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Exam : 300-435

Title : Automating and
Programming Cisco
Enterprise Solutions
(ENAUTO)

Version : DEMO

1.Which two API calls are used to trigger a device configuration sync in Cisco DNA Center? (Choose two.)

- A. PUT /dna/intent/api/v1/network-device
- B. PUT /dna/intent/api/v1/network-device/sync-all
- C. PUT /dna/intent/api/v1/network-device/{networkDeviceId}/sync
- D. PUT /dna/intent/api/v1/network-device/sync
- E. POST /dna/intent/api/v1/network-device/{networkDeviceId}/sync

Answer: A,D

Explanation:

Reference: <https://github.com/CiscoDevNet/DNAC-JAVA-SDK/tree/master/DnacAppApi>

2.Which two Cisco DNA center features are needs to add legacy on the platform? (Choose two.)

- A. Multivendor SDK support
- B. Trusted device profile update
- C. Device package creation
- D. Device package download
- E. Device profile replication

Answer: A,D

3.Refer to the exhibit.

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

What is the result when running the Python scripts?

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

Answer: B

4.Refer to the exhibit.

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

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

Answer: A

Explanation:

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

5.DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing to construct an noilist request that shuts down an interface on a Cisco IOS XE device. Not all options are used.

```
from ncclient import manager
import xml.dom.minidom
USERNAME = 'cisco'
PASSWORD = 'cisco'
HOST = '10.10.20.181'
data = ''
<config>
  <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
    <interface>
      <GigabitEthernet>
        <name>{INTF_NAME}</name>
        <shutdown/>
      </GigabitEthernet>
    </interface>
  </native>
</config>
'''

with manager.connect(host=HOST, password=PASSWORD, port=830,
                    username=USERNAME, hostkey_verify=False,
                    ) as m:

    c = m. (data.format(INTF_NAME='3'),
            format='xml',
            )

    print(c)
```

device_params={'name':'iosxe'}

edit_config

target = 'running'

conn_params={'name':'cisco_iosxe'}

send_cmds

dst = 'running-config'

Answer:

```
from ncclient import manager
import xml.dom.minidom
USERNAME = 'cisco'
PASSWORD = 'cisco'
HOST = '10.10.20.181'
data = '''
<config>
  <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
    <interface>
      <GigabitEthernet>
        <name>{INTF_NAME}</name>
        <shutdown/>
      </GigabitEthernet>
    </interface>
  </native>
</config>
'''

with manager.connect(host=HOST, password=PASSWORD, port=830,
                    username=USERNAME, hostkey_verify=False,
                    device_params={'name': 'iosxe'}) as m:
    c = m. edit_config (data.format(INTF_NAME='3'),
                      format='xml',
                      target = 'running' )

    print(c)
```

device_params={'name': 'iosxe'}

edit_config

target = 'running'

conn_params={'name': 'cisco_iosxe'}

send_cmds

dst = 'running-config'
