



300-910^{Q&As}

Implementing DevOps Solutions and Practices using Cisco Platforms
(DEVOPS)

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QUESTION 1

An organization is developing an application using Git. Each team member is assigned to work on specific parts of the application. At the end of each task, individual code parts are merged in the main build.

Which two requirements should be implemented to increase the likelihood of continuous integration? (Choose two.)

- A. Changes must be scheduled to deploy at a specific time that has minimal traffic
- B. Changes must include automated tests
- C. Changes must be validated during deployment to the production environment
- D. Smaller, individually testable changes must be merged first
- E. Team members must be responsible for the code committed by any team member

Correct Answer: BC

QUESTION 2

Which type of testing should be integrated into a CI/CD pipeline to ensure the correct behavior of all of the modules in the source code that were developed using TDD?

- A. soak testing
- B. unit testing
- C. load testing
- D. volume testing

Correct Answer: B

QUESTION 3

What are two reasons a Docker golden image should be updated? (Choose two.)

- A. when there is a change to a username or password in the Docker secrets
- B. when the application has a new release
- C. when a fix for a security vulnerability is released
- D. when a change is needed to an environment variable in the Dockerfile
- E. when the base image is nearing the end of life

Correct Answer: BC



QUESTION 4

What is an advantage of using configuration management tools to automate infrastructure services?

- A. eliminates the need to run integration tests within the CI/CD pipeline
- B. provides high native monitoring of services
- C. eliminates the need for CI/CD tools
- D. integrates with container orchestration

Correct Answer: C

QUESTION 5

What are two benefits of Infrastructure as Code? (Choose two.)

- A. It enables continuous integration.
- B. It allows for management control.
- C. It ensures consistency.
- D. It improves application monitoring.
- E. It reduces risk.

Correct Answer: CE

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