

**100%** Money Back  
**Guarantee**

**Vendor:**Cisco

**Exam Code:**300-635

**Exam Name:**Automating and Programming Cisco  
Data Center Solutions (DCAUTO)

**Version:**Demo

**QUESTION 1**

Which Ansible playbook fragment returns the fewest queried ACI endpoint groups?

A.

```
- name: GET EPGs
aci_epg:
  host: "{{ inventory_hostname }}"
  username: "{{ username }}"
  password: "{{ password }}"
  validate_certs: no
  state: query
```

B.

```
- name: GET EPGs
aci_epg:
  host: "{{ inventory_hostname }}"
  username: "{{ username }}"
  password: "{{ password }}"
  validate_certs: no
  tenant: prod_tenant
  state: query
  ap: internet
```

C.

```
- name: GET EPGs
aci_epg:
  host: "{{ inventory_hostname }}"
  username: "{{ username }}"
  password: "{{ password }}"
  validate_certs: no
  tenant: prod_tenant
  state: query
  epg: web
```

D.

```
- name: GET EPGs
aci_epg:
  host: "{{ inventory_hostname }}"
  username: "{{ username }}"
  password: "{{ password }}"
  validate_certs: no
  tenant: prod_tenant
  state: query
  ap: internet
  epg: web
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

Reference: [https://docs.ansible.com/ansible/latest/modules/aci\\_epg\\_module.html](https://docs.ansible.com/ansible/latest/modules/aci_epg_module.html)

---

## **QUESTION 2**

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

A. C++

B. Python

C. Java

D. Cloupia Script

Correct Answer: B

---

## **QUESTION 3**

Which Cisco UCS PowerTool commands initiate a Cisco UCS Manager connection?

- A. 

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    "admin", $(SecureString -PlainText "MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```
- B. 

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    -ArgumentList "admin", $(ConvertTo-SecureString -Force -AsPlainText "MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```
- C. 

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    -ArgumentList username "admin", password:$(ConvertTo-SecureString "MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```
- D. 

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    -ArgumentList $(ConvertTo-SecureString -Force -AsPlainText "admin:MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

Reference: <https://blogs.cisco.com/developer/cisco-ucs-automation-part2-a-step-by-step-guide-to-connecting-and-disconnecting-using-ucs-powertool>

---

#### QUESTION 4

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

A. --print

B. --all

C. --brief

D. --print-all

Correct Answer: C

Reference: <https://github.com/cisco/bigmuddy-network-telemetry-collector>

---

### QUESTION 5

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
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

NXOS Sandbox

---

## QUESTION 6

How is an ACI class name composed?

A. :Method

B. ClassName:Method

C. Package:ClassName

D. MitName:Method

Correct Answer: C

Reference:

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest\\_cfg/2\\_1\\_x/b\\_Cisco\\_APIC\\_REST\\_API\\_Configuration\\_Guide/b\\_Cisco\\_APIC\\_REST\\_API\\_Configuration\\_Guide\\_chapter\\_01.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest_cfg/2_1_x/b_Cisco_APIC_REST_API_Configuration_Guide/b_Cisco_APIC_REST_API_Configuration_Guide_chapter_01.html)

---

### QUESTION 7

Which two items are types of application isolation options available when Kubernetes is deployed with the ACI CNI plugin? (Choose two.)

A. VM Isolation

B. Cluster Isolation

C. Server Isolation

D. Process Isolation

E. Namespace Isolation

Correct Answer: BE

Reference : <https://cloud.google.com/kubernetes-engine/docs/concepts/multitenancy-overview>

---

### QUESTION 8

What must be configured to allow SNMP traffic on ACI switches?

A. an out-of-band contract

B. an out-of-band management interface

C. SNMP relay Policy

D. an out-of-band bridge domain

Correct Answer: A

---

### QUESTION 9

Refer to the exhibit.



<pre># Intersight # REST API Operations rackunit_json_body = {     "request_method": "GET",     "resource_path": [ </pre>	<pre>Query Results {   "ObjectType": "compute.RackUnit.List",   "Results": [     {       "AssetTag": "DMZ-R-L2-ADJM",       "ClassId": "compute.RackUnit",       "DeviceMoid": "5e21ebc96f72612d30cd32f3",       "Model": "UCSC-C240-M4SX",       "Moid": "5e21ebc6178752d31b196c0",       "ObjectType": "compute.RackUnit"     }   ] }</pre>
<pre>    ]   } }  firmware_json_body = {   "request_method": "POST",   "resource_path": "https://www.intersight.com/api/v1/firmware/Upgrades",   "request_body": {     "DirectDownload": {},     "NetworkShare": {       "MsgType": "www",       "UpgradeOption": "nw_upgrade_full",       "HttpServer": {         "LocationLink": "http://10.1.1.10/ucs-c240m4-huu-4.0.2h.iso"       }     }   },   "UpgradeType": "network_upgrade",   "Server": "" }  RESPONSE = requests.request(   method=rackunit_json_body['request_method'],   url=rackunit_json_body['resource_path'],   auth=AUTH )  </pre>	<pre> </pre>
<pre>RESPONSE = requests.request(   method=firmware_json_body['request_method'],   url=firmware_json_body['resource_path'],   data=json.dumps(firmware_json_body['request_body']),   auth=AUTH ) </pre>	

Refer to the exhibit above and click on the resource tabs in the top left corner to view resources to help with this question. An engineer is creating a Python script to update the firmware on a specific Cisco UCS rack server that is managed by Cisco Intersight. The script uses the Cisco Intersight REST API. The value of the `resource_path` key in the `rackunitJson_body` Python dictionary retrieves the server with the `AssetTag` `DMZ-R-L2-ADJM`. The `AssetTag` is assigned to only one server. The value of the `Server` key must be set in the `firmware Json_body` Python dictionary with a value from the query result. Which two Python statements, a GET request and a dictionary update, are required to complete the code? (Choose two.)

- A. 

```
"https://www.intersight.com/api/v1/" +
"compute/RackUnits?$select=DeviceMoId,Model,AssetTag& +
"$filter=AssetTag+contains('DMZ-R-L2-ADJM')"
```
- B. 

```
"https://www.intersight.com/api/v1/" +
"compute/RackUnits?$select=DeviceMoId,Model,AssetTag&" +
"$filter=AssetTag eq 'DMZ-R-L2-ADJM'"
```
- C. 

```
firmware_json_body['request_body']['Server'] = (
    json.loads(RESPONSE.text) ['Results'] [0] ['DeviceMoId']
)
```
- D. 

```
firmware_json_body['request_body']['Server'] = (
    json.loads(RESPONSE.text) ['Results'] [0] ['AssetTag']
)
```
- E. 

```
firmware_json_body['request_body']['Server'] = (
    json.loads(RESPONSE.text) ['Results'] [0] ['Moid']
)
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Correct Answer: BD

---

#### QUESTION 10

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.

Correct Answer: BD

Reference: <https://community.cisco.com/t5/data-center-documents/intersight-api-overview/ta-p/3651994>

---

#### **QUESTION 11**

An engineer is implementing a Cisco Nexus 9000 Series Switch. To automate the configuration, which command enables Bash on a Cisco NX-OS?

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

Correct Answer: D

---

#### **QUESTION 12**

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

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

Correct Answer: CD