

Exam Questions 300-635

Automating and Programming Cisco Data Center Solutions (DCAUTO)

<https://www.2passeasy.com/dumps/300-635/>



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

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 3

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 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

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

NEW QUESTION 10

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

NEW QUESTION 10

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 11

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

NEW QUESTION 15

Refer to the exhibit.

```
switch(config)# telemetry
switch(config-telemetry)# sensor-group 100
switch(config-tm-sensor)# path sys/intf/phys-[eth1/1] depth 0
switch(config-tm-sensor)# destination-group 100
switch(config-tm-dest)# ip address 1.2.3.4 port 50004
switch(config-tm-dest)# ip address 1.2.3.4 port 50005
switch(config-tm-sensor)# destination-group 200
switch(config-tm-dest)# ip address 5.6.7.8 port 50001 protocol HTTP encoding JSON
switch(config-tm-dest)# ip address 1.4.8.2 port 50003
switch(config-tm-dest)# subscription 100
switch(config-tm-sub)# snsr-grp 100 sample-interval 10000
switch(config-tm-sub)# dst-grp 100
switch(config-tm-sub)# dst-grp 200
```

Where and how often does the subscription stream data for Ethernet port 1/1?

- A. to four different destinations every 10000 microseconds
- B. to four different destinations every 100 milliseconds
- C. to four different destinations every 10 seconds
- D. to four different destinations every 10000 seconds

Answer: C

NEW QUESTION 17

Which action allows Docker daemon persistence during switchover on the Cisco Nexus 9500 Series Switches running Cisco NX-OS?

- A. Change the Docker configuration to include the live restore option.
- B. Copy the dockerpart file manually to the standby supervisor after performing the switchover.
- C. Copy the dockerpart file manually to the standby supervisor before performing the switchover.
- D. The system takes automatic action.

Answer: C

NEW QUESTION 19

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 23

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

Answer: B

NEW QUESTION 25

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 30

What are two capabilities of the DCNM REST API? (Choose two.)

- A. uses the dcnm-token header for requests authentication after initial basic authentication
- B. uses basic authentication without encoding for username and password
- C. supports HTTP until release 11.0(1)
- D. uses bearer key authorization
- E. is separated into Classic LAN, LAN Fabric, Media Controller, and SAN Management categories

Answer: AE

NEW QUESTION 33

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 34

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

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

Answer: C

NEW QUESTION 37

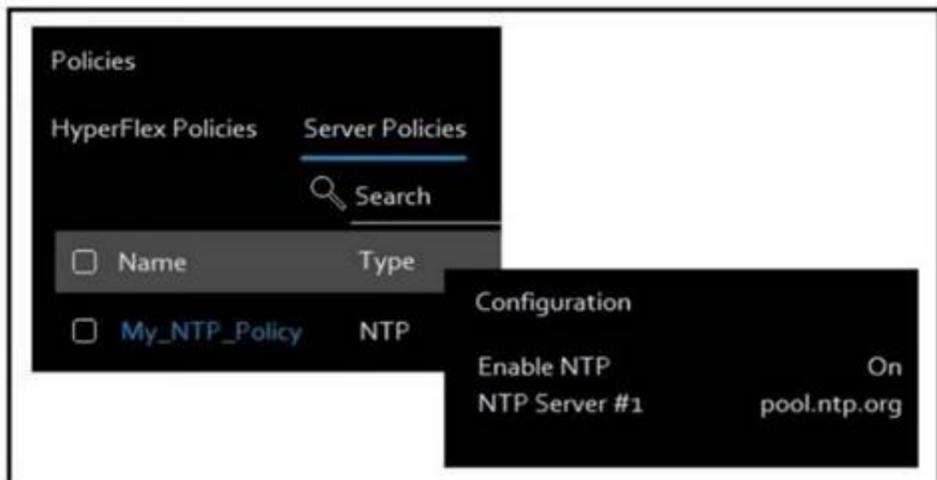
Which two statements apply to authentication when using the Cisco Intersight API? (Choose two.)

- 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 40

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}

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}

Bodytext:

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

Answer: B

NEW QUESTION 42

A server profile with the string "WEST15" in its name must have the string "WEST15" changed to "LXT14". For example, server profile "VMHOST-WEST15-01" would need to be changed to "VMHOST-LXT14-01".

Using the Cisco Intersight REST API in a Python script, which two GET API requests are used to retrieve just the server profile with the string "WEST15" in the name and the correct body for the API request to update the name? Assume the variable "sp_name" contains the name of the retrieved server profile. (Choose two.)

- A. GET [https://intersight.com/api/v1/server/Profiles?\\$select=Name&\\$filter=contains\(Name, 'WEST15'\)](https://intersight.com/api/v1/server/Profiles?$select=Name&$filter=contains(Name, 'WEST15'))
- B. GET [https://intersight.com/api/v1/server/Profiles?\\$select=Name&\\$filter=Name in\('WEST15'\)](https://intersight.com/api/v1/server/Profiles?$select=Name&$filter=Name in('WEST15'))
- C. BODY = { "Name": sp_name.format('WEST15', 'LXT14') }
- D. GET [https://intersight.com/api/v1/server/Profiles?\\$select=Name&\\$filter=startswith\(Name, 'WEST15'\)](https://intersight.com/api/v1/server/Profiles?$select=Name&$filter=startswith(Name, 'WEST15'))
- E. BODY = { "Name": sp_name.replace('WEST15', 'LXT14') }

Answer: AE

NEW QUESTION 44

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