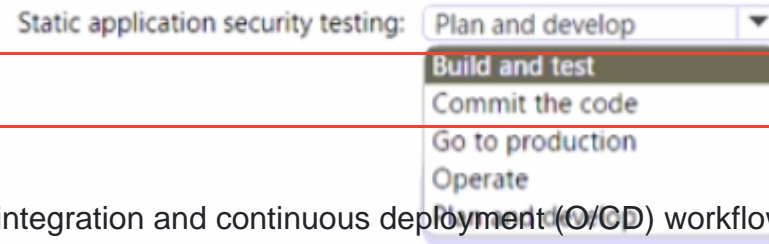
A- unit testing

B- penetration testing

C- dependency testing

D- threat modeling

Answer:

C

Question 5

Question Type: **MultipleChoice**

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?

Options:

A- Privileged Access Workstations (PAWs)

B- emergency access accounts

C- device compliance policies

D- Customer Lockbox for Microsoft Azure

Answer:

B

Question 6

Question Type: 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 |

Answer:

Secure deployment credentials: | Protected branches ▼ |

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