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QUESTION 1

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 2

Refer to the exhibit. NTP server 10.1.1.20 must be configured on the target Cisco IOS XE device without using authentication and logging. Which state should be added on a new line at the end of the Ansible task?

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Cisco Automating and Programming Cisco Enterprise Solutions Sample Questions (Q102-Q107):

NEW QUESTION # 102

Refer to the exhibit.



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

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/activate&policyId=%s' % policy_id)`
- D. `s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/', data = {'policyId': policy_id})`

Answer: B

NEW QUESTION # 103

Drag and drop the code from the bottom onto the box where the code is missing to construct an noiliest request that shuts down an interface on a Cisco IOS XE device. Not all options are used.

```

from ncclient import manager
import xml.dom.minidom
USERNAME = 'cisco'
PASSWORD = 'cisco'
HOST = '10.10.20.181'
data = ''
<config>
  <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
    <interface>
      <GigabitEthernet>
        <name>{INTF_NAME}</name>
        <shutdown/>
      </GigabitEthernet>
    </interface>
  </native>
</config>
'''

with manager.connect(host=HOST, password=PASSWORD, port=830,
                    username=USERNAME, hostkey_verify=False,
                    ) as m:
    c = m. (data.format(INTF_NAME='3'),
            format='xml',
            )

print(c)

```

device_params={'name':'iosxe'}

edit_config

target = 'running'

conn_params={'name':'cisco_iosxe'}

send_cmds

dst = 'running-config'

CISCO

Answer:

Explanation:

```

from ncclient import manager
import xml.dom.minidom
USERNAME = 'cisco'
PASSWORD = 'cisco'
HOST = '10.10.20.181'
data = ''
<config>
  <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
    <interface>
      <GigabitEthernet>
        <name>{INTF_NAME}</name>
        <shutdown/>
      </GigabitEthernet>
    </interface>
  </native>
</config>
'''

with manager.connect(host=HOST, password=PASSWORD, port=830,
                    username=USERNAME, hostkey_verify=False,
                    device_params={'name': 'iosxe'}) as m:

    c = m. edit_config (data.format(INTF_NAME='3'),
                      format='xml',
                      target = 'running' )

    print(c)

```

```
device_params={'name': 'iosxe'}
```

```
edit_config
```

```
target = 'running'
```

```
conn_params={'name': 'cisco_iosxe'}
```

```
send_cmds
```

```
dst = 'running-config'
```

```

from ncclient import manager
import xml.dom.minidom
USERNAME = 'cisco'
PASSWORD = 'cisco'
HOST = '10.10.20.181'
data = ''
<config>
  <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
    <interface>
      <GigabitEthernet>
        <name>{INTF_NAME}</name>
        <shutdown/>
      </GigabitEthernet>
    </interface>
  </native>
</config>
'''

with manager.connect(host=HOST, password=PASSWORD, port=830,
                    username=USERNAME, hostkey_verify=False,
                    device_params={'name': 'iosxe'}) as m:

    c = m. edit_config (data.format(INTF_NAME='3'),
                      format='xml',
                      target = 'running' )

    print(c)

```

NEW QUESTION # 104

Drag and Drop Question

Refer to the exhibit. Drag and drop the code from the bottom onto the box where the code is missing to complete the XML instance of this YANG module. Options may be used more than once. Not all options are used.

```

module interfaces {
  typedef dotted-quad {
    type string {
      pattern
        '([([0-9]|[1-9][0-9]|[1][0-9][0-9]|2[0-4][0-9]|25[0-5])\.){3}'
        + '([0-9]|[1-9][0-9]|[1][0-9][0-9]|2[0-4][0-9]|25[0-5])';
    }
    description
      "Four octets written as decimal numbers and
        separated with the '.' (full stop) character.";
  }
  container interfaces {
    list interface {
      key "name";
      leaf name {
        type string;
        mandatory "true";
        description
          "Interface name.";
      }
      leaf address {
        type dotted-quad;
        mandatory "true";
        description
          "Interface IF address.";
      }
      leaf subnet-mask {
        type dotted-quad;
        mandatory "true";
        description
          "Interface subnet mask.";
      }
      leaf enabled {
        type boolean;
        default "false";
        description
          "Enable or disable the interface.";
      }
    }
  }
}

```

```

<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  < [ ] xmlns="http://example.com/interfaces">
    < [ ] >
      < [ ] >GigabitEthernet 0/0/0</ [ ] >
      <address>10.10.10.1</address>
      <subnet-mask>255.255.255.0</subnet-mask>
    </ [ ] >
  </ [ ] >
</data>

```

list	name	id	leaf name
interface	description	interfaces	

Answer:

Explanation:

```

<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  < interfaces xmlns="http://example.com/interfaces">
    < interface >
      < name >GigabitEthernet 0/0/0</ name >
      <address>10.10.10.1</address>
      <subnet-mask>255.255.255.0</subnet-mask>
    </ interface >
  </ interfaces >
</data>

```

list	name	id	leaf name
interface	description	interfaces	

Explanation:

interfaces: Matches the YANG container interfaces.

interface: Matches the YANG list interface.

name: Matches the YANG leaf name defined as the list key.

The correct closing tags follow the same logic and structure:

- </interface> closes the list item

- </interfaces> closes the container.

NEW QUESTION # 105

Refer to the exhibit.

```
{
  "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": {}
      }
    ]
  }
}
```

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

Answer: B

NEW QUESTION # 106

Refer to the exhibit.

```
https://ios-xe:9443/restconf/data/ietf-routing:routing/routing-  
instance=default/
```

```
<routing-instance xmlns:"urn:ietf:params:xml:ns:yang:ietf-  
routing" xmlns:rt="urn:ietf:params:xml:ns:yang:ietf-routing">  
  <name>default</name>  
  <description>default-vrf [read-only]</description>  
  <routing-protocols>  
    <routing-protocol>  
      <type>static</type>  
      <name>1</name>  
      <static-routes>  
        <ipv4 xmlns:"urn:ietf:params:xml:ns:yang:ietf-  
ipv4-unicast-routing">  
          <route>  
            <destination-  
prefix>0.0.0.0/0</destination-prefix>  
            <next-hop>  
              <outgoing-  
interface>GigabitEthernet1</outgoing-interface>  
            </next-hop>  
          </route>  
        </ipv4>  
      </static-routes>  
    </routing-protocol>  
  </routing-protocols>  
</routing-instance>
```

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 is the YANG data node that is referenced in the response?

- A. route is a leaf list
- B. routing-instance is a container
- C. static-routes is a list
- D. static-routes is a container

Answer: D

Explanation:

Reference:

https://www.cisco.com/c/en/us/td/docs/iosxml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.pdf

NEW QUESTION # 107

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