



300-435^{Q&As}

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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QUESTION 1

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 2

```
<rpc message-id="101" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <establish-subscription
    xmlns="urn:ietf:params:xml:ns:yang:ietf-event-notifications"
    xmlns:yp="urn:ietf:params:xml:ns:yang:ietf-yang-push">
    <stream>yp:yang-push</stream>
    <yp:xpath-filter>/mdt-oper:mdt-oper-data/mdt-subscriptions</yp:xpath-filter>
    <yp: <input type="text" value="" /> >1000</yp: <input type="text" value="" /> >
  </establish-subscription>
</rpc>
```

Refer to the exhibit. Which XML tag completes this NETCONF telemetry subscription with a Cisco IOS XE device?

- A. crontab
- B. cadence
- C. frequency
- D. period

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1610/b_1610_programmability_cg/model_driven_telemetry.html

QUESTION 3

A configuration has been made to add to every switch port a new port description. The script worked initially, but after a few seconds, an HTTP 429 status code was received. What causes this error message from the Meraki cloud?

- A. The wrong API key is used to query the data.



- B. The rate limit of the Cisco Meraki API is exceeded.
- C. The API key has expired.
- D. The device goes offline while you poll the API dashboard.

Correct Answer: B

Reference: <https://community.meraki.com/t5/Developers-APIs/my-API-Limit-exceed-and-key-is-not-working/td-p/64034>

QUESTION 4

What are two benefits of leveraging Ansible for automation of Cisco IOS XE Software? (Choose two.)

- A. Ansible playbooks are packaged and installed on IOS XE devices for automatic execution when an IOS device reboots.
- B. All IOS XE operating systems include Ansible playbooks for basic system administration tasks.
- C. It is a device-independent method for automation and can be used with any type of device or operating system.
- D. Ansible playbooks can be written from the IOS XE EXEC command line to configure the device itself.
- E. It does not require any modules of software except SSH to be loaded on the network device.

Correct Answer: AC

Reference: <https://developer.cisco.com/learning/modules/intro-ansible-iosxe/ansible-overview/step/4>

QUESTION 5



```
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

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