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Question 1

Question Type: MultipleChoice

A team of developers is responsible for a network orchestration application in the company. The responsibilities also include:

developing and improving the application in a continuous manner

deployment of the application and management of CI/CD frameworks

monitoring the usage and problems and managing the performance improvements

Which principle best describes this DevOps practice?

Options:

A- responsible for IT operations

B- automation of processes

C- end-to-end responsibility

D- quality assurance checks

Answer:

C

Question 2

Question Type: MultipleChoice

Refer to the exhibit.

```
1 import requests
2 from requests.auth import HTTPBasicAuth
3 BASE_URL = 'https://<IP ADDRESS or FQDN>'
4 AUTH_URL = '/dna/system/api/v1/auth/token'
5 TOKEN = '<TOKEN>'
6
7 headers = {'X-Auth-Token': TOKEN, 'Content-Type': 'application/json'}
8
9 DEVICES_COUNT_URL = '/dna/intent/api/v1/network-device/count'
10 DEVICES_URL = '/dna/intent/api/v1/network-device'
11 DEVICES_BY_ID_URL = '/dna/intent/api/v1/network-device/'
12
13 def devices_func(headers):
14     response = requests.get(BASE_URL + DEVICES_COUNT_URL,
15                             headers = headers, verify=False)
16     return response.json()['response']
17
18 def devices_test(headers, query_string_params):
19     response = requests.get(BASE_URL + DEVICES_URL, headers = headers,
20                             params = query_string_params, verify=False)
21     return response.json()['response']
22
23 def devices_info(headers, device_id):
24     response = requests.get(BASE_URL + DEVICES_BY_ID_URL + device_id,
25                             headers = headers, verify=False)
26     return response.json()['response']
27
28 print(devices_func(headers))
29 print(devices_test(headers, {}))
30 print(devices_test(headers, {'hostname': 'CSR1Kv-01.devnet.local'}))
31 response = devices_test(headers, {'platformId': 'C9500-40X'})
32 print(devices_info(headers, response[0]['id']))
```

Refer to the exhibit. An engineer prepares a script to automate workflow by using Cisco DNA Center APIs to display:

total count of devices

list of the network devices

information of one device with a hostname filter

What is displayed in the final step after the Python script is executed?

Options:

- A- information about a device of type C9500-40x.
- B- filtered results by the hostname and the platformId C9500-40X
- C- information about the test devices
- D- list of devices with platformId C9500-40x

Answer:

B

Question 3

Question Type: MultipleChoice

Which Python function is used to parse a string that contains JSON data into a Python dictionary?

Options:

- A- json.dumps()
- B- json.to_json()
- C- json.parse()
- D- json.loads()

Answer:

D

Explanation:

loads()function is present in python built-in 'json' module. This function is used to parse the JSON string.

Question 4

Question Type: MultipleChoice

How does edge computing analyze sensitive data in the context of privacy control?

Options:

- A-** locally instead of sending the data to the cloud for analysis
- B-** locally or on the cloud depending on the configuration
- C-** all at once by sending the data to the cloud
- D-** locally on each node, and then sends the data to the cloud

Answer:

A

Question 5

Question Type: MultipleChoice

A customer's cloud services must:

Migrate services to another data center on demand.

Save the operational state of the machine on demand.

Support Windows and Linux GUIs.

Maximize hardware utilization.

Which type of deployment meets these requirements?

Options:

A- bare metal

B- container

C- virtual machine

D- Kubernetes

Answer:

C

Question 6

Question Type: MultipleChoice

A developer is working on a new feature in a branch named 'newfeat123456789' and the current working primary branch is named 'prim987654321'. The developer requires a merge commit during a fast forward merge for record-keeping purposes. Which Git command must be used?

Options:

- A- git merge --no-ff newfeat123456789
- B- git commit --no-ff newfeat123456789
- C- git add --commit-ff newfeat123456789
- D- git reset --commit-ff newfeat123456789

Answer:

A

Question 7

Question Type: MultipleChoice

A file in a local Git repository has been updated and issued the `git add .` command. The `git diff` command has been run to compare the changes to the previous commit, but nothing shows. Which action identifies the problem?

Options:

- A-** Run the `git add .` command again in the correct subdirectory to ensure changes added to the staging area.
- B-** Run the `git commit` command before the differences are compared to receive the end state of the code.
- C-** Run the `git status` command to see the differences between current and previous code review stages.
- D-** Run the `git diff --staged` command to compare the code added to the staging area.

Answer:

D

Question 8

Question Type: MultipleChoice

What is a firehose webhook?

Options:

- A-** It collects data from third-party cloud APIs for custom applications.
- B-** It enables an application to receive real-time data from Cisco Webex.
- C-** It enables data to flow from the Cisco Webex API to a user's application.
- D-** It sends a notification of any event for commonly used resources.

Answer:

D

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