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Vendor:Cisco

Exam Code:300-635

Exam Name:Automating and Programming Cisco
Data Center Solutions (DCAUTO)

Version:Demo

QUESTION 1

DRAG DROP

Drag and drop the requirements from the left that are needed to leverage POAP in an Open Cisco NX- OS environment onto the right. Not all options are used.

Select and Place:

	requirements to leverage POAP in an Open NX-OS environment
admin password for the switches	
DHCP server to provide interface settings	
TFTP server with the configuration script	
FTP server with the configuration script	
file server with necessary config files	

Correct Answer:

	requirements to leverage POAP in an Open NX-OS environment
admin password for the switches	DHCP server to provide interface settings
	TFTP server with the configuration script
	file server with necessary config files
FTP server with the configuration script	

QUESTION 2

Which two methods can you use to implement in-band management access to a Cisco APIC? (Choose two.)

- A. REST API
- B. FTP

- C. ZTP
- D. GUI
- E. POAP

Correct Answer: AD

QUESTION 3

Which two bootstrap technologies are supported by Cisco NX-OS platforms? (Choose two.)

- A. iPXE
- B. PNP
- C. POAP
- D. BOOTP
- E. DHCP

Correct Answer: CE

QUESTION 4

An engineer is implementing a Cisco Nexus switch. Which command executes an Ansible playbook called n9k.yml?

- A. ansible-playbook n9k.yml
- B. ansible-playbook -f n9k.yml -run now
- C. ansible-playbook -f n9k.yml
- D. ansible-playbook -f N9K.yml

Correct Answer: A

QUESTION 5

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

Correct Answer: B

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

QUESTION 6

Which step must be taken to enable the REST API browser within Cisco UCS Director?

- A. Edit the user profile and enable developer options.
- B. Raise a case with TAC.
- C. The REST API browser is automatically enabled in Cisco UCS Director when a Power User is created.
- D. Log in as the user "REST".

Correct Answer: A

QUESTION 7

Which Python code creates a VRF in an ACI tenant using the Cobra SDK?

- A. `Vrf(fvTenant(uniMo, '\\CustA\\'), '\\CustA_VRF\\')`
- B. `Ctx(Tenant(uniMo, '\\CustA\\'), '\\CustA_VRF\\')`
- C. `Vrf(Tenant(uniMo, '\\CustA\\'), '\\CustA_VRF\\')`
- D. `Ctx(fvTenant(uniMo, '\\CustA\\'), '\\CustA_VRF\\')`

Correct Answer: B

Reference:

<https://community.cisco.com/t5/networking-blogs/learning-aci-programming-the-aci-fabric/ba-p/3659518>

QUESTION 8

Which programming language are the Cisco UCS Director custom workflow tasks written in?

- A. C++
- B. Python
- C. Java
- D. Cloupia Script

Correct Answer: B

QUESTION 9

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.

Correct Answer: CE

https://aci-prog-lab.ciscolive.com/lab/pod9/api/api_tree

QUESTION 10

Refer to the exhibit.

```
1 dnQuery = DnQuery('uni/tn-companyXYZ')
2 dnQuery.subtree = 'parent'
3 tenantMo = moDir.query(dnQuery)
4 defaultBDMo = tenantMo.BD['default']
```

Which action fixes the code to access a child managed object?

A. Delete line 2.

B. Change dnQuery to classQuery in line 1.

C. Move line 2 to the last line.

D. Change parent to children in line 2.

Correct Answer: D

QUESTION 11

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

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

```
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
    }
]
```
- E.

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

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Correct Answer: AD

QUESTION 12

Which two Cisco UCS components require drivers?

- A. FNIC
- B. BIOS
- C. CIMC
- D. board controller
- E. ENIC

Correct Answer: AE