

➤ **Vendor: Cisco**

➤ **Exam Code: 300-635**

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

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QUESTION 45

Which two items are types of application isolation options available when Kubernetes is deployed with the ACI CNI plug-in? (Choose two.)

- A. VM Isolation
- B. Cluster Isolation
- C. Server Isolation
- D. Process Isolation
- E. Namespace Isolation

Answer: BE

QUESTION 46

Which two components are attributes of an ACI MIT managed object? (Choose two.)

- A. MO
- B. RN
- C. UNI
- D. DN
- E. URL

Answer: BD

QUESTION 47

How should the Kubernetes manifests be modified to allow Kubernetes environment integration with Cisco ACI?

- A. The metadata section must contain the Cisco APIC management IP.
- B. The manifest does not have to be changed, but the Kubernetes object is not discovered by Cisco ACI if this is not defined in the manifest.
- C. The manifests must include ACI EPG reference.
- D. No change is needed to perform this action.

Answer: D

QUESTION 48

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')`

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- C. Vrf(Tenant(uniMo, 'CustA'), 'CustA_VRF')
- D. Ctx(fvTenant(uniMo, 'CustA'), 'CustA_VRF')

Answer: B

QUESTION 49

Drag and Drop Question

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.

```

- 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

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
ap: DbApp
application_name: DbApp
tenant: MyCompany

app_name: DbApp
state: present
aci_ap:
state: query

Explanation:
https://docs.ansible.com/ansible/latest/modules/aci_ap_module.html

QUESTION 50
Refer to the exhibit. Which two actions does this Python code perform with the Cisco ACI? (Choose two.)

```
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_tenant()
```

- 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".

Answer: CD

QUESTION 51

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

QUESTION 52

Which Kubernetes container network interface provides intent-based networking from the same pane of glass that VMs and bare-metal servers are managed?

- A. ACI CNI plug-in
- B. Contiv CNI plug-in
- C. Ingress CNI plug-in
- D. Calico CNI plug-in

Answer: A

QUESTION 53

What is a key characteristic of an ACI policy model?

- A. Logical and concrete domains are separated.
- B. All configuration is carried out against concrete entities.
- C. It allows communications with newly connected devices.
- D. Network administrators configure logical and physical system resources directly.

Answer: A

QUESTION 54

Refer to the exhibit. 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.

```
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 ()
```

Which code must he inserted into the red box to create this tenant?

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

Answer: C

QUESTION 55

When should the API Inspector be used?

- A. to send an API request to the APIC
- B. to learn or identify the sequence of API calls for a specific operation in the APIC GUI
- C. to verify the XML structure of an object based on a specific operation in the APIC GUI
- D. to launch an Ansible playbook

Answer: C