



300-435^{Q&As}

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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**QUESTION 1**

```
import requests
import sys

requests.package.urllib3.disable_warnings()

HOST = '10.1.2.3'
PORT = 9443
USER = 'user'
PASS = 'password'

def main():
    url = "https://{h}:{p}/restconf/data/Cisco-IOS-XE-native:native/hostname".format(h=HOST, p=PORT)

    headers = {'Content-Type': 'application/ [REDACTED] ',
               'Accept': 'application/[REDACTED]'}
    response = requests.get(url, auth=(USER,PASS),
                             headers=headers, verify=False)
    print(response.text)

if __name__ == '__main__':
    sys.exit(main())
```

Refer to the exhibit. An engineer creates a Python script using RESTCONF to display hostname information. The code must be completed so that it can be tested. Which string completes the highlighted areas in the exhibit?

- A. yang-data+json
- B. yang +json
- C. yang.data+json
- D. json

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.html

QUESTION 2

Which URI with the request body of Request body: {"name":"Test","organizationId":,"type":"appliance"} creates a new Meraki network called "Test", when using APIs?

- A. PUT <https://api.meraki.com/api/v0/organizations//networks>



- B. POST <https://api.meraki.com/api/v0/networks>
- C. POST <https://api.meraki.com/api/v0/organizations//networks/>
- D. POST <https://api.meraki.com/api/v0/organizations//networks>

Correct Answer: D

Reference:

https://documentation.meraki.com/zGeneral_Administration/Other_Topics/The_Cisco_Meraki_Dashboard_API

QUESTION 3

DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing in the Ansible playbook to apply the configuration to an interface on a Cisco IOS XE device. Not all options are used.

Select and Place:

```
- name: configure interface settings
  [ ] :
  lines:
    - ip address 172.31.1.1 255.255.255.0
    - no shutdown
  [ ] : interface GigabitEthernet1/0
```

ioscmd

parents

losconfig

interface

iosxe

ios_config

Correct Answer:



```
- name: configure interface settings
```

```
  ios_config :
```

```
    lines:
```

```
      - ip address 172.31.1.1 255.255.255.0
```

```
      - no shutdown
```

```
  interface : interface GigabitEthernet1/0
```

ioscmd

parents

losconfig

iosxe

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



```
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