300-435 Q&As

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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QUESTION 1

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Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-cf96-143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

https://vmanage-ip-address:8443/dataservice/device/action/reboot [ ] 260faff9-2d31-4312-cf96-143b46db0211

A. "deviceid":

Correct Answer: A

Reference: https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/vManage_REST_APIs/Software_Maintenance_APIs/Reboot_Device

QUESTION 2

When the Cisco DNA Center Intent API is used as part of an automation process, what prompts receiving a HTTP 206 status code on a call?

A. The client authentication credentials that are included with the request are missing or invalid

B. The client made a request for partial content matching a range header

C. The client request was successful, but there is no content associated with the request

D. The client made a request that has been received but not yet acted upon

Correct Answer: B

QUESTION 3

```
{
  "alertData": {
    "countNode": 1,
      "bssids": [
       "aa:bb:cc:dd:ee:ff",
       "11:22:33:44:55:66"
      ],
      "minFirstSeen": 1548512334,
      "maxLastSeen": 1548512802,
      "countIsContained": 0,
      "reason": "Seen on LAN",
      "wiredMac": "aa:bb:cc:dd:ee:f0"
  },
  "alertId": "629378047939282802",
  "alertType": "Air Marshal -Roque AP detected",
  "occuredAt": "2019-01-26T14:18:54.000000Z",
  "organizationId": "123456",
  "organizationName": "Organization",
  "organizationUrl": "https://n1.meraki.com/o/.../manage/organization/overview",
  "networkId": "L_12345678901234567",
  "networkName": "Network",
  "networkUrl": "https://n1.meraki.com/.../manage/nodes/list",
  "version": "0.1"
  "SharedSecret": "supersecret",
  "sentAt: "2019-01-26T14:35:20.442869Z",
}
```

Refer to the exhibit. The goal is to write a Python script to automatically send a message to an external messaging application when a rogue AP is detected on the network. The message should include the broadcast SSID that is in the alert.

A function called "send_to_application" is created, and this is the declaration:

send_to_application(message)

The exhibit also shows the data that is received by the application and stored in the variable return_val. Which Python code completes the task?

A.
```
bssids =return_val["bssids"]
for number in range(return_val["alertData"]["countNode"]):
  send_to_application ("ALERT: detected a bssid on the
  network: "+ return_val["alertData"][bssids][number])
```

B.
```
bssids =return_val["bssids"]
for value in bssids:
  send_to_application ("ALERT: detected a bssid on the
  network: "+value)
```

C.
```
count = retutn_val["alertData"]["countNode"]
bssids =return_val["alertData"][count]["bssids"]
for value in bssids:
  send_to_application ("ALERT: detected a bssid on the
  network: "+value)
```

D.
```
bssids =return_val["alertData"]["bssids"]
for value in bssids:
  send_to_application ("ALERT: detected a bssid on the
  network: "+value)
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

For number in range value is required for the application to send the alert. Bssids are also included.

QUESTION 4

```
https://ios-xe:9443/restconf/data/ietf-interfaces:interfaces/

<interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
   <interface>
      <name>GigabitEthernet1</name>
      <description>DO NOT TOUCH ME</description>
      <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:ethernetCsmacd</type>
      <enabled>true</enabled>
      <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
         <address>
            <ip>10.10.10.10</ip>
            <netmask>255.255.255.0</netmask>
         </address>
      </ipv4>
      <ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"/>
   </interface>
   <interface>
      <name>GigabitEthernet2</name>
      <description>WAN Interface</description>
      <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:ethernetCsmacd</type>
      <enabled>true</enabled>
      <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
         <address>
            <ip>172.16.12.1</ip>
            <netmask>255.255.255.0</netmask>
         </address>
      </ipv4>
      <ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip"/>
   </interface>
</interfaces>
```

Refer to the exhibit. A RESTCONF GET request is sent to a Cisco IOS XE device. The base URL of the request and the response in XML format are shown in the exhibit. What are the two YANG data nodes and modules referenced in the response? (Choose two.)

A. description is a key field defined in the interface list

B. The ethernetCsmacd type is imported from the iana-if-type module

C. address is a container defined in the ietf-interfaces module

D. ipv4 is a container defined in the ietf-ip module

E. interface has the YANG data node type of container

Correct Answer: AB

QUESTION 5

```
neighbors = ['s1', 's2', 's3']
switch = {'hostname':'nexus','os':'7.0.3','neighbors':neighbors}
print(switch['neighbors'][1])
```

Refer to the exhibit. What is the result when running the Python scripts?

A. s1

B. s2

C. s1, s2, s3

D. s3

Correct Answer: B