

## 300-635 Dumps

# Automating and Programming Cisco Data Center Solutions (DCAUTO)

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



**NEW QUESTION 1**

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 2**

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 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.

```
def add_tenant():
    token = apic_login.aaaLogin()
    for tenant in range (1,10):
        try:
            response = requests.post(
                url=constant.APIC_URL + "/api/node/mo/uni/tn-exam%s.json" % (tenant),
                headers={
                    "Cookie": "APIC-cookie=" + token,
                    "Content-Type": "application/json; charset=utf-8",
                },
                data=json.dumps({
                    "fvTenant": {
                        "attributes": {
                            "status": "created",
                            "dn": "uni/tn-exam%s" % (tenant),
                            "name": "exam%s" % (tenant),
                            "tn": "tn-exam%s" % (tenant)
                        },
                        "children": [
                        ]
                    }
                })
            )
            print("Response HTTP Status Code: {status_code}".format(
                status_code=response.status_code))
            print("Response HTTP Response Body: {content}".format(
                content=response.content))
        except requests.exceptions.RequestException:
            print("HTTP Request failed")
    add_tenant()
```

Assuming a new ACI instance, what is the result when this script is run?

- A. Ten objects are created and subsequently deleted.
- B. Nine objects are created.
- C. An exception is thrown.
- D. Ten objects are created.

**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

Which Python code creates a VRF in an ACI tenant using the Cobra SDK?

- A. Vrf(fvTenant(uniMo, 'CustA'), 'CustA\_VRF')
- B. Ctx(Tenant(uniMo, 'CustA'), 'CustA\_VRF')
- C. Vrf(Tenant(uniMo, 'CustA'), 'CustA\_VRF')
- D. Ctx(fvTenant(uniMo, 'CustA'), 'CustA\_VRF')

**Answer:** B

#### 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

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 9

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 10

What is the network bootstrap program used by Cisco NX-OS iPX?

- A. NETBOOT
- B. NX-OS iPX
- C. iPX-POAP
- D. Mini-OS

**Answer:** A

#### NEW QUESTION 10

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 12

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 13

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 14

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 19

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

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

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

#### NEW QUESTION 22

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 23**

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 24

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

**Answer:** AC

#### NEW QUESTION 27

What is a description of a Cisco UCS Director script module?

- A. function to convert internal workflow tasks into Python scripts
- B. place to store custom workflow scripts, jars, and custom lists of values for use in custom workflow tasks
- C. place to store external scripts that are not related to Cisco UCS Director
- D. place to store imported scripts, Bash, and custom Python code for use in custom workflow tasks

**Answer:** B

#### NEW QUESTION 31

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 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 36

Which authentication method is used when the REST API of the Cisco UCS Director is accessed?

- A. Bearer ((Bearer Token))
- B. HTTP Basic Auth
- C. RestAuth: ((User's Auth Token))
- D. X-Cloupia-Request-Key: ((User's Auth Token))

**Answer:** B

#### NEW QUESTION 38

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 43

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 48

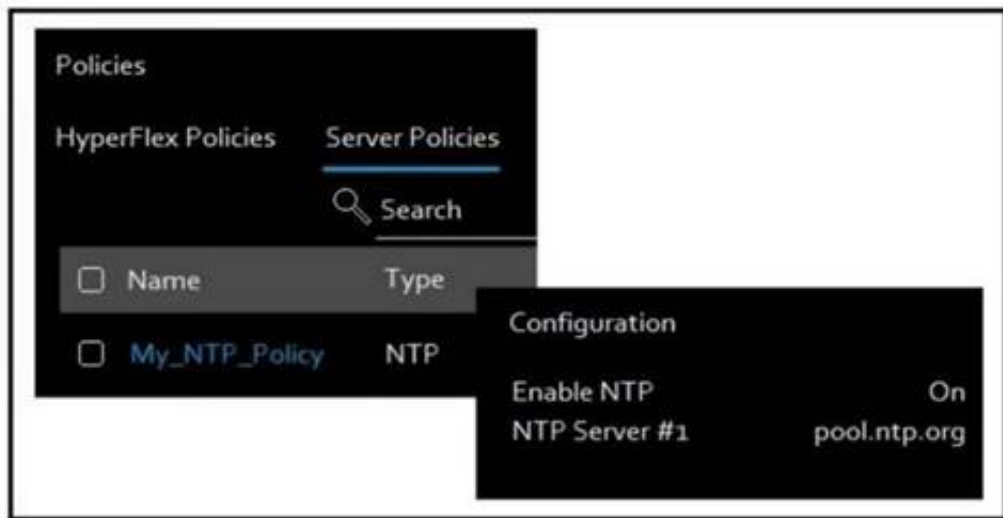
Which two components are required from the Cisco Intersight REST API Authentication? (Choose two.)

- 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 51

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 55**

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