

➤ **Vendor: Cisco**➤ **Exam Code: 300-910**➤ **Exam Name: Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)**➤ **New Updated Questions from [Braindump2go](#) (Updated in [August/2020](#))****[Visit Braindump2go and Download Full Version 300-910 Exam Dumps](#)****QUESTION 1**

Which Docker command is used to start an interactive Bash shell in a running container named "test"?

- A. docker attach -it test /bin/bash
- B. docker run -it test /bin/bash
- C. docker exec -it test /bin/bash
- D. docker run test /bin/bash

Answer: C**QUESTION 2**

Refer to the exhibit. What is the reason for this error message?

```
Traceback (most recent call last):
  File "api-call.py", line 1, in <module>
    import requests
  File "/Users/devnet/venv/devops/lib/python3.7/site-packages/requests/_init_.py", line 43, in <module>
    import urllib3
ModuleNotFoundError: No Module named 'urllib3'
```

- A. The required dependencies for the urllib3 module are not installed.
- B. The requests module is not installed.
- C. The required dependencies for the requests module are not installed.
- D. The site-packages directory has been corrupted.

Answer: B**QUESTION 3**

Drag and Drop Question

An application is being built to collect and display telemetry streaming data. Drag and drop the elements of this stack from the left onto the correct functions on the right.

Answer Area

IOS-XE Device	visualization platform
Elasticsearch	data collector
Kibana	data generator
Python Application	datastore

Answer:

Answer Area

Kibana
Python Application
IOS-XE Device
Elasticsearch

QUESTION 4

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

Answer: BC

QUESTION 5

A company has experienced serious growth and the hosted applications are getting more and more hits. Based on the increased work load, applications have started to show signs of reduced performance, which is affecting the user experience.

Which two server metrics should be tracked to ensure that the customer experience remains within acceptable limits? (Choose two.)

- A. application feature sprawl
- B. CPU peak usage
- C. CPU average usage
- D. microservices count
- E. CPU frequency

Answer: BC

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QUESTION 6

Microservices architecture pattern has been applied and the system has been architected as a set of services. Each service is deployed as a set of instances for throughput and availability. In which two ways are these services packaged and deployed? (Choose two.)

- A. Service instances must be isolated from one another.
- B. Service must be independently deployable and scalable.
- C. Service are written using the same languages, frameworks, and framework versions.
- D. Service must be dependent, deployable, and scalable.
- E. Service instances do not need to be isolated from one another.

Answer: AB

QUESTION 7

What is the purpose of using a build tool in software development?

- A. It compiles source code into binaries and executables.
- B. It provides a way to edit source code using a graphical interface.
- C. It is a manual process that is followed to build software.
- D. It tracks bugs and incidents in a built application.

Answer: A

QUESTION 8

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

QUESTION 9

A developer has created a deployment that should launch a pod to run their database service. The pod should launch with a metadata name of "Cisco-DB," and the developer has added it to the "Cisco" namespace in their deployment. Which Kubernetes command confirms that the service is running and usable?

- A. `kubectl -n Cisco get services | grep "Cisco-DB"`
- B. `kubectl -n Cisco get pods | grep "Cisco-DB"`
- C. `kubectl get pods | grep "Cisco-DB"`
- D. `kubectl -n Cisco get service | grep "Cisco-DB"`

Answer: C

QUESTION 10

Which step must be taken to enable centralized logging in a Kubernetes environment?

- A. No steps need to be taken. The master node automatically aggregates logs from all worker nodes and stores them on the specified persistent volume.
- B. Create a CustomResourceDefinition in each deployment that specifies the IP or names the log collector.
- C. Deploy a sidecar node that aggregates logs from the entire cluster.
- D. Create a DaemonSet that deploys a container with a logging agent on every node in the cluster.

Answer: C

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