

➤ **Vendor: Cisco**

➤ **Exam Code: 300-910**

➤ **Exam Name: Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)**

➤ **New Updated Questions from [Braindump2go](#) (Updated in [Dec./2020](#))**

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QUESTION 51

Which two statements about the various types of DevOps tools are true? (Choose two.)

- A. Puppet requires the installation of a master (server) and agents (clients) architecture for configuring systems.
- B. Salt cannot communicate with clients through general SSH, it use minions client agents only.
- C. Puppet and chef are written in Python. Python skills are a must to operate these two.
- D. Ansible does not require agent node installation and uses SSH for performing all tasks.
- E. Chef and Puppet are much more attuned to the needs of system administrators.

Answer: AD

QUESTION 52

Your IT company has been tasked to automate their view of the environment. The CTO has instructed you to use Ansible to focus on value-added tasks.

Which four integrations do you use to achieve this outcome? (Choose four.)

- A. networks
- B. infrastructure
- C. Kubernetes
- D. management applications
- E. virtualization
- F. containers
- G. DevOps tools

Answer: ABFG

QUESTION 53

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

QUESTION 54

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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

QUESTION 55

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

QUESTION 56

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

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

Answer: AC

QUESTION 57

Drag and Drop Question

The IaC configuration for an application is being deployed using a CI/CD pipeline. Drag and drop the steps for this pipeline from the left into the correct order that they would be executed on the right. Not all options are used.

Answer Area

Integration test of the most recent configurations is performed.	step 1
The CI tool is notified of an update.	step 2
The code repository is updated by a user.	step 3
The pipeline notifies the repository to run tests.	step 4
The configuration changes are pushed to devices.	

Answer:

Answer Area

Integration test of the most recent configurations is performed.	The code repository is updated by a user.
	The CI tool is notified of an update.
	The pipeline notifies the repository to run tests.
	The configuration changes are pushed to devices.

QUESTION 58

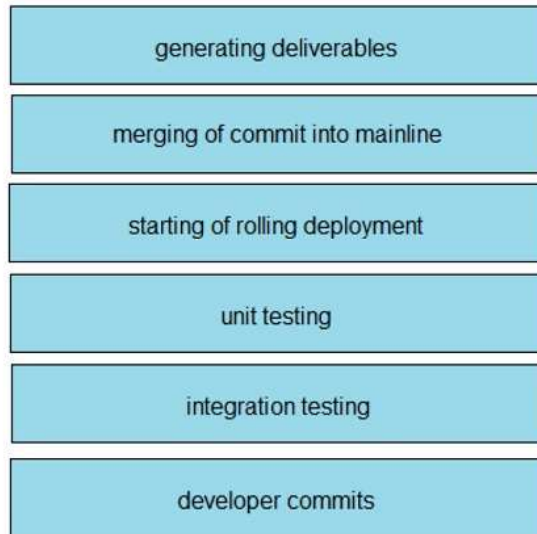
Drag and Drop Question

Drag and drop the operations from the left into the correct order on the right when using CI/CD, assuming that there are no failures or conflicts.

Answer Area

generating deliverables	step 1
starting of rolling deployment	step 2
developer commits	step 3
integration testing	step 4
unit testing	step 5
merging of commit into mainline	step 6

Answer:

Answer Area**QUESTION 59**

Which options lists cloud deployment modes?

- A. Private, public, hybrid, community
- B. Private, public, hybrid, shared
- C. IaaS, PaaS, SaaS
- D. Private, public, hybrid

Answer: A

QUESTION 60

Your company places a high value on being responsive and meeting customer needs quickly. Their primary business objectives are release speed and agility. You want to reduce the chance of security errors being accidentally introduced.

Which two actions can you take? Choose 2 answers

- A. Ensure every code check-in is peer reviewed by a security SME.
- B. Use source code security analyzers as part of the CI/CD pipeline.
- C. Ensure you have stubs to unit test all interfaces between components.
- D. Enable code signing and a trusted binary repository integrated with your CI/CD pipeline.
- E. Run a vulnerability security scanner as part of your continuous-integration /continuous-delivery (CI/CD) pipeline.

Answer: BE