

# Cisco

## Exam Questions 300-635

Automating and Programming Cisco Data Center Solutions (DCAUTO)



**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**

A set of automation scripts work with no issue from a local machine, but an experiment needs to take place with a new package found online. How is this new package isolated from the main code base?

- A. Add the new package to your requirements.txt file.
- B. Create a new virtual machine and perform a pip install of the new package.
- C. Perform a pip install of the new package when logged into your local machine as root.
- D. Create a new virtual environment and perform a pip install of the new package.

**Answer:** D

**NEW QUESTION 3**

DRAG DROP

Drag and drop the code to complete an Ansible playbook that creates a new tenant. Not all options are used. Select and Place:

- A. Mastered
- B. Not Mastered

**Answer:** A

**NEW QUESTION 4**

Refer to the exhibit.

```
mo_dir = cobra.mit.access.MoDirectory(cobra.mit.session.LoginSession(apic_url, username, password))
mo_dir.login()
cq = cobra.mit.access.ClassQuery('fvCEp')
cq.subtree = 'full'
objlist = mo_dir.query(cq)
for mo in objlist:
    print "MAC: " + mo.mac + "|" + "IP: " mo.ip
```

Which action does the execution of this ACI Cobra Python code perform?

- A. It prints all LLDP neighbor MAC and IP addresses.
- B. It prints all Cisco Discovery Protocol neighbor MAC and IP addresses.
- C. It prints all endpoint MAC and IP addresses.
- D. It prints all APIC MAC and IP addresses.

**Answer:** C

**NEW QUESTION 5**

How is an ACI class name composed?

- A. :Method
- B. ClassName:Method
- C. Package:ClassName
- D. MitName:Method

**Answer:** C

**NEW QUESTION 6**

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

**NEW QUESTION 7**

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

**NEW QUESTION 8**

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

**NEW QUESTION 9**

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 10**

Which NX-API request queries the MAC address table?

A.

```
{
  "jsonrpc": "1.0",
  "method": "cli",
  "params": {
    "cmd": "show mac address-table",
    "version": 1
  },
  "id": 1
}
```

B.

```
{
  "jsonrpc": "2.0",
  "method": "cli",
  "params": {
    "command": "show mac address-table",
    "version": 1
  },
  "id": 1
}
```

C.

```
{
  "jsonrpc": "2.0",
  "method": "cli_show",
  "params": {
    "cmd": "show mac address-table",
    "version": 1
  },
  "id": 1
}
```

D.

```
{
  "jsonrpc": "2.0",
  "method": "cli",
  "params": {
    "cmd": "show mac address-table",
    "version": 1
  },
  "id": 1
}
```

Answer: D

**NEW QUESTION 10**

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

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

Answer: AC

**NEW QUESTION 13**

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 }}"
```

Answer: D

**NEW QUESTION 17**

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 19**

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

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

Answer: C

**NEW QUESTION 22**

DRAG DROP

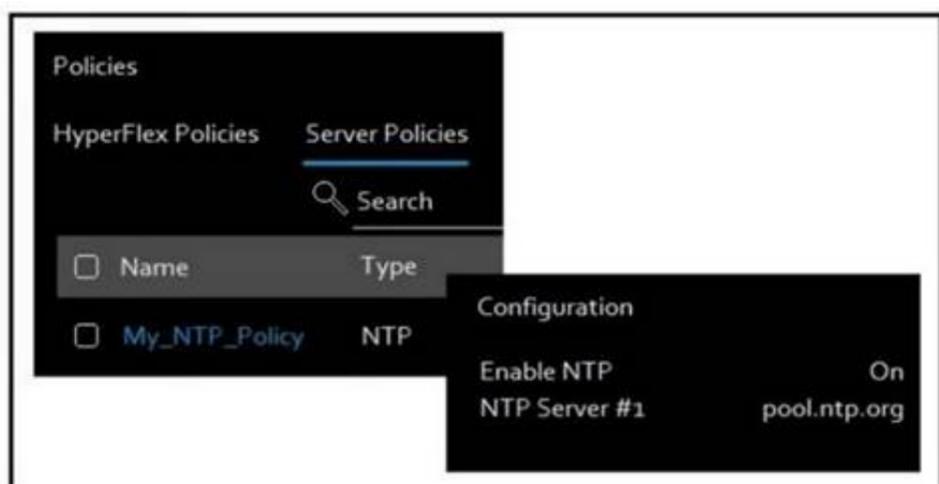
Drag and drop the items to complete the request to retrieve the current firmware of Cisco UCS devices from the Cisco Intersight API. Not all items are used. Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

**NEW QUESTION 27**

Refer to the exhibit.



Cisco Intersight has an NTP server policy called My\_NTP\_Policy configured that contains a single NTP server pool entry "pool.ntp.org". Which Cisco Intersight API call adds an additional NTP server (10.20.0.1) to the My\_NTP\_Policy server policy?

- A.

HTTP POST Method

URL: <https://intersight.com/api/v1/ntp/Policies/>

Bodytext:

```
{  
  "NtpServers": "10.20.0.1"  
}
```

B.

HTTP PATCH Method

URL: [https://intersight.com/api/v1/ntp/Policies/{My\\_NTP\\_Policy MOID}](https://intersight.com/api/v1/ntp/Policies/{My_NTP_Policy_MOID})

Bodytext:

```
{  
  "NtpServers": [  
    "pool.ntp.org",  
    "10.20.0.1"  
  ]  
}
```

C.

HTTP PUT Method

URL: <https://intersight.com/api/v1/ntp/Policies/>

Bodytext:

```
{  
  "NtpServers": [  
    "10.20.0.1"  
  ]  
}
```

D.

HTTP PATCH Method

URL: [https://intersight.com/api/v1/ntp/Policies/{My\\_NTP\\_Policy MOID}](https://intersight.com/api/v1/ntp/Policies/{My_NTP_Policy_MOID})

Bodytext:

```
{  
  "NtpServers": "10.20.0.1"  
}
```

Answer: B

NEW QUESTION 29

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