



300-435^{Q&As}

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QUESTION 1

```
from device_info import ios_xel
from ncclient import manager
import xmltodict

netconf_filter = open('filter-ietf-interfaces.xml').read()

if __name__ == '__main__':
    with manager.connect(host=ios_xel["address"],
                        port=ios_xel["port"],
                        username=ios_xel["username"],
                        password=ios_xel["password"],
                        hostkey_verify=False) as m:

        netconf_reply = m.get(netcong_filter)

        intf_details = xmltodict.parse(netconf_reply.xml) ["rpc-reply"] ["data"]
        intf_config = intf_details["interfaces"] ["interface"]
        intf_info = intf_details["interfaces-state"] ["interface"]

        print("")
        print("Interface Details:")
        print(" Name: {}".format(  ["name"] ))
        print(" Description: {}".format(intf_config["description"]))
        print(" Type: {}".format(intf_config["type"] ["#text"]))
        print(" MAC Address: {}".format(intf_info["phys-address"]))
        print(" Packet Input: {}".format(intf_info["statistics"] ["in-unicast-pkts"]))
        print(" Packet Output: {}".format(intf_info["statistics"] ["out-unicast-pkts"]))
```

```
<filter>
  <interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
    <interface>
      <name>GigabitEthernet2</name>
    </interface>
  </interfaces>
  <interfaces-state xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
    <interface>
      <name>GigabitEthernet2</name>
    </interface>
  </interfaces-state>
</filter>
```

Refer to the exhibits. An engineer creates a Python scripts using ncclient to display interface information. The code must be completed so that it can be tested. Which expression completes the highlighted section in the format call?

- A. intf_info
- B. intf_config
- C. intf_get



D. intf_config[0]

Correct Answer: A

The highlighted format cell for print is for the host.

Reference: https://github.com/CiscoDevNet/dnac-python-path-trace/blob/master/path_trace.py

QUESTION 2

DRAG DROP

Drag and drop the code snippets from the bottom onto the blanks in the code to create a network for a new Cisco Meraki organization. Not all option are used?

Select and Place:

```
curl -L --request [ ] \
--url https://api.meraki.com/api/v0/ [ ] /
      (organizationId)/ [ ] \
--header 'X-Cisco-Meraki-API-[ ] :
      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX' \
--data '{
  "name": "Sample Name",
  "type": "Sample Type"
}'
```

Key

GET

organizations

devices

POST

networks

Correct Answer:



```
curl -L --request  \  
--url https://api.meraki.com/api/v0/  /  
      (organizationId)/  \  
--header 'X-Cisco-Meraki-API-  :  
      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX' \  
--data '{  
  "name": "Sample Name",  
  "type": "Sample Type"  
}'
```

QUESTION 3



```
def ospf_interface(interface, process, area='0'):  
    payload = [  
        {  
            "jsonrpc": "2.0",  
            "method": "cli",  
            "params": {  
                "cmd": "interface ethernet " + interface,  
                "version": 1  
            },  
            "id": 1  
        },  
        {  
            "jsonrpc": "2.0",  
            "method": "cli",  
            "params": {  
                "cmd": "ip router ospf " + process + " area " + area,  
                "version": 1  
            },  
            "id": 2  
        }  
    ]  
    return payload  
pl = ospf_interface('1/1','100','1')
```

Refer to the exhibit. Which interface is included in the payload resulting from the script?

- A. ethernet 1
- B. ethernet 100
- C. ethernet 1/1
- D. ethernet 0

Correct Answer: D

QUESTION 4



```
module: Cisco-IOS-XE-vlan-oper
  +--ro vlans
    +--ro vlan* [id]
      +--ro id          uint16
      +--ro name?       string
      +--ro status?     vlan-iso-xe-oper:vlan-status-type
      +--ro ports* []
        | +--ro interface?  string
        | +--ro subinterface? uint32
      +--ro vlan-interfaces* [interface]
        +--ro interface    string
        +--ro subinterface  uint32
```

Refer to the exhibit. Which NETCONF protocol operation is used to interact with the YANG model?

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

Correct Answer: A

Reference: <https://www.cisco.com/c/en/us/td/docs/routers/crs/software/crs-r6-4/programmability/configuration/guide/b-programmability-cg-crs-64x.pdf>

QUESTION 5

DRAG DROP

Drag and drop the code snippets from the bottom onto the blanks in the code to subscribe to a Cisco DNA event by using the intent API . Not all options used.

Select and Place:



```
[{
  "name": "Example-300",
  "description": "An example payload",
  "subscriptionEndpoints": [
    {
      "subscriptionDetails": {
        "name": "Endpoint 1",
        "url": ,
        "method": ,
        "connectorType": 
      }
    }
  ],
  "filter": {
    "eventIds": [
      "NETWORK-NON-FABRIC_WIRED-1-200"
    ]
  }
}]
```

Correct Answer:



```
[{
  "name": "Example-300",
  "description": "An example payload",
  "subscriptionEndpoints": [
    {
      "subscriptionDetails": {
        "name": "Endpoint 1",
        "url": "https://webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2",
        "method": "POST",
        "connectorType": "REST"
      }
    }
  ],
  "filter": {
    "eventIds": [
      "NETWORK-NON-FABRIC_WIRED-1-200"
    ]
  }
}]
```

"/webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2"

"GET"

"WEBHOOK"

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