

# 200-901 Q&As

Developing Applications and Automating Workflows using Cisco  
Platforms (DEVASC)

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**QUESTION 1**

Which Cisco platform provides organization-wide automation, security, policy enforcement, any agility across wired and wireless networks?

- A. Cisco ACI
- B. Cisco DNA Center
- C. Cisco Umbrella
- D. Cisco SD-WAN

Correct Answer: D

**QUESTION 2**

FILL IN THE BLANK

Fill in the blanks to complete the Bash script in which each file in a directory is renamed to its SHA256 hash?

```
TARGET_DIR=/usr/local/certs
for f in [ ] [ ] ; do
[ ] $f `openssl sha -sha256 -r < $f | cut -f1 -d' '`
done
```

A. Check the answer in explanation.

Correct Answer: A

ls, \$TARGET\_DIR, mv

```
TARGET_DIR=/usr/local/certs
for f in `ls [ ] [ ]` ; do
mv [ ] [ ] $f `openssl sha -sha256 -r < $f | cut -f1 -d' '`
done
```

**QUESTION 3**

DRAG DROP

Drag and drop the requests from the left into the correct order on the right to create and check the path trace between two devices using Cisco DNA center API.

Select and Place:

GET /api/v1/flow-analysis/{flowAnalysisId}	Step 1
POST /api/v1/flow-analysis	Step 2
POST /api/system/v1/auth/token	Step 3
GET /api/v1/network-device/ and choose IP of source and destination devices	Step 4

Correct Answer:

	GET /api/v1/network-device/ and choose IP of source and destination devices
	POST /api/system/v1/auth/token
	GET /api/v1/flow-analysis/{flowAnalysisId}
	POST /api/v1/flow-analysis

**QUESTION 4**

Which platform has an API that can be used to obtain a list of vulnerable software on user devices?

- A. Cisco Umbrella
- B. Cisco Firepower
- C. Cisco Identity Services Engine
- D. Cisco Advanced Malware Protection

Correct Answer: D

**QUESTION 5**

Refer to the exhibit.

**API v1 documentation:**

Authentication and authorization: Bearer token

Inventory endpoint: /api/v1/inventory

Method: GET

Response formats: text/html, application/json,  
application/html

**Token:**

dXNlcm5hbWU6cGFzc3dvcmQ=

**Api call:**

GET /api/v1/inventory HTTP/1.1

Host: example.com

**Response:**

HTTP/1.1 401 Unauthorized

An API call is constructed to retrieve the inventory in XML format by using the API. The response to the call is 401 Unauthorized. Which two headers must be added to the API call? (Choose two.)

- A. Bearer-Token: dXNlcm5hbWU6cGFzc3dvcmQ=
- B. Content-Type: application/xml
- C. Authentication: Bearer dXNlcm5hbWU6cGFzc3dvcmQ=
- D. Accept: application/xml
- E. Authorization: Bearer dXNlcm5hbWU6cGFzc3dvcmQ=

Correct Answer: BE

**QUESTION 6**

Which model-driven programmability protocol does Cisco IOS XE Software support?

- A. gNMI

B. SOAP

C. SSH

D. CORBA

Correct Answer: A

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1610/b\\_1610\\_programmability\\_cg/gnmi\\_protocol.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1610/b_1610_programmability_cg/gnmi_protocol.html)

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## QUESTION 7

DRAG DROP

Drag and drop the code snippets from the bottom to the blanks in the code to test the API response through the Python unittest library. Not all options are used.

Select and Place:

```
import unittest
import json
from apidogs import app

class TestsAPIDogs(unittest.TestCase):

    def setUp(self):
        self.app = app.test_client()

    # Check status response of API
    def test_status(self):
        resp =self.app.get('/dogs/all')
        status_code = response. 

        self.assertEqual(status_code,  )

    # Check for content type is in application/json
    def test content type(self):
        resp =self.app.get('/dogs/all')
        self.assertEqual(resp.  , 'application/json')

    def test item not exist(self):
        resp =self.app.get('/dogs?id=  ')
        self.assertEqual(response.status code, 404)

if name == ' main ':
    unittest.main()
```

<input type="text" value="403"/>	<input type="text" value="content"/>	<input type="text" value="status_code"/>
<input type="text" value="200"/>	<input type="text" value="none"/>	<input type="text" value="content_type"/>
	<input type="text" value="status"/>	

Correct Answer:

```
import unittest
import json
from apidogs import app

class TestsAPIDogs(unittest.TestCase):

    def setUp(self):
        self.app = app.test_client()

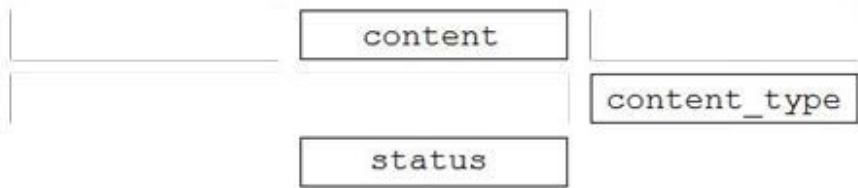
    # Check status response of API
    def test_status(self):
        resp =self.app.get('/dogs/all')
        status_code = response. 

        self.assertEqual(status_code,  )

    # Check for content type is in application/json
    def test content type(self):
        resp =self.app.get('/dogs/all')
        self.assertEqual(resp.  , 'application/json')

    def test item not exist(self):
        resp =self.app.get('/dogs?id=  ')
        self.assertEqual(response.status code,404)

if name == ' main ':
    unittest.main()
```



**QUESTION 8**

Which line is an example of the start of a chunk from a unified diff?

- A. @@ -20191007T1200 +88,90 @@
- B. @@ -88,10 +88,6 @@
- C. @@ -90,88 +20191008T1349 @@

D. @@ -20191007T1200 +20191008T1349 @@

Correct Answer: B

Reference: <https://unix.stackexchange.com/questions/252927/what-do-the-numbers-in-the-line-mean-in-output-of-diff>

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#### QUESTION 9

While developing a real-time VoIP application on a Cisco Webex Teams platform, users report that their voice gets chopped or parts of the conversation drops out. Which network constraint is impacting the application?

- A. jitter
- B. capacity
- C. delay
- D. latency

Correct Answer: A

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#### QUESTION 10

How are load balancers used in modern application deployments?

- A. Turn off traffic and take down compute units, then update and bring the compute units back up.
- B. Allow traffic to continue as new compute units are brought up and old compute units are taken down.
- C. Allow http and https traffic to continue as old compute units are discontinued before new units are brought up.
- D. Bring up new compute units, test the compute units, and switch the traffic from old units to new units.

Correct Answer: D

---

#### QUESTION 11

Which two types of NAT are used in a network? (Choose two.)

- A. routed NAT
- B. static NAT
- C. multicast NAT
- D. normal NAT
- E. dynamic NAT

Correct Answer: BE

---



Reference: <https://www.dummies.com/programming/networking/cisco/types-of-network-address-translation/>

### QUESTION 12

FILL IN THE BLANK Refer to the exhibit.

```
List the networks in a Meraki organization:  
  
GET https://api.meraki.com/api/v0/organizations/<org_id>/networks  
Response code: 200  
Response body: [ {  
  "id": <network_id>,  
  "name": "Test Network",  
  "organization_id": <new_org_id>,  
  "type": "wireless",  
  "timeZone": "America/Los_Angeles",  
  "tags": " test "  
} ]
```

Fill in the blanks to complete the cURL command to the list of networks in the Meraki organization with an id of 384279060

```
curl -X GET -L \  
--url https://api.meraki.com/api/v0/[ ]/[ ]/[ ] \  
-H 'X-Cisco-Meraki-API-Key: '$meraki_api_key
```

A. Check the answer in

Correct Answer: A

organizations , 384279060 , networks

### QUESTION 13

Refer to the exhibit.

```
leaf IPPeer {  
  type union {  
    type inet:ipv4-address;  
    type inet:ipv6-address;  
  }  
}
```

What is the value of the node defined by this YANG structure?

- A. {  
 "IPPeer": [  
 "10.1.1.1"  
 ]  
}
- B. {  
 "IPPeer": "10.1.1.1 2001:db::1"  
}
- C. {  
 "IPPeer": "10.1.1.1"  
}
- D. {  
 "IPPeer": [  
 "10.1.1.1",  
 "2001:db::1"  
 ]  
}

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

Correct Answer: D

---

#### QUESTION 14

What is a tenet of test-driven development?

- A. write documentation for tests
- B. write tests after adding new blocks of code
- C. write and run tests before writing new code
- D. run tests after writing new code

Correct Answer: C

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#### QUESTION 15

A file that already exists in a local repository is updated. Which command must be executed to ensure that the changes in the file are included in the next Git commit?

- A. git update
- B. git merge
- C. git add
- D. git rebase

Correct Answer: A

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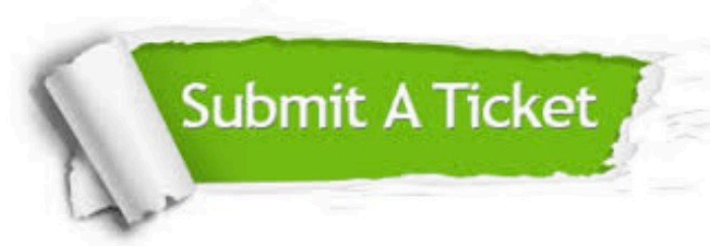
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