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Exam Questions 300-910

Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)

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The image shows a 3D-style product box for a PDF document. The box is primarily yellow and orange. At the top, there is a circular badge with a scalloped edge that says 'MONEY BACK 100% GUARANTEED'. Below this, the text 'Questions & Answers PDF' is prominently displayed. A list of five features is shown with blue arrows pointing to the right. On the left side of the box, there is a small white icon of a document with a red 'A' shape, labeled 'PDF'. At the bottom of the box, there is a grey banner with a graduation cap icon and the text 'CERTIFICATIONSTIME'.



NEW QUESTION 1

A CI/CD pipeline that builds infrastructure components using Terraform must be designed. A step in the pipeline is needed that checks for errors in any of the .tf files in the working directory. It also checks the existing state of the defined infrastructure.

Which command does the pipeline run to accomplish this goal?

- A. terraform plan
- B. terraform check
- C. terraform fmt
- D. terraform validate

Answer: D

NEW 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

Answer: B

NEW QUESTION 3

A new version of an application is being released by creating a separate instance of the application that is running the new code. Only a small portion of the user base will be directed to the new instance until that version has been proven stable. Which deployment strategy is this example of?

- A. recreate
- B. blue/green
- C. rolling
- D. canary

Answer: D



NEW QUESTION 4

Which description of a canary deployment is true?

- A. deployment by accident
- B. deployment that is rolled back automatically after a configurable amount of minutes
- C. deployment relating to data mining development
- D. deployment to a limited set of servers or users

Answer: D

NEW QUESTION 5

```
1 ...
2 >>> response = requests.get(
3 ...     f'http://mydnacenter.local/dna/intent/api/v1/network-device/ip-address/{device_ip}',
4 ...     headers = {
5 ...         'Content-type' = 'application/json'
6 ...     }
7 ... )
8
9 Traceback (most recent call last):
10 File "<stdin>", line 1, in <module>
11 NameError: name 'requests' is not defined
```

Refer to the exhibit. What is causing the requests code to fail?

- A. Python3 is not compatible with requests.
- B. The requests library is not imported.
- C. The requests library is not installed.
- D. The requests coming into stdin fail because device_ip cannot be parsed.

Answer: B

NEW QUESTION 6

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 7

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

NEW QUESTION 8

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

NEW QUESTION 9

ConfigMap keys have been mapped to different file names using the `volumes.configMap.items` field. What is the result if a wrong ConfigMap key is specified?

- A. The default path is not used.
- B. The volume is not created.



- C. The volume is created.
- D. The volume is created with errors.

Answer: A

NEW QUESTION 10

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

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