# 300-435<sup>Q&As</sup>

300-435 $^{Q\&As}$

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

# Pass Cisco 300-435 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

**https://www.leads4pass.com/300-435.html**

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

**QUESTION 1**

DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing to construct a Python script to automate the process of updating the site-to-site VPN settings of the network. Not all options are used.

Select and Place:

```
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/ [          ] "

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1092489", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", [          ] }
    ]
}
headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                            headers=headers,
                            [          ] )
print(response.text.encode('utf8'))
```

| "useVpn": True | networksVpn |
|---|---|
| data=payload | siteToSiteVpn |

Correct Answer:

```
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/ siteToSiteVpn  "

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1092489", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", "useVpn": True }
    ]
}
headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                            headers=headers,
                            data=payload   )
print(response.text.encode('utf8'))
```

```
networksVpn
```

Reference: https://developer.cisco.com/meraki/api-v1/#!get-network-appliance-vpn-site-to-site-vpn

**QUESTION 2**

```
- name: Create VRFs as defined by local_vrfs
  ios_vrf:
      vrfs: "{{ local_vrfs }}"
      state:
      register: addvrf
```

Refer to the exhibit. An engineer creates an Ansible playbook to configure VRF information using a local_vrfs variable. The code must be completed so that it can be tested. Which string completes the code?

A. present

B. up

C. on

D. active

Correct Answer: A

Reference: https://docs.ansible.com/ansible/latest/modules/ios_vrf_module.html

---

**QUESTION 3**

Which statement describe the difference between OpenConfig and native YANG data models?

A. Native models are designed to be independent of the underlying platform and are developed by vendors and standards bodies, such as the IETF.

B. Native models are developed by individual developers and designed to apply configurations on platforms.

C. OpenConfig models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.

D. Native models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/products/collateral/switches/nexus-9000-series-switches/white-paper-c11-741518.html
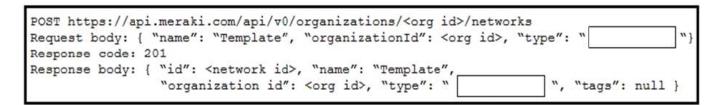
---

**QUESTION 4**

Which path do calls begin with to implement Cisco DNA Center Intent APIs?

A. /intent

B. /dna/v1

C. /dna/api/intent/v1/

D. /dna/system/api/v1/

Correct Answer: D

Reference: https://developer.cisco.com/docs/dna-center/#!device-provisioning/endpoints-and-methods-used

---

**QUESTION 5**

```
POST https://api.meraki.com/api/v0/organizations/<org id>/networks
Request body: { "name": "Template", "organizationId": <org id>, "type": "[          ]"}
Response code: 201
Response body: { "id": <network id>, "name": "Template",
                "organization id": <org id>, "type": "[          ]", "tags": null }
```

Refer to the exhibit. A template is provided to a junior developer to automate the creation of a network on the Meraki dashboard. The new network needs to have the id 123456789 and support only wired network connections. What type needs to be added to the API?

A. switch

B. wireless

C. appliance

D. systemsManager

Correct Answer: C

**QUESTION 6**

```
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

## QUESTION 7

When API request are implement for Cisco DNA Centre, which two response are returned in the JSON response when HTTP GET call is made to obtain site health? (Choose two)

A. clientHealthWired

B. clientHealthAverage

C. totalApplicationCount

D. routerGoodCount

E. overallBadDevices

Correct Answer: AD

## QUESTION 8

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

Correct Answer: CD

Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/VMDC/SDN/SDN.html

## QUESTION 9

```
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

Correct Answer: B

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

❯ **Execute Mode, Version, Inputs & Arguments**

3.7.4 ❯

                                                                    In

**CommandLine Arguments**

**Result**
CPU Time: 0.02 sec(s), Memory: 7604 kilobyte(s)

s2

**QUESTION 10**

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

Correct Answer: C

Reference: https://community.cisco.com/t5/networking-blogs/welcome-to-the-dna-center-api-support-community/ba-p/3663632

**QUESTION 11**

```
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-quad (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

Correct Answer: A

Symbols after data node names: "?" means an optional node, "!" means a presence container, and "*" denotes a list and leaf-list.

**QUESTION 12**

```
from ncclient import manager
with manager.connect(
        host='10.0.0.1',
        port=12022,
        username='cisco',
        password='cisco',
        hostkey_verify=False,
        allow_agent=False,
        look_for_keys=False,
        device_params={'name': 'iosxe'},
    ) as m:
```

Refer to the exhibit. What is the correct ncclient method to use to collect the running configuration of a Cisco IOS XE device that uses NETCONF?

A. config=m.copy_config(source=\\'running\\')

B. config=m.get(source=\\'running\\')

C. config=m.collect_config(source=\\'running\\')

D. config=m.get_config(source=\\'running\\')

Correct Answer: A

Reference: https://ncclient.readthedocs.io/en/latest/

---

**QUESTION 13**

What is a benefit of developing an application in a Python virtual environment?
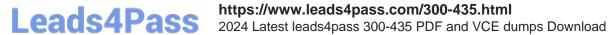
A. The application operates in multiple target systems simultaneously.

B. The application supports concurrency or multithreading.

C. The application operates across systems that have different operating systems.

D. The development environment is isolated from Python projects that already exist.

Correct Answer: B

Reference: https://hackernoon.com/concurrent-programming-in-python-is-not-what-you-think-it-is-b6439c3f3e6a

---

**QUESTION 14**

What does the command boot ipxe forever switch 1 perform when executed on a Cisco IOS XE device?

A. It continuously sends DHCP requests for iPXE until the device boots with an image.

B. It continuously sends DNS requests for iPXE until the device restarts.

C. It continuously sends DNS requests for iPXE until the device boots with an image.

D. It continuously sends DHCP requests for iPXE until the device restarts.

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3850/software/release/16-5/configuration_guide/
prog/b_165_prog_3850_cg/ipxe.html

**QUESTION 15**

What are two characteristics of RPC API calls? (Choose two.)

A. They can be used only on network devices.

B. They use only UDP for communications.

C. Parameters can be passed to the calls.

D. They must use SSL/TLS.

E. They call a single function or service.

Correct Answer: AC

Reference: https://pubs.opengroup.org/onlinepubs/9629399/chap6.htm

[Latest 300-435 Dumps](#)                    [300-435 Study Guide](#)                    [300-435 Braindumps](#)