Vendor: Cisco

Exam Code: 300-735

Exam Name: Automating and Programming Cisco Security Solutions (SAUTO)

Version: DEMO

QUESTION 1
Which two API capabilities are available on Cisco Identity Services Engine? (Choose two.)

A. Platform Configuration APIs
B. Monitoring REST APIs
C. Performance Management REST APIs
D. External RESTful Services APIs
E. Internal RESTful Services APIs

Answer: BD

QUESTION 2
Which API capability is available on Cisco Firepower devices?

A. Firepower Management Center - Sockets API
B. Firepower Management Center - eStreamer API
C. Firepower Management Center - Camera API
D. Firepower Management Center - Host Output API

Answer: B

QUESTION 3
What is a characteristic of RPC APIs?

A. They run more than a single command within a session
B. They are used mainly for CRUD operations.
C. They incorporate weaker encryption than REST API calls.
D. They excel at modeling a domain.

Answer: A
Explanation:
RPC (Remote Procedure Call) APIs are designed to execute functions or procedures on a remote system. A key characteristic is their ability to run more than a single command within a session, allowing multiple actions to be performed over a persistent connection.

QUESTION 4
What is a benefit of using Ansible to automate a security platform?

A. It automates daily tasks by pushing configurations to multiple hosts simultaneously.
B. It facilitates administrator login by storing the SSH login credentials for multiple devices.
C. It improves network security by restricting access to unwanted users.
D. It offers community edition versions that help minimize operational costs.

Answer: A
Explanation:
Ansible allows automation of routine security and network tasks by pushing configurations to multiple hosts simultaneously, ensuring consistency and reducing manual effort. This is especially useful in managing large-scale environments where centralized configuration is essential for efficiency and compliance.

QUESTION 5
An application needs a new feature and a new branch named featured Which single command performs this task quickly using only one action?

git_____

A. --new-branch feature1
B. --add-branch feature1
C. checkout -c feature1
D. checkout -b feature1

Answer: D
Explanation:
The command `git checkout -b feature1` creates a new branch named **`feature1`** and switches to it in a single step, making it the most efficient one-action command for this task.

QUESTION 6
What is a characteristic of using synchronous APIs in a program?

A. The program waits until the value is returned by the API call.
B. Multiple API queries from the same thread can be processed in parallel.
C. The response time for the program is predictable.
D. The API call is nonblocking.

Answer: A
Explanation:
With synchronous APIs, the program waits for the API call to complete and return a value before proceeding to the next instruction. This blocking behavior ensures the result is available immediately after the call, but can delay execution if the response is slow.

QUESTION 7
What is a benefit of using Python in virtual environments?

A. There is code version control for each application.
B. Execution time is much faster for each application.
C. Dependencies for each application are contained separately.
D. It imitates different operating systems to test applications.

Answer: C
Explanation:
Using Python virtual environments allows you to manage and isolate dependencies for each application separately, avoiding version conflicts between libraries and ensuring that changes in one environment do not affect others. This is especially useful in multi-project development or deployment scenarios.

QUESTION 8
Refer to the exhibit. Which expression is used in the code to give the result 12?

```
#!/usr/bin/env python
num1="1"
num2=2
num3=1

#answer goes here

print(new_string)
```

A. new_string=num3+num2
B. new_string=num1+num2
C. new_string=num2+num3
D. new_string=num1+str(num2)

Answer: D
Explanation:
Since num1 is a string ("1") and num2 is an integer (2), using the str() function converts num2 to a string, allowing the concatenation of the two string values. This results in the string "12" when the values of num1 and num2 are combined.

QUESTION 9
Which two Cisco ISE API components specify the stale sessions to be deleted? (Choose two.)

A. session ID
B. IPv4 address
C. IPv6 address
D. username
E. MAC address

Answer: AE
Explanation:
Session ID uniquely identifies a user session in Cisco ISE, allowing precise deletion of stale sessions.
MAC address is commonly used to identify and remove a device's session, especially in network access control contexts.

QUESTION 10
An engineer needs to export all access policies on a firewall. After the export, the policies with no hits need to be marked. Which cURL command using the Cisco Secure Firewall Device Manager API must be used?

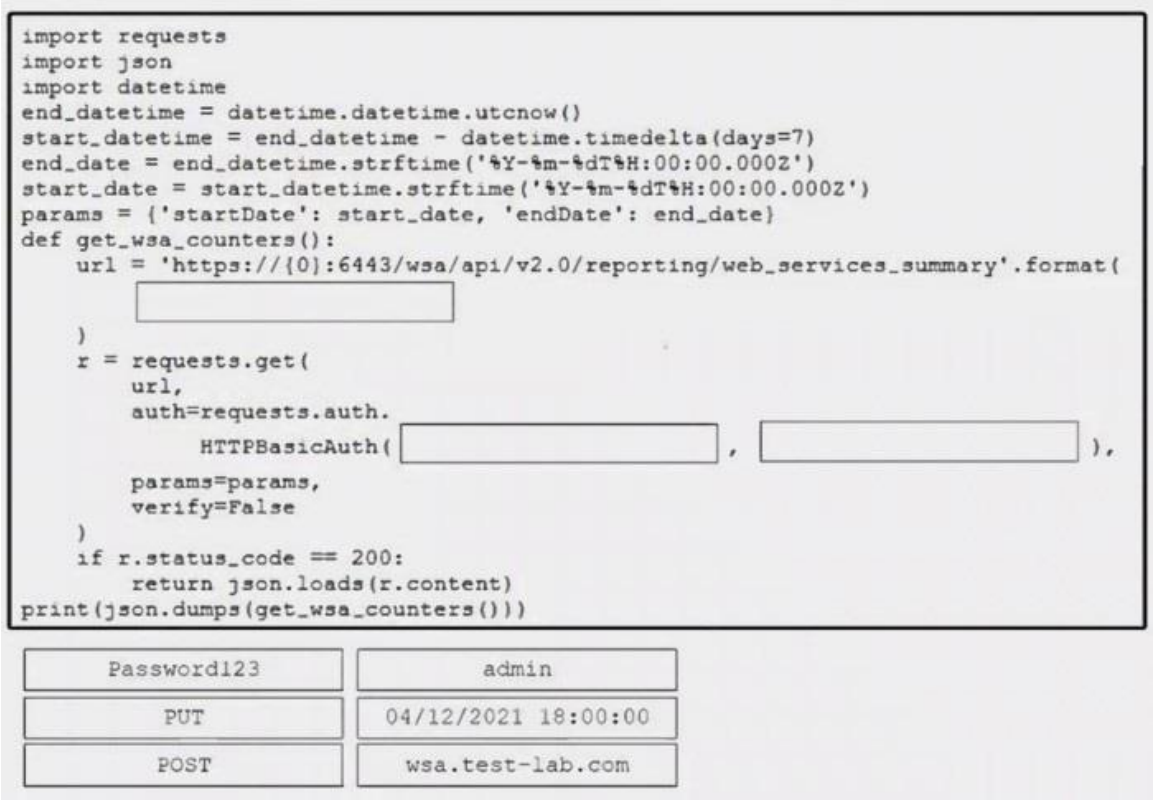
A. curl -X GET --header 'Accept: application/json' -H 'Authorization:Bearer API_TOKEN_STRING' 'https://{{base_url}}/api/fdm/v4/policy/accesspolicies'
B. curl -X GET --header 'Accept: application/json' -H 'Authentication:Bearer API_TOKEN_STRING' 'https://{{base_url}}/api/fdm/v2/policy/accesspolicies'
C. curl -X GET --header 'Accept: application/json' -H 'Authorization:Bearer API_TOKEN_STRING' 'https:// {{base_url}}/api/fdm/v4/policy/accesspolicy'

D. curl -X GET --header 'Accept: application/json' -H 'Authentication:Bearer API_TOKEN_STRING' 'https://{{base_url}}/api/fdm/policy/accesspolicies'

Answer: A
Explanation:
The correct cURL command uses:
GET method to retrieve access policies.
Authorization: Bearer header (not Authentication) for token-based access.
The correct endpoint is /api/fdm/v4/policy/accesspolicies for Cisco Secure Firewall Device Manager (FDM) API.

QUESTION 11
Drag and Drop Question

Drag and drop the code snippets from the bottom onto the blanks in the code to retrieve the desired Cisco Web Security Appliance report. Not all options are used.



Answer:

```
import requests
import json
import datetime
end_datetime = datetime.datetime.utcnow()
start_datetime = end_datetime - datetime.timedelta(days=7)
end_date = end_datetime.strftime('%Y-%m-%dT%H:00:00.000Z')
start_date = start_datetime.strftime('%Y-%m-%dT%H:00:00.000Z')
params = {'startDate': start_date, 'endDate': end_date}
def get_wsa_counters():
    url = 'https://{0}:6443/wsa/api/v2.0/reporting/web_services_summary'.format(
        wsa.test-lab.com
    )
    r = requests.get(
        url,
        auth=requests.auth.
            HTTPBasicAuth( admin , Password123 ),
        params=params,
        verify=False
    )
    if r.status_code == 200:
        return json.loads(r.content)
print(json.dumps(get_wsa_counters()))
```

PUT

POST

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Explanation:

```
url = 'https://{0}:6443/wsa/api/v2.0/reporting/web_services_summary'.format(
    'wsa.test-lab.com'
)
...
auth=requests.auth.HTTPBasicAuth(
    'admin', 'Password123'
)
```

`wsa.test-lab.com`: Fills the `{0}` placeholder in the `.format()` method to target the correct Cisco WSA host.
`admin`: Username for HTTP Basic Authentication.
`Password123`: Password corresponding to the `admin` user.

The script authenticates via HTTP Basic Auth to retrieve web service summary reports from the Cisco Web Security Appliance (WSA) API. It builds the URL using the WSA hostname, and uses credentials to access the reporting data securely over HTTPS.

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