300-435^{Q&As}

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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QUESTION 1

DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing to perform the login operation and security check on the vManage web server at the specified IP address. Not all code options are used.

Select and Place:

```
import requests

login_url = 'https://10.20.20.254:8443/j_security_check'

┌─────────────────────────────────────────────────────────────┐
│                                                             │
└─────────────────────────────────────────────────────────────┘

session = requests.session()

┌─────────────────────────────────────────────────────────────┐
│                                                             │
└─────────────────────────────────────────────────────────────┘

if b'<html>' in response.content:
    print('Login Failed')
else:
    print('Login Success')
```

```
response = session.post(url=login_url, data=login_credentials, verify=False)
```

```
login_credentials = ('j_username':'admin', 'j_password':'admin')
```

```
response = session.get(url=login_url, data=login_credentials, verify=False)
```

```
login_credentials = {'username':'admin', 'password':'admin'}
```

```
response = session.post(url=login, data=credentials, verify=False)
```

```
login_credentials = {'j_username':'admin', 'j_password':'admin'}
```

Correct Answer:

```
import requests

login_url = 'https://10.20.20.254:8443/j_security_check'

response = session.get(url=login_url, data=login_credentials, verify=False)

session = requests.session()

login_credentials = {'j_username':'admin', 'j_password':'admin'}

if b'<html>' in response.content:
    print('Login Failed')
else:
    print('Login Success')
```

```
response = session.post(url=login_url, data=login_credentials, verify=False)
```

```
login_credentials = ('j_username':'admin', 'j_password':'admin')
```

```
login_credentials = {'username':'admin', 'password':'admin'}
```

```
response = session.post(url=login, data=credentials, verify=False)
```

QUESTION 2

In which two use cases should a Python virtual environment be used? (Choose two.)

A. When developing multiple Python projects in the same environment that have the same Python package version requirements.

B. When developing multiple Python projects in the same environment that have conflicting Python package versions.

C. When developing the same Python application across multiple systems using the same application requirements.

D. When creating a new project with several development environments in a multi-project development system across the infrastructure.

E. When creating a new project that has a clean development environment in a multi-project development system.

Correct Answer: BD

QUESTION 3

Which curl command is used to update the SNMP community of network ID "1234567" to read-only?

A.
```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
  -H 'Content-Type: application/json' \
  -X PUT --data-binary '{ \
    "access":"users", \
        "communityString":"readonly"}' \
        'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```

B.
```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
  -H 'Content-Type: application/json' \
  -X PUT --data-binary '{ \
    "access":"community", \
        "communityString":"readonly"}' \
        'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```

C.
```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
  -H 'Content-Type: application/json' \
  -X PUT --data-binary '{ \
    "access":"users", \
        "usersname":"snmp", \
        "passphase":"readonly"}' \
        'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```

D.
```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
  -H 'Content-Type: application/json' \
  -X POST --data-binary '{ \
    "access":"community", \
        "communityString":"readonly"}' \
        'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

PUT is used to update the snmp network ID. The access has to be community and not users. Therefore, option B is correct.

QUESTION 4

DRAG DROP

```
GET: https://dnacsrv/api/v1/network-device                    5 / 7
{
    "response": [
        {
            "type": "Cisco Catalyst 9300 switch",
            "errorCode": null,
            "family": "Switches and Hubs",
            "location": DC1,
            "role": "ACCESS",
            "macAddress: "a1:2b:30:40:41:50",
            "hostname": "cat_9k_1",
            "serialNumber": "FCW2136L0AK",
            "softwareVersion": "16.6.1",
            "locationName": null,
            "upTime": "13 days, 18:30:33.81",
            "softwareType": "IOS-XE",
            "collectionStatus": "Managed",
            "managementIpAddress": "10.10.22.66",
            "platformId": "C9300-24UX",
            "reachabilityStatus": "Reachable",
            "series": "Cisco Catalyst 9300 Series Switches",
            "snmpContact": "",
            "snmpLocation": "",
```

Refer to the exhibit. A GET request is issued to the Cisco DNA Center REST API. Drag and drop the GET request URL subpaths from the left onto the objectives on the right. Not all options are used.

Select and Place:

Answer Area

`/api/v1/network-device?softwareType=IOS-XE&softwareVersion=16.4.2`	List devices that are configured by using SNMP to be in the DC2 location
`/api/v1/network-device?location=DC2`	List device types
`/api/v1/network-device?(softwareType=IOS-XE) AND (softwareVersion=16.4.2)`	List the device that has an IP address of 10.222.10.35
`/api/v1/network-device?family=Switches and Hubs`	Display Cisco IOS XE devices that have IOS version 16.4.2
`/api/v1/network-device?ipAddress=10.222.10.35`	
`/api/v1/network-device?snmpLocation=DC2`	
`/api/v1/network-device?managementIp Address=10.222.10.35`	
`/api/v1/network-device?family=cat_9k_1`	

Correct Answer:

Answer Area

`/api/v1/network-device?softwareType=IOS-XE&softwareVersion=16.4.2`	`/api/v1/network-device?location=DC2`
	`/api/v1/network-device?managementIpAddress=10.222.10.35`
	`/api/v1/network-device?ipAddress=10.222.10.35`
`/api/v1/network-device?family=Switches and Hubs`	`/api/v1/network-device?(softwareType=IOS-XE) AND (softwareVersion=16.4.2)`
`/api/v1/network-device?snmpLocation=DC2`	
`/api/v1/network-device?family=cat_9k_1`	

Reference: https://meraki.cisco.com/lib/pdf/meraki_whitepaper_captive_portal.pdf

QUESTION 5

During a network outage, a network administrator used the Cisco SD-WAN vManage Troubleshooting Dashboard APIs to troubleshoot the cause of the issue. Which detail is captured during troubleshooting with these APIs?

A. VPN health

B. public cloud resources

C. connections summary

D. OMP connection health

Correct Answer: C

Reference: https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/vManage_REST_APIs/Troubleshooting_APIs/Dashboard

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