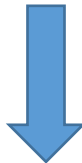


Cisco DevNet Certification 300-910 DEVOPS Exam



- **Vendor: Cisco**
- **Exam Code: 300-910**
- **Exam Name: Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)**

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NEW QUESTION 1

A DevOps engineering wants to build an application implementation based on the CI/CD pipeline model. Which service should be used to provide hosted continuous service for open and private projects?

- A. Ansible
- B. pyATS
- C. Genie CLI
- D. Travis CI

Answer: D

NEW QUESTION 2

A DevOps engineer has built a new container and must open port 8080 for intercontainer communication. Which command must be added in a Dockerfile to accomplish this goal?

- A. EXPOSE 8080
- B. FIREWALL ADD-PORT 8080
- C. PORT 8080
- D. OPEN PORT 8080

Answer: A

NEW QUESTION 3

Which two actions help limit the attack surface of your Docker container? (Choose two.)

- A. Run only a single service in each container.
- B. Run all services in a single image.
- C. Use version tags for base images and dependencies.
- D. Use Kali Linux as a base image.
- E. Download images over HTTPS supporting sites.

Answer: CE

NEW QUESTION 4

What is the effective way to manage computing costs in a public cloud?

- A. Monitor data transfers to minimize cost.
- B. Use dedicated hardware for all instances.
- C. Select the largest instance option available in order to pay for only one instance.
- D. Make use of elastic services and scale on demand.

Answer: D

NEW 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.

Answer: CE

NEW QUESTION 6

Which two characteristics of a build tool that is used in an automated build pipeline? (Choose two.)

- A. It runs unit tests against code that is committed.
- B. It builds your software on the production environment.
- C. It builds your software when changes are committed.
- D. It builds your software every 500 milliseconds.
- E. It must have a plug-in for Puppet and Maven.

Answer: AC

NEW QUESTION 7

When DevOps practices are integrated into an existing organization, which two characteristics are positive indicators of DevOps maturity? (Choose two.)

- A. mean time between success
- B. mean time to recover
- C. cone testing
- D. change lead time
- E. age of codebase

Answer: BD

NEW QUESTION 8

Which two statements about Infrastructure as Code are true? (Choose two.)

- A. Test-driven development practices make use of Infrastructure as Code.
- B. Infrastructure as Code refers to automated testing libraries.
- C. DevOps builds upon Infrastructure as Code.
- D. Infrastructure as Code is based on practices from software development.
- E. Infrastructure as Code must use the same programming language as the application.

Answer: AD

NEW QUESTION 9

A user wants to deploy a new service to a Kubernetes cluster. Which two commands accomplish this goal? (Choose two.)

- A. Apply
- B. Install
- C. Deploy
- D. Create
- E. Expose

Answer: AE

NEW QUESTION 10

A developer wants to deploy a highly available web server cluster and decides to put a load balancer in front of multiple clustered nodes that run the same web service. The goal is for the load balancer to take in users and distribute the load across the whole cluster. What kind of high-availability configuration is the developer running?

- A. active
- B. passive
- C. active-passive

D. active-active

Answer: C

NEW QUESTION 11

Which interface is most commonly used to integrate logging, monitoring, and alerting applications into your CI/CD pipeline?

- A. AMQP
- B. SNMP
- C. SSH
- D. REST

Answer: C

NEW QUESTION 12

AppDynamics is being used to monitor your distributed Python application. Each individual container of the application is instrumented with an AppD agent. Which two configuration variables uniquely determine the module being monitored? (Choose two.)

- A. node
- B. app
- C. agent
- D. tier
- E. event

Answer: AB

NEW QUESTION 13

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

NEW QUESTION 14

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

NEW QUESTION 15

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

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

Answer: AC

NEW QUESTION 16

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