



# 300-635<sup>Q&As</sup>

Automating and Programming Cisco Data Center Solutions (DCAUTO)

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**QUESTION 1**

Which tool can you use to convert XML/JSON REST code to Python code?

- A. Postman
- B. Cobra
- C. Arya
- D. API Inspector

Correct Answer: C

**QUESTION 2**

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:

<code>git add .</code>	step 1
<code>git add</code>	step 2
<code>git status</code>	step 3
<code>git commit -m "new function"</code>	
<code>git commit -msg "new function"</code>	

Correct Answer:



Reference: [https://readwrite.com/2013/10/02/github-for-beginners-part-2/?\\_\\_cf\\_chl\\_jschl\\_tk\\_\\_=e918efffa2ee8aeb3abb1b5617f66d8987836398-1586068682-0-AeVy3GS0NA9UH\\_pJsYAvz5KnFusbLBBmjSd0ZXoAUXHjnyZwLG\\_SCEEnegStx1xJaR0Y6a0Nbq13x0Q62s9J\\_soJUIEE2maoAUc7y3AsMTLw9XmyIMX0lszsWwM0Poi5zYE26UF1vcFtFM8l\\_frNE9Nmrjfdb6YRQ8D4iURVdQ2QbphQr8qLJ\\_8JcZlaqfKIMgvXxUwqHI9i8pyW3yhne34kYZtye\\_pSC25ZPU3rQXXtkfOY0hRote1eJoT81LvqJ69hGUvIYv9DGMBwTTk24EwNaBbjCjPLj8IKUZaJZzaOfh\\_ADJ44fCDYs5YAJ11HOS-BeS9jFQ89h2dOpajnYIcKae2Y8MsNtGI97g-XeMm-yG6I8bR0A392YT\\_1f8w](https://readwrite.com/2013/10/02/github-for-beginners-part-2/?__cf_chl_jschl_tk__=e918efffa2ee8aeb3abb1b5617f66d8987836398-1586068682-0-AeVy3GS0NA9UH_pJsYAvz5KnFusbLBBmjSd0ZXoAUXHjnyZwLG_SCEEnegStx1xJaR0Y6a0Nbq13x0Q62s9J_soJUIEE2maoAUc7y3AsMTLw9XmyIMX0lszsWwM0Poi5zYE26UF1vcFtFM8l_frNE9Nmrjfdb6YRQ8D4iURVdQ2QbphQr8qLJ_8JcZlaqfKIMgvXxUwqHI9i8pyW3yhne34kYZtye_pSC25ZPU3rQXXtkfOY0hRote1eJoT81LvqJ69hGUvIYv9DGMBwTTk24EwNaBbjCjPLj8IKUZaJZzaOfh_ADJ44fCDYs5YAJ11HOS-BeS9jFQ89h2dOpajnYIcKae2Y8MsNtGI97g-XeMm-yG6I8bR0A392YT_1f8w)

### QUESTION 3

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

### QUESTION 4

Which two initial actions should be taken when exploring automation capabilities for ACI? (Choose Two)

- A. Write scripts that leverage the Python Standard Library
- B. Look for an open-source package or SDK
- C. Use the API Inspector and test API Calls



- D. Develop an open-source package or SDK
- E. Use the ncclient command to explore the NETCONF capabilities

Correct Answer: BC

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#### QUESTION 5

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".

Correct Answer: A

---

#### QUESTION 6

Refer to the exhibit.

```
from cobra.mit.access import MoDirectory
from cobra.mit.session import LoginSession

uri = 'https://APIC_IP/'
user = 'APIC_USERNAME'
pw = 'APIC_PW'

ls = LoginSession(uri, user, pw)
md = MoDirectory(ls)
md.login()

list = md.lookupByClass('fvAp')

for element in list:
    print(str(element.dn))

md.logout()
```

A Python script using ACI Cobra SDK has been constructed. What is the result when running this script?

- A. It prints out the relative name of all application profiles.
- B. It prints out the distinguished name of all application profiles.
- C. It prints out the distinguished name of all tenants.
- D. It prints out the relative name of all tenants.

Correct Answer: B

---

**QUESTION 7**

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\\)`

Correct Answer: B

Reference:

<https://community.cisco.com/t5/networking-blogs/learning-aci-programming-the-aci-fabric/ba-p/3659518>

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**QUESTION 8**

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

Correct Answer: B

---

**QUESTION 9**

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.

Correct Answer: CE

Reference:

<https://blogs.cisco.com/developer/its-time-to-move-away-from-snmp-and-cli-and-use-model-driventelemetry#:~:text=SN>

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MP%20uses%20the%20pull%20model%20when%20retrieving%20data%20from%20a%20switch.andtext=SNMP%20al  
so%20uses%20push%20model,limits%20like%20scale%20and%20efficiency.

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#### QUESTION 10

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

Correct Answer: BE

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

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#### QUESTION 11

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:



```
- name: Add a new AP

  host: apic
  username: admin
  password: SomeSecretPassword


  description: default ap

```

tenant\_name: MyCompany

ap: DbApp

application\_name: DbApp

tenant: MyCompany

app\_name: DbApp

state: present

aci\_ap:

state: query

Correct Answer:



```
- name: Add a new AP
```

```
aci_ap:
```

```
host: apic
```

```
username: admin
```

```
password: SomeSecretPassword
```

```
tenant: MyCompany
```

```
ap: DbApp
```

```
description: default ap
```

```
state: present
```

```
tenant_name: MyCompany
```

```
app_name: DbApp
```

```
application_name: DbApp
```

```
state: query
```

## QUESTION 12

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

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### QUESTION 13

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?$select=Nameand$filter=contains(Name, \\WEST15\\)`
- B. GET `https://intersight.com/api/v1/server/Profiles?$select=Nameand$filter=Name in(\\WEST15\\)`
- C. BODY = { "Name": sp\_name.format(\\WEST15\\, \\LXT14\\) }
- D. GET `https://intersight.com/api/v1/server/Profiles?$select=Nameand$filter=startswith(Name, \\WEST15\\)`
- E. BODY = { "Name": sp\_name.replace(\\WEST15\\, \\LXT14\\) }

Correct Answer: BE

Reference: <https://developer.cisco.com/codeexchange/github/repo/CiscoUcs/intersight-python/>  
<https://intersight.com/apidocs/introduction/query/#referencing-properties-by-name>

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