

➤ **Vendor:** Cisco➤ **Exam Code:** 300-435➤ **Exam Name:** Automating and Programming Cisco Enterprise Solutions (ENAUTO)➤ **New Updated Questions from** [Braindump2go](#) **(Updated in** [December/2021](#)**)****[Visit Braindump2go and Download Full Version 300-435 Exam Dumps](#)****QUESTION 120**

Refer to the exhibit. An engineer needs to remove the device with serialQ134\_06776318 FROM THE NETWORK `ENAUTO` by utilizing Meraki APIs. Which line of code must be added to the box where the code is missing to complete the python request?

```
import requests

url = "https://api.meraki.com/api/v1/networks/ENAUTO/devices/remove"

payload = '{ "serial": "Q134-....." }'

headers = {
    "Content-Type": "application/json",
    "Accept": "application/json",
    "": "",
    "X-Cisco-Meraki-API-Key": "6bec40cf957de430a6f1f2012345678a4fac9ea0"
}

print(response.text.encode('utf8'))
```

☐ response = requests.request('POST', url, headers=headers, data = payload)

☒ response = requests.request('DELETE', url, headers=headers, data = payload)

☐ response = requests.request('POST', url, data = payload)

☐ response = requests.request('DELETE', url, headers=headers)

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer:** A**QUESTION 121**

Refer to the exhibit. End users cannot connect to the circular network, and the signal strength is poor. A missing or unknown APN status message is present and the modern status remains in low-power mode. Which addresses the issue?

POST	/device/tools/ping/{deviceIP}
POST	/device/tools/ping/{deviceIP}
POST	/device/tools/porthopcolor/{deviceIP}
POST	/device/tools/reset/interface/{deviceIP}
POST	/device/tools/resetuser/{deviceIP}
POST	/device/tools/servicepath/{deviceIP}
POST	/device/tools/traceroute/{deviceIP}
POST	/device/tools/tunnelpath/{deviceIP}
GET	/device/cellular/connection
GET	/device/cellular/hardware
GET	/device/cellular/modem
GET	/device/cellular/network
GET	/device/cellular/profiles
GET	/device/cellular/radio
GET	/device/cellular/sessions
GET	/device/cellular/status
POST	/system/device/claimDevices
GET	/system/device/controllers/vodge/status
PUT	/system/device/decommission/{uuid}
POST	/system/device/fileupload
POST	/system/device/lifecycle/management/{uuid}
GET	/device/app-route/sla-class

- A. Use the device/celluiar/status vManage resource URI to ensure sufficient radio signal strength.
- B. Use the system/device/controllers vManage resource URI to set the platform temperature.
- C. Use the device/app-route/statistics vManage resource URI to allow packets reachability to hosts.

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D. Use the device/tools'ping vManage resource URI to allow network device reachability.

**Answer: D**

#### QUESTION 122

In the Cisco DNA Center Operational Tool API, which section of the intent API allows the retrieval of keywords that are accepted by the CLI and enables the execution of read-only commands on network devices to retrieve their real-configuration?

- A. Device Inventory
- B. Command Runner
- C. Network Assurance
- D. Device Discovery

**Answer: D**

#### QUESTION 123

On which device is the Cisco SD-WAN manage certificate management API able to install certificates?

- A. CSR 1000v
- B. vFog router
- C. load balancer
- D. vSmart

**Answer: C**

#### QUESTION 124

When working with MV Sense APLS , upon which type of protocol is MQTT based?

- A. publish-subscribe messaging
- B. simple mail transport
- C. heavyweight messaging
- D. computer vision

**Answer: A**

#### QUESTION 125

Refer to the exhibit. A Python script is used to configure a Cisco IOS XE router. The Loopback2 interface currently has a description of Management and an IP address/netmask of 10.222.34.22/32.

What is the result of executing the script?

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

data = OrderedDict([('ietf-interfaces:interface',
                    OrderedDict([
                        ('name', 'Loopback2'),
                        ('type', 'iana-if-type:softwareLoopback'),
                        ('ietf-ip:ipv4',
                         OrderedDict([
                             ('address', [OrderedDict([
                                 ('ip', '10.222.234.8'),
                                 ('netmask', '255.255.255.0')
                             ])]
                         )
                    ])]))

response = requests.put("https://10.10.20.48:443/restconf/data/ietf-interfaces:interfaces/interface=Loopback2",
                        auth=('cisco', 'cisco 1234!'),
                        headers=headers,
                        verify=False,
                        json=data)
```

- A. The interface description remains the same.
- B. The router rejects all commands, and the configuration remains the same.
- C. The interface is removed from the configuration.
- D. The interface description is removed from the configuration.

**Answer: A**

#### QUESTION 126

Refer to the exhibit. The lab group consists of four Cisco IOS XE routers named pod-11,pod-12, and pod-22. What is the result of running the Ansible playbook to reset the lab?

```

---
- name: reset lab
  hosts: lab
  gather_facts: no

  tasks:
  - name: task1
    ios_facts:
      gather_subset: all

  - name: task2
    ios_l3_interface:
      name: Loopback1
      state: absent
      when: '"pod-1" in ansible_net_hostname'

  - name: task3
    ios_l3_interface:
      name: Loopback2
      state: absent
      when: '"pod-2" in ansible_net_hostname'

```

- A. The IPv4 and IPv6 addresses for the Loopback1 interface are removed from pod-11 and pod-12.
- B. The IPv4 and IPv6 addresses for the Loopback2 interface are removed from all routers.
- C. The Loopback1 interface is removed from the pod-11 and pod-12 routers.
- D. The changes will occur on pod-21 and pod-22 If the loopback2 Interface is absent.

**Answer: C**

#### QUESTION 127

Refer to the exhibit. An API request must display an alert message if change in OSPF neighbors is detected. Which code snippet must be added to complete the requests?

**Monitoring - Alarms Details**
GET
/alarms/stats
Get alarm statistics

**Implementation Notes**  
 Get alarm statistics.  
**Response Messages**

HTTP Status Code	Reason	Response Model
200	Success	
400	Bad request	
403	Forbidden	
500	Internal Server Error	

**Request URL**  
 https://sandbox-sdwan-1.cisco.com:443/dataservice/alarms/stats

**Response Body**

```

{
  "Correlation Engine": {
    "Added Events": 10
  },
  "Link Update Correlator": {
    "Total Events": 0,
    "Added Events": 0,
    "Purged Alarms": 0,
    "Threads": {
      "bfd-state-change": {
        "Current State": "Starting thread",
        "Current Events Counter": 0,
        "Ticks": 0,
        "Total Events Counter": 0,
        "Total DB Counter": 0,

```

```

import requests, urllib3
import json

urllib3.disable_warnings()

url = "https://sandbox-sdwan-1.cisco.com"
headers = {"Content-Type": "application/x-www-form-urlencoded"}
credentials = {"j_username": "devnetuser", "j_password": "RG!_Yw919_83"}
cookie_response = requests.post(url + "/j_security_check", headers=headers,
data=credentials, verify=False)

```



```
alarm stats = requests.post(url +
    "/dataservice/alarms/stats",
    cookies=cookie response.cookies,
    verify=False)
if alarm stats.status code == 200:
    if json.loads(alarm stats.text)
    ['Correlation Engine']
    ['ospf-neighbor-state-change']
    ['Current State'] != 0:
        print('OSPF neighbor change detected!')
```

```
alarm stats = requests.post(url +
    "/dataservice/alarms/stats",
    cookies=cookie response.cookies,
    verify=False)
if alarm stats.status code == 200:
    if json.loads(alarm stats.text)['Correlation
    Engine']['ospf-neighbor-state-change']
    ['Total Events Counter'] != 0:
        print('OSPF neighbor change detected!')
```

```
alarm stats = requests.post(url +
    "/dataservice/alarms/stats",
    cookies=cookie response.cookies,
    verify=False)
if alarm stats.status code == 200:
    if json.loads(alarm stats.text)
    ['Correlation Engine']
    ['ospf-neighbor-state-change']
    ['Current State'] != 0:
        print('OSPF neighbor change detected!')
```

```
alarm stats = requests.post(url +
    "/dataservice/alarms/stats",
    cookies=cookie response.cookies,
    verify=False)
if alarm stats.status code == 200:
    if json.loads(alarm stats.text)['Correlation
    Engine']['ospf-neighbor-state-change']
    ['Total Events Counter'] != 0:
        print('OSPF neighbor change detected!')
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

#### QUESTION 128

Refer to the exhibit. If the data included in the code was saved to a python variable named "example". Which line of code converts if for praising?

```
<rpc-reply message-id="urn:uuid:5047f6f1-f911-403c-839d-2bbd5cf0bbeb" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <data>
    <interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
      <interface>
        <name>GigabitEthernet1</name>
        <description>MANAGEMENT INTERFACE - DON'T TOUCH ME</description>
        <type xmlns:ianaif="urn:ietf:params:xml:ns:yang:iana-if-type">ianaif:ethernetCsacd</type>
        <enabled>true</enabled>
        <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
          <address>
            <ip>10.10.20.40</ip>
            <netmask>255.255.255.0</netmask>
          </address>
        </ipv4>
        <ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"/>
      </interface>
    </interfaces>
  </data>
</rpc-reply>
```

- ☒ py\_dict = xmitodict.parse(example)
- ☐ py\_dict = csv.read(example)
- ☐ py\_dict = json.loads(example)
- ☐ py\_dict = yaml.load(example)

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

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**QUESTION 129**

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.

**Answer:** BD

**QUESTION 130**

What is a benefit software-defined networks when compared to traditional network?

- A. They improve information capture from the network by enabling model-driven telemetry, whereas traditional networks use SNMP for capturing logs from devices.
- B. They facilitate network management by replacing network services that run on dedicated hardware, whereas traditional networks use networking platforms to run and enforce policies.
- C. They simplify operations by providing policy enforcement across physical and virtual environments, whereas traditional network configuration occurs on the physical infrastructure.
- D. They reduce costs by enabling network functions to run on commodity servers, whereas traditional network functions run on physical servers.

**Answer:** B