

Exam Questions 300-635

Automating and Programming Cisco Data Center Solutions (DCAUTO)

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NEW QUESTION 1

Which two benefits of using network configuration tools such as Ansible and Puppet to automate data center platforms are valid? (Choose two.)

- A. consistency of systems configuration
- B. automation of repetitive tasks
- C. ability to create device and interface groups
- D. ability to add VLANs and routes per device
- E. removal of network protocols such as Spanning Tree

Answer: AB

NEW QUESTION 2

Refer to the exhibit.

```
def add_tenant():
    token = apic_login.aaaLogin()
    for tenant in range(1,10):
        try:
            response = requests.post(
                url=constant.APIC_URL + "/api/node/mo/uni/tn-exam%s.json" % (tenant),
                headers={
                    "Cookie": "APIC-cookie=" + token,
                    "Content-Type": "application/json; charset=utf-8",
                },
                data=json.dumps({
                    "fvTenant": {
                        "attributes": {
                            "status": "created",
                            "dn": "uni/tn-exam%s" % (tenant),
                            "name": "exam%s" % (tenant),
                            "rn": "tn-exam%s" % (tenant)
                        },
                        "children": [
                        ]
                    }
                })
            )
            print("Response HTTP Status Code: {status_code}".format(
                status_code=response.status_code))
            print("Response HTTP Response Body: {content}".format(
                content=response.content))
        except requests.exceptions.RequestException:
            print("HTTP Request failed")
    add_tenant()
```

Assuming a new ACI instance, what is the result when this script is run?

- A. Ten objects are created and subsequently deleted.
- B. Nine objects are created.
- C. An exception is thrown.
- D. Ten objects are created.

Answer: D

NEW QUESTION 3

Refer to the exhibit.

```
https://APIC_IP/api/class/11PhysIf.xml?query-target-filter=eq(11PhysIf.speed,"10G")
```

Which two statements are true about this API GET request to the ACI APIC? (Choose two.)

- A. The API call creates a new 10G interface in the APIC.
- B. The API call reads information from a managed object.
- C. The API response is encoded in JSON.
- D. The API call reads information from an object class.
- E. The API response is encoded in XML.

Answer: BE

NEW QUESTION 4

What is the default data encoding for the response output of the ACI APIC API inspector?

- A. CSV
- B. JSON
- C. XML
- D. YAML

Answer: B

NEW QUESTION 5

Refer to the exhibit.

```

from cobra.mit.access import MoDirectory
from cobra.mit.session import LoginSession
from cobra.model.pol import Uni
from cobra.model.fv import Tenant
from cobra.mit.request import ConfigRequest

uri = 'https://APIC_IP/'
user = 'APIC_USERNAME'
pw = 'APIC_PW'

ls = LoginSession (uri , user, pw)
md = MoDirectory(ls)
md.login ()

topMo = Uni(' ')

c = ConfigRequest()
c.addMo (fvTenant)
md.commit (c)

md.logout ()

```

The code should create a new tenant named Cisco via the Cobra SDK, which shows up after the execution of this script in the APIC dashboard. Which code must be inserted into the red box to create this tenant?

- A. fvTenant = NewTenant(name='Cisco')
- B. tenant = Tenant(topM
- C. name='Cisco')
- D. fvTenant = Tenant(topMo, name='Cisco')
- E. fvTenant = Tenant('Cisco')

Answer: C

NEW QUESTION 6

Refer to the exhibit.

```

switch(config)# telemetry
switch(config-telemetry)# sensor-group 100
switch(config-tm-sensor)# path sys/bgp depth 0
switch(config-tm-sensor)# destination-group 100
switch(config-tm-dest)# ip address 1.2.3.4 port 50003
switch(config-tm-dest)# subscription 100
switch(config-tm-sub)# snsr-grp 100 sample-interval 50000
switch(config-tm-sub)# dst-grp 100

```

How often is the subscription stream for sys/bgp going to be sent?

- A. 5 sec
- B. 5 msec
- C. 5000 sec
- D. 5 min

Answer: A

NEW QUESTION 7

Which action allows Docker daemon persistence during switchover on the Cisco Nexus 9500 Series Switches running Cisco NX-OS?

- A. Change the Docker configuration to include the live restore option.
- B. Copy the dockerpart file manually to the standby supervisor after performing the switchover.
- C. Copy the dockerpart file manually to the standby supervisor before performing the switchover.
- D. The system takes automatic action.

Answer: C

NEW QUESTION 8

Using the NX-API CLI JSON-RPC interface, which two Python data structure and requests call create an SVI? (Choose two.)

A.

```
requests.post(url, data=json.dumps(payload), headers={'content-type': 'application/json-rpc'}, auth=(username, password))
```

```
requests.post(url, data=json.dumps(payload), headers={'content-type': 'application/json'}, auth=(username, password))
```

B.

```
payload = {
  "jsonrpc": "2.0", "method": "cli_conf",
  "params": {
    "command": "conf t; interface vlan " + id,
    "version": 1},
  "id": 1
}
```

A.

```
payload = [
  {
    "jsonrpc": "2.0", "method": "cli",
    "params": {"cmd": "conf t", "version": 1},
    "id": 1
  },
  {
    "jsonrpc": "2.0", "method": "cli",
    "params": {"cmd": "interface vlan " + id, "version": 1},
    "id": 2
  }
]
```

B.

```
payload = {
  "jsonrpc": "2.0", "method": "cli_conf",
  "params": {"cmd": "interface vlan " + id, "version": 1},
  "id": 1
}
```

Answer: AD

NEW QUESTION 9

Refer to the exhibit.

```
switch#
switch#
switch#
switch# run bash
          ^
% Invalid command at "^" marker.
switch#
switch#
```

Which configuration change command must be run on the Cisco NX-OS device to make this command work?

- A. enable bash-shell
- B. bash-shell enable
- C. service bash-shell
- D. feature bash-shell

Answer: D

NEW QUESTION 10

What are two differences between SNMP and model-driven telemetry? (Choose two.)

- A. SNMP uses a continuous stream model.
- B. SNMP uses a push model.
- C. SNMP uses a pull model.
- D. Model-driven telemetry uses a pull model.
- E. Model-driven telemetry uses a push model.

Answer: CE

NEW QUESTION 10

Refer to the exhibit.

```
1 from ucsm.sdk.ucshandle import UcsHandle
2 from ucsm.sdk.mometa.fabric.FabricVlan import FabricVlan
3
4 handle = UcsHandle("corpucsm.example.com", "admin", "MySecretPassword")
5 handle.login()
6
7 fabric_lan_dn = handle.query_dn("fabric/lan")
8 newvlan = FabricVlan(parent_mo_or_dn=fabric_lan_dn,
9                       name="vlan10",
10                      id="10")
11
12 handle.add_mo(newvlan)
13
14 handle.logout()
```

Which change allows the code to configure VLAN 10 in the Cisco UCS?

- A. Lines 8 and 9 should have a line continuation \ at the end.
- B. Line 13 should include "handle.commit()".
- C. Line 4 should include transport 443 option.
- D. Line 3 should add an import for query_dn.

Answer: C

NEW QUESTION 15

Refer to the exhibit.

```
1 ---
2 # Playbook: VLAN configuration using the [ucs] hosts group
3 - hosts: ucs
4   connection: local
5   gather_facts: no
6   tasks:
7     - name: Configure VLAN
8
9       hostname: "{{ ucs_hostname }}"
10      username: "{{ ucs_username }}"
11      password: "{{ ucs_password }}"
12      state: "{{ ucs_state }}"
13      name: vlan10
14      id: '10'
15      native: 'no'
```

Which Ansible module is needed in line 8 to create a new VLAN 10 on the hosts defined in the "ucs" group?

- A. vlan
- B. ucs_vlans
- C. vlans
- D. nxos_vlans

Answer: B

NEW QUESTION 16

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