300-635 ^{Q&As}

Automating and Programming Cisco Data Center Solutions (DCAUTO)

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QUESTION 1

Which Ansible playbook creates a new VLAN 10 named Web?

A.
```
- name: Provision VLAN
  hosts: accessswitches
  gather_facts: no

  vars:
   nxos_provider:
   username: "{{ un }}"
   password: "{{ pwd }}"

  tasks:
   - name: Create VLAN And Assign A Name
     nxos_vlan:
       vlan_id: 10
       name: Web
       provider: "{{nxos_provider}}"
```

B.
```
- name: Provision VLAN
  hosts: accessswitches
  gather_facts: no

  vars:
   nxos_provider:
   username: "{{ un }}"
   password: "{{ pwd }}"
   transport: nxapi
   host: "{{ inventory_hostname }}"

  tasks:
   - name: Create VLAN And Assign A Name
     vlan_id: 10
     name: Web
     provider: "{{nxos_provider}}"
```

C.
```
- name: Provision VLAN
  hosts: accessswitches
  gather_facts: no

  vars:
   nxos_provider:
   username: "{{ un }}"
   password: "{{ pwd }}"
   transport: nxapi
   host: "{{ inventory_hostname }}"

  tasks:
   - name: Create VLAN And Assign A Name
     nxos_vlan:
       interfaces: vlan-10
       name: Web
```

D.
```
- name: Provision VLAN
  hosts: accessswitches
  gather_facts: no

  vars:
   nxos_provider:
   username: "{{ un }}"
   password: "{{ pwd }}"
   transport: nxapi
   host: "{{ inventory_hostname }}"

  tasks:
   - name: Create VLAN And Assign A Name
     nxos_vlan:
       vlan_id: 10
       name: Web
       provider: "{{nxos_provider}}"
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

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

---

QUESTION 2

Refer to the exhibit.

```
from acitoolkit.acitoolkit import (
    AppProfile, BridgeDomain, Context,
    EPG, Session, Subnet, Tenant
)


def create_tenant():
    session = Session(
        "https://apic", "admin", "ciscopsdt"
    )
    session. login()
    my_tenant = Tenant("DevNet_Tenant")
    my_vrf = Context("DevNet_VRF", my_tenant)
    my_bd = BridgeDomain("DevNet_BD", my_tenant)
    my_bd.add_context(my_vrf)
    my_subnet = Subnet("DevNet_Subnet", my_bd)
    my_subnet.set_scope("public")
    my_subnet.set_addr("10.10.10.1/24")
    my_app = AppProfile("DevNet_App", my_tenant)
    my_epg = EPG("DevNet_EPG", my_app)
    my_epg.add_bd(my_bd)
    session.push_to_apic(
        my_tenant.get_url(),
        my_tenant.get_json())

if __name__ == '__main create__':
    create_tenant()
```

Which two actions does this Python code perform with the Cisco ACI? (Choose two.)

A. It creates a subnet "DevNet_Subnet" inside VRF "DevNet_VRF" located in ACI tenant "DevNet_Tenant" and sets the scope to "private".

B. It creates a subnet "DevNet_Subnet" inside AppProfile "DevNet_App" located in ACI tenant "DevNet_Tenant" and sets the network address to "10.10.10.1/24".

C. It creates an EPG "DevNet_EPG" inside AppProfile "DevNet_App" located in ACI tenant "DevNet_Tenant" and link

the EPG with BridgeDomain "DevNet_BD".

D. It creates a subnet "DevNet_Subnet" inside VRF "DevNet_VRF" located in ACI tenant "DevNet_Tenant" and sets the network address to "10.10.10.1/24".

E. It creates an EPG "DevNet_EPG" inside VRF "DevNet_VRF" located in ACI tenant "DevNet_Tenant" and link the EPG with BridgeDomain "DevNet_BD".

Correct Answer: CE

QUESTION 3

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 4

Which two HTTP methods are supported by the Cisco Nexus REST API? (Choose two)

A. PUT

B. POST

C. DELETE

D. UPDATE

E. CONNECT

Correct Answer: BC

QUESTION 5

DRAG DROP

Drag and drop the correct YAML components from the bottom onto the correct blanks within the Ansible playbook to create a new application profile called "DbApp" using the Ansible ACI module. Not all options are used.

Select and Place:

```
- name: Add a new AP

  ┌────────────────────────────────┐
  │                                │
  └────────────────────────────────┘

    host: apic
    username: admin
    password: SomeSecretPassword

    ┌──────────────────────────────┐
    │                              │
    └──────────────────────────────┘

    ┌──────────────────────────────┐
    │                              │
    └──────────────────────────────┘

    description: default ap

    ┌──────────────────────────────┐
    │                              │
    └──────────────────────────────┘
```

tenant_name: MyCompany	app_name: DbApp
ap: DbApp	state: present
application_name: DbApp	aci_ap:
tenant: MyCompany	state: query

Correct Answer:

```
- name: Add a new AP
    aci_ap:
      host: apic
      username: admin
      password: SomeSecretPassword
      tenant: MyCompany
      ap: DbApp
      description: default ap
      state: present
```

tenant_name: MyCompany	app_name: DbApp
application_name: DbApp	state: query