

300-635^{Q&As}

Automating and Programming Cisco Data Center Solutions (DCAUTO)

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QUESTION 1

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 2

DRAG DROP

After a Cisco Nexus switch interface is enabled and in the up state, an engineer must automate the configuration of the interface descriptions using the EEM Python Module.

Drag and drop the steps the engineer must take from the left into the correct order on the right.

Select and Place:

event syslog pattern "IF_UP"	step 1
exit	step 2
event manager applet link monitor	step 3
conf t	step 4
action 1 cli command "source cdp_description.py"	step 5

Correct Answer:

	conf t
	event manager applet link monitor
	event syslog pattern "IF_UP"
	action 1 cli command "source cdp_description.py"
	exit

Reference: <https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/datamodels/configuration/xe-16/data-models-xe-16-book/python-scripting-for-eem.html>

QUESTION 3

Which iteration creates three EPGs in Cisco ACI using an Ansible task? Some required aci_epg task attributes have been omitted for brevity.

A.

```
aci_epg:  
  epg: "{{ item.epg }}"  
  loop:  
    - item epg:epg1  
    - item epg:epg2  
    - item epg:epg3
```

B.

```
aci_epg:  
  epg: "{{ item.epg }}"  
  loop:  
    - epg:epg1  
    - epg:epg2  
    - epg:epg3
```

C.

```
aci_epg:  
  epg: "{{ item.epg }}"  
  loop:  
    item: "{{ epg1 }}"  
    item: "{{ epg2 }}"  
    item: "{{ epg3 }}"
```

D.

```
aci_epg:  
  epg: "{{ item.epg }}"  
  loop:  
    epg: "{{ epg1 }}"  
    epg: "{{ epg2 }}"  
    epg: "{{ epg3 }}"
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 4

Which two Cisco UCS components require drivers?

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

Correct Answer: AE

QUESTION 5

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

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

Correct Answer: BE

Reference : <https://cloud.google.com/kubernetes-engine/docs/concepts/multitenancy-overview>

QUESTION 6

DRAG DROP

A co-worker is using Cisco Intersight to determine the maximum available memory per server for their company's data center. Drag and drop the code to complete the Cisco Intersight API call that provides the desired results. Not all options are used.

Select and Place:

```
GET/api/v1/compute/RackUnits?$apply=groupby(( [ ] ),
aggregate(AvailableMemory with [ ] ))
```

max as MaxAvailableMemory Model

ServerType max = MaxAvailableMemory

Correct Answer:

```
GET/api/v1/compute/RackUnits?$apply=groupby(( Model ),
aggregate(AvailableMemory with max as MaxAvailableMemory ))
```

ServerType max = MaxAvailableMemory

QUESTION 7

Which management interface is selected by the Cisco APIC by default if an in band management interface and an out of band management interface exist?

- A. In-band is preferred
- B. The first configured interface is selected
- C. The interface that has the highest priority is selected
- D. Out-of band is preferred

Correct Answer: D

QUESTION 8

Which two statements apply to authentication when using the Cisco Intersight API? (Choose two.)

- A. Each API Key can be assigned specific roles but not privileges.
- B. Secret Key is only available at API Key creation time.
- C. An API Key is composed of a Key ID and Secret Key.

D. The user credentials for the cisco.com accounts are shared with the Cisco Intersight Web Service.

E. An API Key is composed of a keyId and sessionCookie.

Correct Answer: BD

Reference: <https://community.cisco.com/t5/data-center-documents/intersight-api-overview/ta-p/3651994>

QUESTION 9

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_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 10

What is a feature of model-driven telemetry?

- A. randomizes the data out of the network
- B. continuously streams data out of the network
- C. randomizes the data coming to the network
- D. continuously pulls data out of the network

Correct Answer: B

QUESTION 11

An engineer is implementing a Cisco Nexus 9000 Series Switch. To automate the configuration, which command enables Bash on a Cisco NX-OS?

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

Correct Answer: D

QUESTION 12

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

ap: DbApp

application_name: DbApp

tenant: MyCompany

app_name: DbApp

state: present

aci_ap:

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

QUESTION 13

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

Correct Answer: A

QUESTION 14

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

Correct Answer: AB

QUESTION 15

Refer to the exhibit.

```
Dn
--
sys/chassis-4/blade-1
sys/chassis-4/blade-3
sys/chassis-4/blade-5
sys/chassis-4/blade-7
sys/chassis-5/blade-1
```

Which two Cisco UCS PowerTool commands provide this output? (Choose two.)

- A. Get-UcsServer | Select-Object Dn
- B. Get-UcsRack Systems | Select-Object Dn
- C. Get-UcsBlade | Select-Object Dn
- D. Get-UcsRackUnit | Select-Object Dn
- E. Get-UcsSystems | Select-Object Dn

Correct Answer: AC

Reference:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/msft_tools/powertools/ucs_powertool_book/ucs_pwrtool_bk11.html

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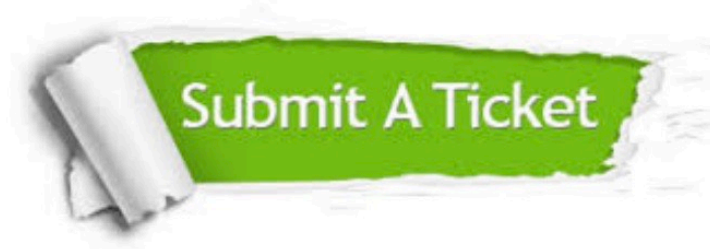
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