



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

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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## QUESTION 1

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 2

```
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 3

```
- 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](https://docs.ansible.com/ansible/latest/modules/ios_vrf_module.html)

### QUESTION 4

When working with MV Sense APLS , upon which type of protocol is MQTT based?

- A. publish-subscribe messaging
- B. simple mail transport
- C. heavyweight messaging
- D. computer vision



Correct Answer: A

#### QUESTION 5

```
{
  "data": [{
    "availableVersions": [],
    "chassisNumber": "4af9e049-0052-47e9-83af-81a5825f7ffe",
    "deviceIP": "4.4.4.60",
    "deviceModel": "vedge-cloud",
    "deviceType": "vedge",
    "host-name": "vedge01"
    ...
  }]
}
```

Refer to the exhibit. A Python script has been created that calls the Cisco SD-WAN vManage Device Inventory API to get the list of vEdges. The JSON data that returns to a Python dictionary has been converted and assigned to a variable named "d". A portion of the JSON is shown in the exhibit. Which code will complete the expression `hostname=` to access the hostname?

- A. `d["data"][0]["host-name"]`
- B. `d[data][0][host-name]`
- C. `d("data")[0]("host-name")`
- D. `d["host-name"]["data"] {"0"}`

Correct Answer: A

The double-quotations are a necessary syntax of Python. And for the json portion doesn't use parentheses. It always uses brackets. `d["data"][0]["host-name"]` is the only logical answer.

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