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QUESTION 1

DRAG DROP

Drag and Drop the Frame Relay LMI extensions from the left onto the correct descriptions on the right.

Select and Place:

Left Options	Descriptions
address registration	It allows neighbouring cisco devices to exchange the management ip addresses
global addressing	It enables the Frame Relay network to identify interfaces in same manner as a LAN
multicasting	It Prevents data from being transmitted in Black Holes
simple flow control	It provides most efficient transmission of routing protocol messages and support address resolution
virtual circuit	It supports devices that are unable to use congestion notification

Correct Answer:

	address registration
	global addressing
	virtual circuit
	multicasting
	simple flow control

QUESTION 2

```
headers = {'Content-Type': 'application/yang-data+json',
           'Acccept': 'application/yang-data+json'}

response =
requests.get("https://10.10.20.48:443/restconf/data/ietf-interfaces:interfaces",
             auth=("cisco", "cisco_1234!"),
             headers=headers,
             verify=False
             )

i=0
for interface in interfaces:
       if "Loopback" in interface ["name"]:
              print(interfaces[i]["ietf-ip:ipv4"]["address"][0]["ip"])
       i=i+1
```

Refer to the exhibit. A Python script is used to configure a Cisco IOS XE device. The script must be updated to print the IP addresses of all the loopback interfaces. Which statement should be added before the loop?

A. interfaces = response.json()["ietf-interfaces:interfaces"]

B. interface = response.json()["ietf-interfaces:interfaces"]

C. interface = response.json()["ietf-interfaces:interfaces"]["interface"]

D. interfaces = response.json()["ietf-interfaces:interfaces"]["interface"]

Correct Answer: D

Reference: https://blog.wimwauters.com/networkprogrammability/2020-04-04_restconf_python/

QUESTION 3
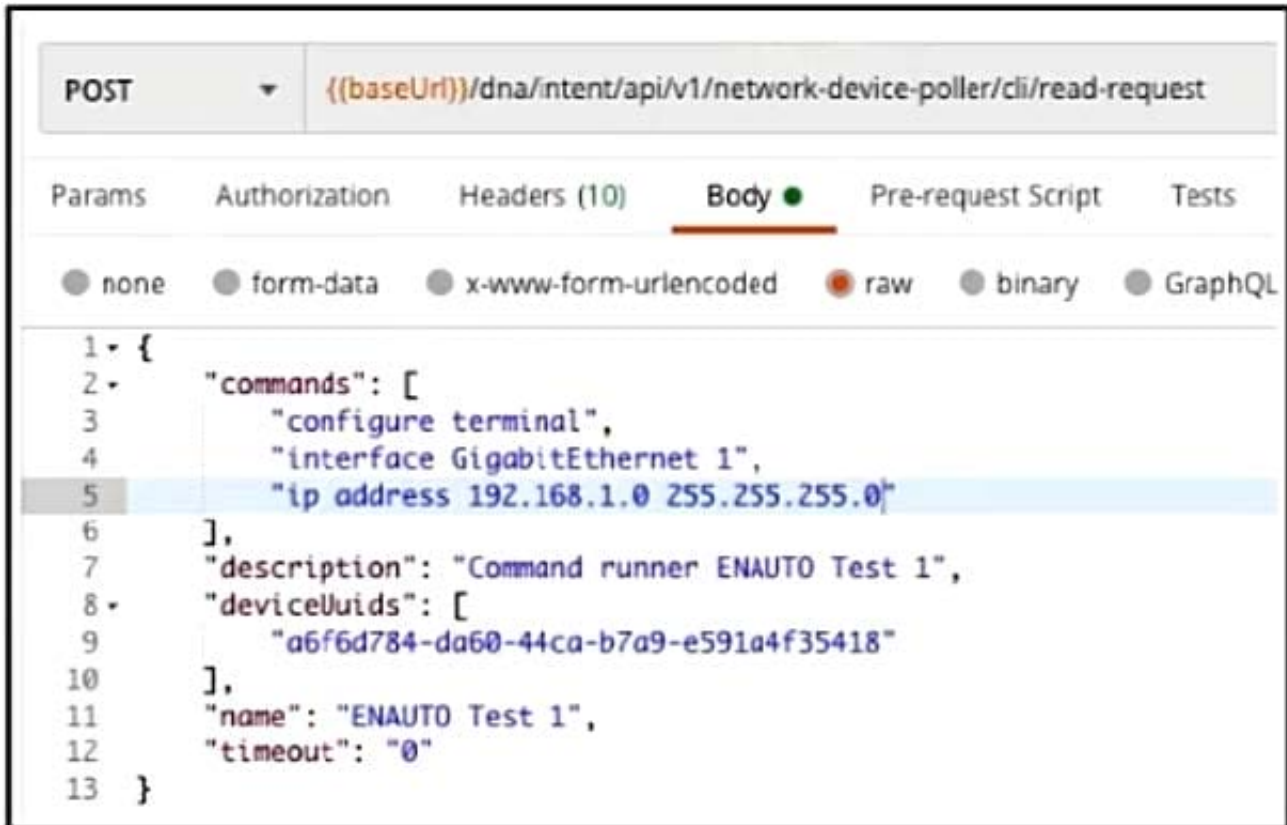
Refer to the exhibit. After executing the call, an engineer obtains the result of the Command Runner execution. The three commands show as blocklisted in the downloaded file. What is the cause of the error?

A. The API user in Cisco DNA does not have write privileges on the devices.

B. The engineer attempting to access the devices in Cisco DNA Center does not have privilege 15.

C. The format of the JSON body must follow the CLI format.

D. Command Runner supports only the show command and the read-only command.

Correct Answer: D

QUESTION 4

DRAG DROP

```
GET: https://dnacsrv/api/v1/network-device
{
    "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

When accessing the /device-detail endpoint in Cisco DNA Center, what is an acceptable SearchBy parameter value?

A. platform type

B. IP address

C. software version

D. MAC address

Correct Answer: D

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