

# QUESTIONS & ANSWERS

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**Cisco**

# 300-910

*Implementing DevOps Solutions and Practices using  
Cisco Platforms (DEVOPS)*

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**QUESTION 46** What are two advantages of using Configuration Management Tools? (Choose two.)

- A. reduction in policy violations caused by human errors
- B. reduction in administration costs
- C. reduction in network changes already performed automatically
- D. reduction of on-premises networking equipment
- E. reduction in networking team skills

**Answer:** BC

**Section: Logging, Monitoring, and Metrics**

**QUESTION 47**

An end user is seeing long web page load times on the internal business application that they are trying to view. The user is seeing this issue across multiple web browsers, and other users encounter the same issue. Which action should the system administrator take to start looking for the cause of this issue?

- A. Check to make sure Nginx is running.
- B. Check for response times in Nginx logs.
- C. Check to make sure the web API response is coming back in JSON.
- D. Check the size of the database that the application is using.

**Correct Answer:** B

**Section: Logging, Monitoring, and Metrics**

**QUESTION 48**

How long analysis systems such as Elasticsearch, Logstash, and Kibana Stack handle ingesting unstructured logs from different devices in various formats?

- A. All devices that generate syslogs must use agents that process the local logs and transmit them in a specific format to the ELK Stack.
- B. All logs are stored in their unstructured text format, and the ELK Stack performs data analysis by intelligently parsing the logs using machine learning algorithms.
- C. All different message formats are parsed separately using custom filters, and the resulting structured data is stored for later analysis.
- D. A single, comprehensive log format is defined on the ELK Stack. All incoming logs, regardless of format, are transformed to match the comprehensive format, and only applicable fields are populated.

**Answer:** D

**Section: Logging, Monitoring, and Metrics**

**QUESTION 49**

What is chaos engineering?

- A. designing an application with fuzzy logic that makes it hard to predict
- B. a product engineering approach that lacks a formal methodology
- C. splitting a project between teams that do not communicate with each other
- D. introducing problems into a system to study behavior and improve reliability

**Answer:** D

**Section: Logging, Monitoring, and Metrics**

**Explanation**

**QUESTION 50**

A developer is nearing the end of a software development cycle and is ready to deploy the software. The customer wants to continue using a secure software development lifecycle methodology and must plan for postproduction components. Which two areas should be the developer address? (Choose two.)

- A. performing code reviews
- B. requirement gathering
- C. change management process
- D. new code scanning
- E. rollback plans

**Answer:** AC

**Section: Security**

**QUESTION 51**

Which type of security testing should be performed as a part of a CI/CD pipeline by analyzing the source code itself without compiling the code into a running executable?

- A. Dynamic Application Security Testing
- B. Runtime Application Health-Protection
- C. Continuous Application Security Testing
- D. Static Analysis Security Testing

**Answer:** D

**Section: Security**

**QUESTION 52**

Which method is a safe way to provide a username/password combination to an application running as a service in a Docker container?

- A. encode the value with base64 in a secure DNS CTEXT entry
- B. as an environment variable in the Dockerfile
- C. Docker environment variable
- D. Docker secrets

**Answer:** D

**Section: Security**

**QUESTION 53** How does eliminating hardcoded or default passwords help to secure an environment?

- A. helps by enforcing your password in a repository and storing it in a secure vault
- B. helps to manage passwords centrally

- C. helps penetration testing team to focus on other issues more efficiently
- D. helps by removing back doors in your environments

**Answer:** A

**Section: Security**

**QUESTION 54** What is as responsibility for teams running private cloud servers that is less of a concern when running in the public cloud?

- A. cost
- B. metrics and monitoring
- C. hardware maintenance
- D. credentials management

**Answer:** D

**Section: Security**

**Explanation/Reference:**

**QUESTION 55** Which two elements help to secure your API keys? (Choose two.)

- A. randomness
- B. SHA1
- C. triple AES
- D. rotation
- E. dictionary

**Answer:** AC

**Section: Security**

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