



200-901^{Q&As}

Developing Applications and Automating Workflows using Cisco Platforms (DEVASC)

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QUESTION 1

Which security platform rapidly analyzes files and suspicious behavior across an environment?

- A. Cisco Threat Grid
- B. Cisco Firepower
- C. Cisco ISE
- D. Cisco ASA

Correct Answer: A

QUESTION 2

A developer must test the performance and reliability of an application. After functional and load tests are run, the application crashes due to traffic spikes from users. Which type of API constraint must be implemented to maintain reliability?

- A. rate limiting
- B. pagination
- C. payload limits
- D. filtering

Correct Answer: A

<https://datadome.co/bot-management-protection/what-is-api-rate-limiting/>

QUESTION 3

A developer creates a program in which an object maintains a list of classes based on the observer pattern. The classes are dependent on the object. Whenever the state of the object changes, it notifies the dependent classes directly through callbacks. Which advantage of the observer pattern offers minimum dependencies and maximum flexibility between dependent objects or classes?

- A. tight coupling
- B. cohesion
- C. mediation
- D. loose coupling

Correct Answer: D



loose coupling offers minimum dependencies and maximum flexibility between dependent objects or classes in the observer pattern. Loose coupling refers to the degree to which one object or class knows about or depends on another object or class. In the observer pattern, the object being observed (the "subject") maintains a list of dependent classes (the "observers"), but the subject and the observers have a minimal amount of knowledge about each other. This allows the subject and the observers to be changed or replaced independently without affecting the other.

QUESTION 4

Refer to the exhibit.

```
import requests
url = "https://webexapis.com/v1/xapi/status?deviceId=
      { {_deviceId} }&name=Audio.Volume"
headers = {
    'Authorization': 'Bearer { {access_token} }'
}
response = requests.request("GET", url, headers=headers)
print(response.text.encode('utf8'))
```

A network engineer must automate a workflow to get device volume data from Endpoint xAPI-enabled devices. The engineer prepares a Python script to send the request by adding an access token and device ID. However, the request receives a status code of 401. Which action solves the problem?

- A. Access token must be changed with a valid one.
- B. Network connectivity between client and API must be fixed.
- C. Internal server problems that relate to code must be fixed.
- D. API endpoint must be restarted to serve again.

Correct Answer: A

QUESTION 5

Refer to the exhibit.



```
import os
import requests

# username and password

API_USER_NAME = "devnetuser"
API_PASSWORD = os.environ['API_PASSWORD']

requests.get('https://api.cisco.com/end-service', auth=(API_USER_NAME, API_PASSWORD))
```

An engineer must authorize a REST API call. The API password is "Cisco123!". Which Bash command must be placed in the code to authorize the call?

- A. mkdir API_PASSWORD=Cisco123!
- B. set API_PASSWORD=Cisco123!
- C. cp API_PASSWORD=Cisco123!
- D. export API_PASSWORD=Cisco123!

Correct Answer: D

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