

## Exam Questions 300-635

Automating and Programming Cisco Data Center Solutions (DCAUTO)

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



#### 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

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 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.

```
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 5

```
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 6

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 7

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 8

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 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

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

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 13

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 15

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 16

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

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 23

Which step must be taken to enable the REST API browser within Cisco UCS Director?

- A. Edit the user profile and enable developer options.

- B. Raise a case with TAC.
- C. The REST API browser is automatically enabled in Cisco UCS Director when a Power User is created.
- D. Log in as the user "REST".

**Answer:** A

#### NEW QUESTION 25

Refer to the exhibit.

```

1  from ucsmsdk.ucshandle import UcsHandle
2  from ucsmsdk.mometa.fabric.FabricVlan import FabricVlan
3
4  handle = UcsHandle("corpucsm.example.com", "admin", "MySecretPassword")
5  handle.login()
6
7  fabric_lan_dn = handle.query_dn("fabric/lan")
8  newvlan = FabricVlan(parent_mo_or_dn=fabric_lan_dn,
9                        name="vlan10",
10                       id="10")
11
12  handle.add_mo(newvlan)
13
14  handle.logout()

```

Which change allows the code to configure VLAN 10 in the Cisco UCS?

- A. Lines 8 and 9 should have a line continuation \ at the end.
- B. Line 13 should include "handle.commit()".
- C. Line 4 should include transport 443 option.
- D. Line 3 should add an import for query\_dn.

**Answer:** C

#### 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.

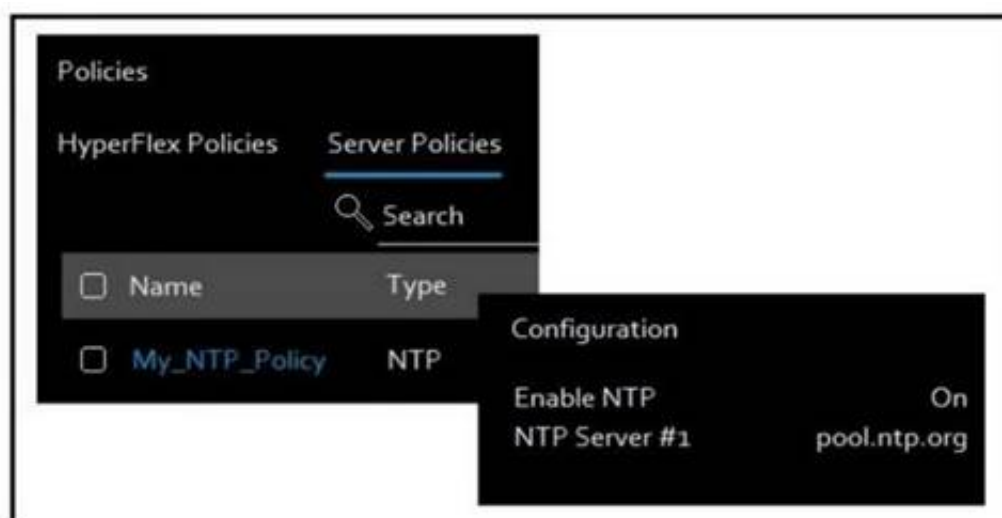
Select and Place:

- A. Mastered
- B. Not Mastered

**Answer:** A

#### NEW QUESTION 32

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.

#### HTTF PATCH Method

URL: [https://intersight.com/api/v1/ntp/Policies/{My\\_NTP\\_PolicyMOID}](https://intersight.com/api/v1/ntp/Policies/{My_NTP_PolicyMOID})

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\\_PolicyMOID}](https://intersight.com/api/v1/ntp/Policies/{My_NTP_PolicyMOID})

Bodytext:

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

Answer: B

NEW QUESTION 35

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