300-435^{Q&As}

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Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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QUESTION 1

```
headers = {'Content-Type': 'application/yang-data+json',
           'Accept': 'application/yang-data+json'}

data = OrderedDict([('ietf-interfaces:interface',
          OrderedDict([
                       ('name', 'Loopback2') ,
                       ('type', 'iana-if-type:softwareLoopback') ,
                       ('ietf-ip:ipv4',
                          OrderedDict([
                             ('address', [OrderedDict([
                                ('ip', '10.222.234.8'),
                                ('netmask', '255.255.255.0')
                             ])]
                             )
                          ])
                       ),
                    ])
          )])

response =
requests.put("https://10.10.20.48:443/restconf/data/ietf-interfaces:interfaces/interface=Loopback2",
             auth=("cisco", "cisco 1234!"),
             headers=headers,
             verify=False,
             json=data
             )
```

Refer to the exhibit. A Python script is used to configure a Cisco IOS XE router. The Loopback2 interface currently has a description of Management2 and an IP address/netmask of 10.222.34.22/32. What is the result of executing the script?

A. The interface description remains the same.

B. The router rejects all commands and the configuration remains the same.

C. The interface is removed from the configuration.

D. The interface description is removed from the configuration.

Correct Answer: A

QUESTION 2

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 3

```
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/[          ]',
               'Accept': 'application/[          ]'}
    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 4

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 5

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

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