

300-635 Dumps

Automating and Programming Cisco Data Center Solutions (DCAUTO)

<https://www.certleader.com/300-635-dumps.html>



NEW QUESTION 1

Which statement about synchronous and asynchronous API calls is true?

- A. Synchronous API calls wait to return until a response has been received.
- B. Synchronous communication is harder to follow and troubleshoot.
- C. Synchronous API calls must always use a proxy server.
- D. Asynchronous communication uses more overhead for client authentication.

Answer: C

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

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

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 5

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 6

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 7

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 8

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 9

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 10

Refer to the exhibit.

```
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(' ')

[REDACTED]

c = ConfigRequest()
c.addMo(fvTenant)
md.commit(c)

md.logout()
```

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

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

Answer: C

NEW QUESTION 10

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/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 19

Using the NX-API CLI JSON-RPC interface, which two Python data structure and requests call create an SVI? (Choose two.)

A.

```
requests.post(url, data=json.dumps(payload), headers={'content-type':
'application/json-rpc'},auth=(username, password))
```

```
requests.post(url, data=json.dumps(payload), headers={'content-type':
'application/json'},auth=(username, password))
```

B.

```
payload = {
    "jsonrpc": "2.0", "method": "cli_conf",
    "params": {
        "command": "conf t; interface vlan " + id,
        "version": 1},
    "id": 1
}
```

A.

```
payload = [
    {
        "jsonrpc": "2.0", "method": "cli",
        "params": {"cmd": "conf t", "version": 1},
        "id": 1
    },
    {
        "jsonrpc": "2.0", "method": "cli",
        "params": {"cmd": "interface vlan " + id, "version": 1},
        "id": 2
    }
]
```

B.

```
payload = {
    "jsonrpc": "2.0", "method": "cli_conf",
    "params": {"cmd": "interface vlan " + id, "version": 1},
    "id": 1
}
```

Answer: AD

NEW QUESTION 22

Refer to the exhibit.

Switch configuration	Ansible playbook
<pre>!Command: show running-config ! feature nxapi ! ip access-list allow_http_traffic 10 permit tcp any any eq www ! vrf context management ip route 0.0.0.0/0 192.168.151.2 ! interface mgmt0 ip address 192.168.251.129 255.255.255.0 vrf member management</pre>	<pre>--- - name: Vlan Provisioning hosts: nxos gather_facts: no vars: nxos_provider: username: "{{ un }}" password: "{{ pwd }}" transport: nxapi host: "{{ inventory_hostname }}" tasks: - name: CREATE VLANS AND ASSIGN A NAME, USING VLAN_ID nxos_vlan: vlan_id: "{{ item.vlan_id }}" name: "{{ item.name }}" provider: "{{ nxos_provider }}" with_items: - vlan_id: 2 name: Native - vlan_id: 15 name: Web - vlan_id: 20 name: App - vlan_id: 30 name: DB</pre>

Playbook output

```
$ ansible-playbook playbook.yml

PLAY [Vlan Provisioning]*****
*****

TASK [CREATE VLANS AND ASSIGN A NAME, USING VLAN_ID]*****
*****
failed: [192.168.251.129] (item={'vlan_id': 2, 'name': 'Native'}) => {"ansible_facts": {"discovered_interpreter_python": "/usr/bin/python"}, "ansible_loop_var": "item", "changed": false, "item": {"name": "Native", "vlan_id": 2}, "msg": "Request failed: <urlopen error [Errno 61] Connection refused>", "status": -1, "url": "http://192.168.251.129:80/ins")
```

The exhibit shows a Cisco NX-OS switch configuration, an Ansible playbook, and the output of running this playbook. The playbook failed due to error "msg" 'Request failed <urlopen error [Errno 61] Connection refused>', 'status' -1, "url" "http://192.168.251.129:80/ins". Which Cisco NX-OS configuration command resolves this failure?

- A. feature nxapi
- B. http-server enabled
- C. interface mgmt0; ip access-group allow_http_traffic in
- D. feature http

Answer: A

NEW QUESTION 27

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

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

Answer: AC

NEW QUESTION 29

Refer to the exhibit.


```
[admin@guestshell ~]$ pwd
/home/admin
[admin@guestshell ~]$
[admin@guestshell ~]$
[admin@guestshell ~]$ more deltacounter.py
#!/isan/bin/python

from cli import *
import sys, time

ifName = sys.argv[1]
delay = 2
count = 5
cmd = 'show interface ' + ifName + ' counters'

out = json.loads(clid(cmd))
rxuc = int(out['TABLE_rx_counters']['ROW_rx_counters'][0]['eth_inucast'])
rxmc = int(out['TABLE_rx_counters']['ROW_rx_counters'][1]['eth_inmcast'])
rxbc = int(out['TABLE_rx_counters']['ROW_rx_counters'][1]['eth_inbcast'])
txuc = int(out['TABLE_tx_counters']['ROW_tx_counters'][0]['eth_outucast'])
txmc = int(out['TABLE_tx_counters']['ROW_tx_counters'][1]['eth_outmcast'])
txbc = int(out['TABLE_tx_counters']['ROW_tx_counters'][1]['eth_outbcast'])
print ('row rx_ucast rx_mcast rx_bcast tx_ucast tx_mcast tx_bcast')
print ('=====')
print (' %8d %8d %8d %8d %8d %8d' % (rxuc, rxmc, rxbc, txuc, txmc, txbc))
print ('=====')

i = 0
while (i < count):
    time.sleep(delay)
    out = json.loads(clid(cmd))
    rxucNew = int(out['TABLE_rx_counters']['ROW_rx_counters'][0]['eth_inucast'])
    rxmcNew = int(out['TABLE_rx_counters']['ROW_rx_counters'][1]['eth_inmcast'])
    rxbcNew = int(out['TABLE_rx_counters']['ROW_rx_counters'][1]['eth_inbcast'])
    txucNew = int(out['TABLE_tx_counters']['ROW_tx_counters'][0]['eth_outucast'])
    txmcNew = int(out['TABLE_tx_counters']['ROW_tx_counters'][1]['eth_outmcast'])
    txbcNew = int(out['TABLE_tx_counters']['ROW_tx_counters'][1]['eth_outbcast'])
    i += 1
    print ('%-3d %8d %8d %8d %8d %8d' % \
        (i, rxucNew - rxuc, rxmcNew - rxmc, rxbcNew - rxbc, txucNew - txuc, txmcNew - txmc,
[admin@guestshell ~]$
```

The script is called deltacounters.py and it is currently inside a Guest Shell container running inside a Cisco NX-OS switch. Which Cisco NX-OS command results in a successful execution of this script?

- A. python /home/admin/bootflash:deltacounters.py ethernet1/1
- B. show python bootflash:deltacounters.py ethernet1/1
- C. guestshell run python /home/admin/deltacounter.py ethernet1/1
- D. guestshell execute python /home/admin/deltacounter.py ethernet1/1

Answer: C

NEW QUESTION 30

During the process of starting a Python network telemetry collector, which command starts the Cisco bigmuddy-network-telemetry-collector from GitHub?

- A. model driven telemetry
- B. telemetry_receiver.py --ip-address <addr> --port <port>
- C. telemetry_receiver.py --destination <port> --url <url>
- D. streaming telemetry

Answer: B

NEW QUESTION 35

What are two differences between SNMP and model-driven telemetry? (Choose two.)

- A. SNMP uses a continuous stream model.
- B. SNMP uses a push model.
- C. SNMP uses a pull model.
- D. Model-driven telemetry uses a pull model.
- E. Model-driven telemetry uses a push model.

Answer: CE

NEW QUESTION 37

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 38

Which procedure accesses the REST API browser within Cisco UCS Director?

- A. Send an HTTP GET request to [https://\[UCS Director IP\]/api/get_resources/](https://[UCS Director IP]/api/get_resources/).
- B. Log in as the user REST/user to access the REST API interface.
- C. Enable the Developer men
- D. Select Orchestration in the UI, then select the REST API browser tab.
- E. Select the API browser from the Cisco UCS Director End User Portal catalog of services.

Answer: C

NEW QUESTION 42

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 43

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 45

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