

# Devops Institute DSOP

DevSecOps Practitioner

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# Latest Version: 6.0

## Question: 1

Which emerging technology is expected to enhance security in DevSecOps pipelines?

Response:

- A. Blockchain for secure code and artifact verification
- B. Disabling security tools to speed up deployment
- C. Eliminating cloud security controls
- D. Relying on manual testing instead of automation

**Answer: A**

## Question: 2

What advancements are expected in DevSecOps security monitoring?

(Select two)

Response:

- A. Real-time anomaly detection using AI and machine learning
- B. Enhanced API security monitoring for cloud environments
- C. Removing security monitoring to improve development speed
- D. Disabling security alerts to reduce noise

**Answer: A,B**

## Question: 3

Why should security testing be automated in a DevSecOps pipeline?

Response:

- A. To identify vulnerabilities continuously and minimize manual security efforts
- B. To slow down the release cycle and ensure security reviews are done manually
- C. To remove the need for monitoring security vulnerabilities
- D. To allow security teams to work independently from development teams

**Answer: A**

### Question: 4

How can teams ensure security is effectively integrated into a DevSecOps pipeline?

(Select two)

Response:

- A. Using Static Application Security Testing (SAST) tools in the CI/CD process
- B. Conducting regular security training for developers
- C. Removing security monitoring to reduce pipeline complexity
- D. Delaying security scanning to the final release stage

**Answer: A,B**

### Question: 5

In DevSecOps infrastructure, the practice of storing and managing sensitive information such as API keys and passwords securely is called \_\_\_\_\_.

Response:

- A. Secrets Management
- B. Manual Authentication
- C. Configuration Hardcoding
- D. Static Key Storage

**Answer: A**

### Question: 6

How does DevSecOps help reduce security vulnerabilities in software development?

(Select two)

Response:

- A. By continuously monitoring and assessing security risks
- B. By automating security controls throughout the development lifecycle
- C. By performing security assessments only in production
- D. By avoiding integration of security tools in CI/CD pipelines

**Answer: A,B**

### Question: 7

The concept of integrating security as a shared responsibility across development, security, and operations teams is known as \_\_\_\_\_.

Response:

- A. DevSecOps
- B. Security isolation
- C. Manual compliance review
- D. Waterfall security

**Answer: A**

### Question: 8

What are key factors when defining security Key Performance Indicators (KPIs) in DevSecOps?  
(Select two)

Response:

- A. Measuring how quickly security vulnerabilities are resolved
- B. Tracking compliance adherence within development pipelines
- C. Counting the number of developers working on security-related tasks
- D. Avoiding security audits to speed up software releases

**Answer: A,B**

### Question: 9

Why is Infrastructure as Code (IaC) important in DevSecOps?

Response:

- A. It enables security policies to be codified and enforced automatically
- B. It removes the need for security automation in cloud environments
- C. It prevents security tools from being integrated into development workflows
- D. It increases reliance on manual infrastructure configurations

**Answer: A**

### Question: 10

How does continuous learning improve DevSecOps security outcomes?  
(Select two)

Response:

- A. It helps teams adapt to evolving security threats
- B. It ensures security best practices are continuously refined
- C. It prevents organizations from updating security policies
- D. It reduces transparency in security processes

<b>Answer: A,B</b>
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