

## 300-435 Dumps

# Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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**NEW QUESTION 1**

A new project called “device\_status” must be stored in a central Git repository called “device\_status” with the first file named “device\_status.py”. The Git repository is created using the account python\_programmer. Which set of commands inserts the project into Git?

A.

```
git init
git add device_status.py
git commit -m "Initial Revision"
git remote add origin \
    https://git.cisco.com/python_programmer/device_status.git
git push -u origin master
```

B.

```
git init
git remote add origin \
    https://git.cisco.com/python_programmer/device_status.git
git add device_status.py
git pull
```

C.

```
git init
git remote add origin \
    https://git.cisco.com/python_programmer/device_status.git
git add device_status.py
git commit -m "Initial Revision"
git pull -u origin master
```

A.

```
git init
git add device_status.py
git remote add python_programmer/device_status
git push
```

Answer: A

**NEW QUESTION 2**

```
neighbors = ['s1', 's2', 's3']
switch = {'hostname': 'nexus', 'os': '7.0.3', 'neighbors': neighbors}
print(switch['neighbors'][1])
```

Refer to the exhibit. What is the result when running the Python scripts?

- A. s1
- B. s2
- C. s1, s2, s3
- D. s3

Answer: B

**NEW QUESTION 3**

```
{
  "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

Answer: A

**NEW 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. <edit-config>
- B. <get>
- C. <get-config>
- D. <copy-config>

**Answer: A**

#### NEW QUESTION 5

```
module: ietf-ip
  augment /if:interfaces/if:interface:
    +--rw ipv4!
      | +--rw enabled?      boolean
      | +--rw forwarding?   boolean
      | +--rw mtu?          uint16
      | +--rw address* [ip]
      | | +--rw ip          inet:ipv4-address-no-zone
      | | +--rw (subnet)
      | | | +--: (prefix-length)
      | | | | +--rw prefix-length?      uint8
      | | | +--: {netmask}
      | | | +--rw netmask?              yang:dotted-guad (ipv4-non-contiguous-netmasks)?
      | | +--ro origin?                ip-address-origin
      | +--rw neighbor* [ip]
      |   +--rw ip                    inet:ipv4-address-no-zone
      |   +--rw link-layer-address    yang:phys-address
```

Refer to the exhibit. Which NETCONF statement type is represented by +--rw address\* [ip]?

- A. list
- B. leaf-list
- C. container
- D. submodule

**Answer: A**

#### NEW QUESTION 6

DRAG DROP

Drag and drop the commands to the Ansible playbook that applies configuration to an interface on a Cisco IOS XE device. Not all options are used.

Select and Place:

#### Answer Area

- |           |            |
|-----------|------------|
| ioscmd    | interface  |
| parents   | iosxe      |
| iosconfig | ios_config |

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

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



## Answer Area

ioscmd	interface
parents	iosxe
iosconfig	ios_config

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

### NEW QUESTION 7

Which tag is required when establishing a YANG-push subscription with a Cisco IOS XE device?

- A. <yp:period>
- B. <yp:subscription-result>
- C. <yp:subscription-id>
- D. <yp:xpath-filter>

Answer: D

### NEW QUESTION 8

```
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(intf_config["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]

**Answer:** A

#### NEW QUESTION 9

The Cisco DNA Center Sites API must be used to add a device to a site, but only the site name is available. Which API call must be used to retrieve the site identifier so that the device can be properly added to the network?

- A. /dna/intent/api/site/siteId
- B. /dna/intent/api/site
- C. /dna/intent/api/v1/site
- D. /dna/intent/api/v1/site/siteName

**Answer:** C

#### NEW QUESTION 10

Which two features are characteristics of software-defined networks when compared to traditional infrastructure? (Choose two.)

- A. configured box-by-box
- B. changed manually
- C. use overlay networks
- D. designed to change
- E. require software development experience to manage

**Answer:** CD

#### NEW QUESTION 10

What is the purpose of using the Cisco SD-WAN vManage Certificate Management API?

- A. to generate a CSR
- B. to allocate resources to the certificate server
- C. to request a certificate from the certificate server
- D. to enable vManage Center

**Answer:** A

#### NEW QUESTION 13

What is primary purpose of using the Cisco SD-WAN vManage Certificate Management API?

- A. to securely deploy vManage
- B. to report an issue to Cisco TAC
- C. to install signed certificates
- D. to contact Enterprise Certificate Authority

**Answer:** A

#### NEW QUESTION 17

Which HTTP request is valid to create a new wireless network called "Demo Wireless Network" in the organization "QASD- EROA-MKAW"?

- A. **POST /organizations/networks**  
**Host: https://api.meraki.com/api/v0**  
  

```
{  
  "name": "Demo Wireless Network",  
  "organizationId": "QASD-EROA-MKAW",  
  "type": "wireless"  
}
```
- B. **POST /organizations/QASD-EROA-MKAW/networks**  
**Host: https://api.meraki.com/api/v0**  
  

```
{  
  "name": "Demo Wireless Network",  
  "type": "combined"  
}
```
- C.

```
POST /organizations/QASD-EROA-MKAW/networks
```

```
Host: https://api.meraki.com/api/v0
```

```
{
  "name": "Demo Wireless Network",
  "organizationId": "QASD-EROA-MKAW",
  "type": "wireless"
}
```

**Answer:** A

**NEW QUESTION 22**

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