



200-901^{Q&As}

Developing Applications and Automating Workflows using Cisco Platforms (DEVASC)

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**QUESTION 1**

When a Cisco IOS XE networking device is configured by using RESTCONF, what is the default data encoding method?

- A. application/json-data+xml
- B. application/xml-data+json
- C. application/yaml-data+json
- D. application/yang-data+json

Correct Answer: D

QUESTION 2

What is a firehose webhook?

- 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.

Correct Answer: D

QUESTION 3

A developer must add an idempotent task to an Ansible playbook that configures a Cisco IOS device. HTTP traffic must be permitted from 192.168.1.1 to 192.168.1.5 host machine. Which code snippet must be used?



- A. - ios_command:
 commands:
 - configure terminal
 - access-list 120 permit tcp host 192.168.1.1
 host 192.168.1.5 any any eq www
- B. -ios_config:
 lines: access-list 120 permit tcp host
 192.168.1.1 host 192.168.1.5 any any eq www
- C. -ios_config:
 lines: access-list 120 permit tcp host
 192.168.1.1 host 192.168.1.5 eq 80
- D. - ios_command:
 mode: configure terminal
 args: access-list 120 permit tcp host 192.168.1.1
 host 192.168.1.5 any any eq 80

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 4

Refer to the exhibit.



```
import requests
import os
from dotenv import load_dotenv
import json
load_dotenv()
def main(token):
    url = f"https://172.19.3.22/dna/intent/api/v1/network-device"
    headers = {
        "Content-Type": "application/json",
        "Accept": "application/json",
        "X-auth-Token": token
    }
    response = requests.get(url, headers=headers, verify=False).json()
    for device in response["response"]:
        print("{serial_number}
        retrieved".format(serial_number=device['serialNumber']))
def auth():
    url = "https://172.19.3.22/dna/system/api/v1/auth/token"
    headers = {
        'Authorization': 'Basic jzgVYFG35743HEJKG=='
    }
    r=requests.
    return r.json()['Token']
if __name__ == "__main__":
    token = auth()
    main(token)
```

A software engineer needs to collect data about devices that are registered in Cisco DNA Center using the API. Before collecting the data, the engineer must obtain a token and authenticate with the API. To automate the procedure, a Python script is used. Which code snippet must be placed onto the blank in the code?

- A. `get(uri,headers = headers,data={}, verify=True)`
- B. `post(uri,headers=headers,data={}, verify=False)`
- C. `get(uri,headers= headers,data={}, verify=False)`
- D. `post(uri,headers=headers,data={"Basic"}, verify=False)`

Correct Answer: A

QUESTION 5

A developer creates a REST API that runs on a load balancer for clients to query information about stocks. The data in the back-end database is updated every 15 minutes, but clients are polling the API every 2 minutes. The developer needs to reduce the load on the database without making changes to the client side. Which constraint must the engineer address?

- A. The load balancer is not configured to use memcached as the primary back end.



- B. Use of Cache-Control headers and max-age validation is not enforced.
- C. Request throttling on the load balancer database is not enabled.
- D. Dynamic IP deny listing, which allows requests every 15 minutes, is not configured.

Correct Answer: B

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