Cisco

Exam Questions 300-910

Implementing DevOps Solutions and Practices using Cisco Platforms (DEVOPS)

NEW QUESTION 1
Which two practices help make the security of an application a more integral part of the software development lifecycle? (Choose two.)

A. Add a step to the CI/CD pipeline that runs a dynamic code analysis tool during the pipeline execution.
B. Add a step to the CI/CD pipeline that runs a static code analysis tool during the pipeline execution.
C. Use only software modules that are written by the internal team.
D. Add a step to the CI/CD pipeline to modify the release plan so that updated versions of the software are made available more often.
E. Ensure that the code repository server has enabled drive encryption and stores the keys on a Trusted Platform Module or Hardware Security Module.

Answer: AE

NEW QUESTION 2
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 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

```
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. Rython3 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 5
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 6

```
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'
```

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

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

NEW QUESTION 7

```
---
kind: pipeline
name: test1
platform:
    os: linux
    arch: amd64
steps:
- name: test
  image: postgres:9-alpine
  commands:
  - sleep 10
  - psql -U postgres -d test -h database -c "SELECT version();"
services:
- name: database
  image: postgres
  environment:
        POSTGRES_DB: test
        POSTGRES_USER: postgres
---
kind: pipeline
name: test2
platform:
    os: linux
    arch: amd64
steps:
- name: test
  image: postgres:9-alpine
  commands:
  - sleep 10
  - psql -U postgres -d test -h database -c "SELECT version();"
services:
- name: database
  image: postgres
  environment:
        POSTGRES_DB: test
        POSTGRES_USER: postgres
```

Refer to the exhibit. What is the user doing with Drone in this automated test?

A. testing Alpine Linux versus Ubuntu Linux
B. testing a PostgreSQL DB against multiple architectures
C. testing only the amd64 architecture
D. testing PostgreSQL deployment in an Alpine Linux VM

Answer: D

NEW QUESTION 8

To make logging searches more efficient and useful in Kibana, an Administrator wants to implement index patterns around the hostname of some software systems. Where should this be configured?

A. Configure a new JSON object in Kibana.
B. Create a search index in Logstash.
C. Create an index pattern in Kibana.
D. Create a time filter on Kibana to look at time only.

Answer: C

NEW QUESTION 9

How long analysis systems such as Elasticsearch, Logstash, and Kibana Stack handle ingesting unstructured logs from different devices in various formats?

A. All devices that generate syslogs must use agents that process the local logs and transmit them in a specific format to the ELK Stack.
B. All logs are stored in their unstructured text format, and the ELK Stack performs data analysis by intelligently parsing the logs using machine learning algorithms.
C. All different message formats are parsed separately using custom filters, and the resulting structured data is stored for later analysis.
D. A single, comprehensive log format is defined on the ELK Stac
E. All incoming logs, regardless of format, are transformed to match the comprehensive format, and only applicable fields are populated.

Answer: D

NEW QUESTION 10

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

A. ramdomness

B. SHA1
C. triple AES
D. rotation
E. dictionary

Answer: AC

NEW QUESTION 10
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

300-910 Practice Exam Features:

* 300-910 Questions and Answers Updated Frequently

* 300-910 Practice Questions Verified by Expert Senior Certified Staff

* 300-910 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 300-910 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
Order The 300-910 Practice Test Here