



# 300-435<sup>Q&As</sup>

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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## QUESTION 1

```
{
  "Cisco-IOS-XR-ifmgr-cfg:interface-configurations": {
    "interface-configuration": [
      {
        "active": "act",
        "interface-name": "Loopback0",
        "description": "PRIMARY ROUTER LOOPBACK"
      }
    ]
  }
}
```

Refer to the exhibit. Which type of YANG container is described by the JSON instance provided?

- A. interface-configurations
- B. active
- C. interface-name
- D. description

Correct Answer: A

Reference: [https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r7-0/programmability/configuration/guide/b-programmability-cg-asr9000-70x/b-programmability-cg-asr9000-70x\\_chapter\\_011.html](https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r7-0/programmability/configuration/guide/b-programmability-cg-asr9000-70x/b-programmability-cg-asr9000-70x_chapter_011.html)

## QUESTION 2

### DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing to construct a Python script to automate the process of updating the site-to-site VPN settings of the network. Not all options are used.

Select and Place:



```
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/"

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1092409", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", }
    ]
}

headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                             headers=headers,
                             )

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

Correct Answer:



```
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/siteToSiteVpn "

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1092409", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", "useVpn": True }
    ]
}

headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                            headers=headers,
                            data=payload )

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

networksVpn

Reference: <https://developer.cisco.com/meraki/api-v1/#!get-network-appliance-vpn-site-to-site-vpn>

### QUESTION 3

Which Python snippet receives a Meraki webhook request?



- ☐ A. `@app.route('/mynet/webhook', methods=['PUT'])`  
`@app.accept_body(WebhookSchema)`  
`def receive_webhook(**kwargs):`  
 `send_sms_alert(kwargs['alertType'])`
- ☐ B. `@app.route('/mynet/webhook', methods=['GET'])`  
`@app.accept_body(WebhookSchema)`  
`def receive_webhook(**kwargs):`  
 `send_sms_alert(kwargs['alertType'])`
- ☐ C. `@app.route('/mynet/webhook', methods=['PATCH'])`  
`@app.accept_body(WebhookSchema)`  
`def receive_webhook(**kwargs):`  
 `send_sms_alert(kwargs['alertType'])`
- ☐ D. `@app.route('/mynet/webhook', methods=['POST'])`  
`@app.accept_body(WebhookSchema)`  
`def receive_webhook(**kwargs):`  
 `send_sms_alert(kwargs['alertType'])`

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

Reference: <https://github.com/CiscoDevNet/dnav3-code/blob/master/intro-meraki/meraki-07-webhooks/webhookreceiver.py>

#### QUESTION 4

**"https://vmanage-ip-address:8443/dataservice/template/policy/vsmart/activate/{policyId}"**

Refer to the exhibit. A Python script must be created to deactivate vSmart Policy Cisco SD-WAN vManage Configuration APIs. The documentation states the URL is as shown in the exhibit for this REST call using POST, and that "policyId" is a required request parameter. Which line of Python code makes this call, assuming the variable "s" is a valid Requests session object and the variable "policy-id" is the policyId?

- A. `s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate?policyId=%s\ ' % policy_id)`
- B. `s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/%s\ ' % policy_id)`



C. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activateandpolicyId=%s\\' % policy\_id)

D. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/\\', data = {'policyId\\': policy\_id})

Correct Answer: A

#### QUESTION 5

```
{
  "ietf-interfaces:interfaces": {
    "interface": [
      {
        "name": "GigabitEthernet1",
        "description": "MANAGEMENT INTERFACE",
        "type": "iana-if-type:ethernetCsmacd",
        "enabled": true,
        "ietf-ip:ipv4": {
          "address": [
            {
              "ip": "10.10.20.48",
              "netmask": "255.255.255.0"
            }
          ]
        },
        "ietf-ip:ipv6": {}
      }
    ]
  }
}
```

Refer to the exhibit. A RESTCONF GET request is sent to a Cisco IOS XE device. A portion of the response is shown in the exhibit. Which module name corresponds to the YANG model referenced in the request?

- A. ietf-interfaces:ietf-ipv4
- B. iana-if-type:ethernetCsmacd
- C. ietf-interfaces:interfaces
- D. ietf-interfaces

Correct Answer: A