Cisco

Exam Questions 300-635

Automating and Programming Cisco Data Center Solutions (DCAUTO)

NEW QUESTION 1
DRAG DROP
A file named myfunc.py has been edited. Drag and drop the steps from the left that ensure that this file is committed to the local Git repository and verify its status into the correct order on the right. Not all options are used.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 2
What are two main guiding principles of REST? (Choose two.)

A. cacheable
B. trackable
C. stateless
D. single-layer system
E. stateful

Answer: AC

NEW QUESTION 3
How is an ACI class name composed?

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

Answer: C

NEW QUESTION 4

```
import requests

USER = "admin"
PASS = "password"
APIC = 'https://apic.supereats.com'

OPERATION = 'api/aaaLogin.json'
DATA = {"aaaUser": {"attributes": {"name":USER, "pwd":PASS}}}
RESPONSE = requests.post(APIC+OPERATION, json=DATA, verify=False)

TOKEN = RESPONSE.json()["imdata"][0]["aaaLogin"]["attributes"]["token"]
COOKIE = {'APIC-cookie': TOKEN}




OPERATION = 'api/aaaLogout.json'
DATA = {
    "aaaLogout": {
        "attributes": {
            "token":TOKEN
        }
    }
}
RESPONSE = requests.post(APIC+OPERATION, json=DATA, cookies.COOKIE, verify=False)
```

Which Python snippets create an application policy named OrderProcess that contains two application endpoint groups under Tenant SuperEats using direct calls to the ACI REST API? Assume that authentication and library imports are correct. A.

```
OPERATION = 'api/node/mo/uni.json'
DATA = {
    "FVTenant": {"attributes": {"name": "SuperEats"},
    "children": [{"FVAp": {"attributes": {"name": "OrderProcess"},
        "children": [
            {"FVAEPg": {"attributes": {"name": "app"}}},
            {"FVAEPg": {"attributes": {"name": "web"}}}
        ]}
    }
    ]}
}
RESPONSE = requests.post(APIC+OPERATION, json=DATA, cookies=COOKIE)
```

A.

```
OPERATION = 'api/node/mo/uni.json'
DATA = {
    "fvTenant": {"attributes": {"name": "SuperEats"},
    "children": [{"fvAp": {"attributes": {"name": "OrderProcess"},
        "children": [
            {"fvAEPg": {"attributes": {"name": "app"}}},
            {"fvAEPg": {"attributes": {"name": "web"}}}
            ]}
        }
    ]}
}
RESPONSE = requests.get(APIC+OPERATION, cookies=COOKIE)
```

B.
```
OPERATION = 'api/node/mo/uni.json'
DATA = {
    "fvTenant": {"attributes": {"rn": "SuperEats"},
    "children": [{"fvAp": {"attributes": {"rn": "OrderProcess"},
        "children": [
            {"fvAEPg": {"attributes": {"rn": "app"}}},
            {"fvAEPg": {"attributes": {"rn": "web"}}}
            ]}
        }
    ]}
}
RESPONSE = requests.post(APIC+OPERATION, json=DATA, cookies=COOKIE)
```

C.
```
OPERATION = 'api/node/mo/uni.json'
DATA = {
    "fvTenant": {"attributes": {"name": "SuperEats"},
    "children": [{"fvAp": {"attributes": {"name": "OrderProcess"},
        "children": [
            {"fvAEPg": {"attributes": {"name": "app"}}},
            {"fvAEPg": {"attributes": {"name": "web"}}}
            ]}
        }
    ]}
}
RESPONSE = requests.post(APIC+OPERATION, json=DATA, cookies=COOKIE)
```

Answer: D

NEW QUESTION 5
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 6
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

NEW QUESTION 7
DRAG DROP
Drag and drop the correct code snippets into the Python code to create a new application profile "WebApp" using the ACI REST API. Not all options are used.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 8
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:

A. Mastered
B. Not Mastered

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
Refer to the exhibit.

```
switch#
switch#
switch#
switch# run bash
              ^

% Invalid command at "^" marker.
switch#
switch#
```

Which configuration change command must be run on the Cisco NX-OS device to make this command work?

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

Answer: D

NEW QUESTION 10
When the Cisco bigmuddy-network-telemetry-collector from GitHub is used, which command displays only the message headers?

A. --print B.--all
B. --brief
C. --print-all

Answer: C

NEW QUESTION 14
Which Ansible playbook creates a new VLAN 10 named Web?

A.

```yaml
- 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.
```yaml
- 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.
```yaml
- 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 15
DRAG DROP
When a switch boots it does not find its startup-config file. Drag and drop the steps that Power-On Auto Provisioning goes through to configure the switch for remote management from the left into the correct order on the right. Not all options are used.
Select and Place:

DHCP assigns the switch an IP address, default gateway, and IP address that are tracked by the Domain Name System server.	step 1
The switch searches for a Domain Host Configuration Protocol service on the network.	step 2
The switch launches a container with Contiv.	step 3
POAP gets the IP address of a script server, downloads the correct script for the switch, and runs the script on the switch.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

DHCP assigns the switch an IP address, default gateway, and IP address that are tracked by the Domain Name System server.	The switch searches for a Domain Host Configuration Protocol service on the network.
The switch searches for a Domain Host Configuration Protocol service on the network.	DHCP assigns the switch an IP address, default gateway, and IP address that are tracked by the Domain Name System server.
The switch launches a container with Contiv.	POAP gets the IP address of a script server, downloads the correct script for the switch, and runs the script on the switch.
POAP gets the IP address of a script server, downloads the correct script for the switch, and runs the script on the switch.	

NEW QUESTION 18
Which two capabilities apply to the DCNM API? (Choose two.)

A. DCNM provides an XML-based SOAP API.
B. DCNM requires a license to use the API.
C. Some features of DCNM must be configured through the GUI.
D. All API operations can be performed using the DCNM GUI.
E. DCNM provides a REST-based API.

Answer: AE

NEW QUESTION 21
Which Cisco UCS PowerTool commands initiate a Cisco UCS Manager connection?

A.
```
$ucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
        "admin", $(SecureString -PlainText "MySecretPassword")

Connect-Ucs -Name myucsm.example.com -Credential $ucsm_creds
```

B.
```
$ucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
        -ArgumentList "admin", $(ConvertTo-SecureString -Force -AsPlainText "MySecretPassword")

Connect-Ucs -Name myucsm.example.com -Credential $ucsm_creds
```

C.
```
$ucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
        -ArgumentList username "admin", password:$(ConvertTo-SecureString "MySecretPassword")

Connect-Ucs -Name myucsm.example.com -Credential $ucsm_creds
```

D.
```
$ucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
        -ArgumentList $(ConvertTo-SecureString -Force -AsPlainText "admin:MySecretPassword")

Connect-Ucs -Name myucsm.example.com -Credential $ucsm_creds
```

Answer: B

NEW QUESTION 26
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

Answer: B

NEW QUESTION 27
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:

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 32
Which two components are required from the Cisco Intersight REST API Authentication? (Choose two.)

A. SHA256 hash of the message body and message headers.
B. SHA256 hash of the message body, including empty message bodies.
C. RSA private key with a key size of 2048.
D. RSA private key with a key size of 1024.
E. SHA384 hash of the message body, excluding empty message bodies.

Answer: AC

NEW QUESTION 35
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.

Answer: BC

NEW QUESTION 39
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