



Free Questions for 300-435

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## Question 1

Question Type: MultipleChoice

When working with MV Sense APLS , upon which type of protocol is MQTT based?

Options:

- A- publish-subscribe messaging
- B- simple mail transport
- C- heavyweight messaging
- D- computer vision

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Answer:

A

## Question 2

Question Type: DragDrop

```
$ pyang -f tree ietf-interfaces.yang
module: ietf-interfaces
  +--rw interfaces
  |   +--rw interface* [name]
  |       +--rw name                string
  |       +--rw description?        string
  |       +--rw type                identityref
  |       +--rw enabled?            boolean
  |       +--ro statistics
  |           +--ro discontinuity-time  yang:date-and-time
  |           +--ro in-unicast-pkts?   yang:counter64
  |           +--ro in-broadcast-pkts? yang:counter64
  x--ro interfaces-state
    x--ro interface* [name]
      x--ro name                string
      x--ro type                identityref
      x--ro admin-status        enumeration {if-mib}?
      x--ro oper-status         enumeration
      x--ro statistics
        x--ro discontinuity-time  yang:date-and-time
        x--ro in-octets?          yang:counter64
        x--ro in-unicast-pkts?   yang:counter64
```

Refer to the exhibit. Drag and drop the code from the bottom onto the box where the code is missing to complete the ncclient request that captures the operational data of the interfaces of a Cisco IOS XE device. Options may be used once, more than once, or not at all.

```

from ncclient import manager
import xml.dom.minidom

USERNAME = 'cisco'
PASSWORD = 'cisco'
HOST = '10.10.20.181'

data = '''
    < [ ] xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
        < [ ] >
            <statistics></statistics>
        </ [ ] >
    </ [ ] >
'''

with manager.connect(host=HOST, password=PASSWORD, port=830, username=USERNAME,
                    hostkey_verify=False, device_params={'name': 'iosxe'}) as m:
    c = m.get(filter=(" [ ] ", data)).data_xml

    xml = xml.dom.minidom.parseString(c)
    xml_pretty_str = xml.toprettyxml()
    print(xml_pretty_str)

```







Answer:

See the Answer in the Premium Version!

## Question 3

Question Type: MultipleChoice

Which solution is used for automating the configuration of a device when it is first powered on, using DHCP and TFTP?

Options:

A- PnP

- B- iPX E
- C- SNMP
- D- ZTP

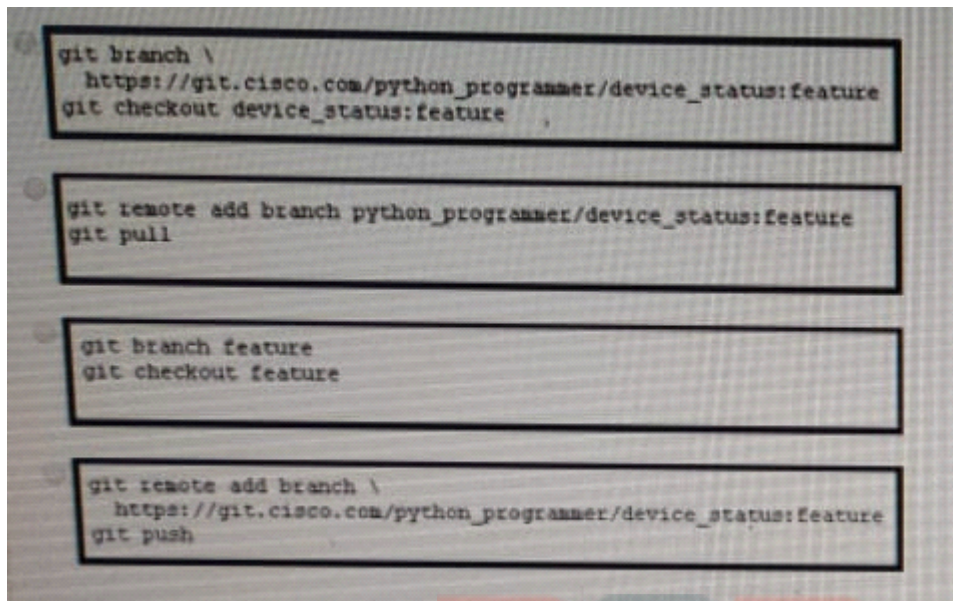
Answer:

D

## Question 4

Question Type: MultipleChoice

An engineer stored source code in a Git repository and is ready to develop a new feature. The production release is stored in the "master" branch. Which command create the new feature in a separate branch called "feature" and check out the new version?



Options:

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

Answer:

C

## Question 5

Question Type: MultipleChoice

Refer to the exhibit.

```
from ncclient import manager
with manager.connect(
    host='10.0.0.1',
    port=12022,
    username='cisco',
    password='cisco',
    hostkey_verify=False,
    allow_agent=False,
    look_for_keys=False,
    device_params={'name': 'iosxe'},
) as m:
```

Which ncclient method is used to collect the running configuration of a Cisco IOS XE device that uses NETCONF?

Options:

- A- config=m.copy\_config(source='running')
- B- config=m.get(source='running')
- C- config=m.collect\_config(source='running')
- D- config=m.get\_config(source='running')

Answer:

D

## Question 6

Question Type: MultipleChoice

Which URI with the request body of Request body:

{"name":"Test","organizationId":"","type":"appliance"} creates a new Meraki network called "Test", when using APIs?

Options:

- A- PUT https://api.meraki.com/api/v0/organizations/<org\_id>/networks
- B- POST https://api.meraki.com/api/v0/networks
- C- POST https://api.meraki.com/api/v0/organizations/<org\_id>/networks/<net\_id>

D- POST https://api.meraki.com/api/v0/organizations/<org\_id>/networks

Answer:

D

## Question 7

Question Type: MultipleChoice

Which curl command is used to update the SNMP community of network ID "1234567" to read-only?

- A.
- ```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
-H 'Content-Type: application/json' \
-X PUT --data-binary '{ \
  "access": "users", \
  "communityString": "readonly"}' \
'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```
- B.
- ```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
-H 'Content-Type: application/json' \
-X PUT --data-binary '{ \
  "access": "community", \
  "communityString": "readonly"}' \
'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```
- C.
- ```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
-H 'Content-Type: application/json' \
-X PUT --data-binary '{ \
  "access": "users", \
  "username": "snmp", \
  "passphrase": "readonly"}' \
'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```
- D.
- ```
curl -L -H 'X-Cisco-Meraki-API-Key: <key>' \
-H 'Content-Type: application/json' \
-X POST --data-binary '{ \
  "access": "community", \
  "communityString": "readonly"}' \
'https://api.meraki.com/api/v0/networks/1234567/snmpSettings'
```

Options:

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

Answer:

B

Explanation:

:

PUT is used to update the snmp network ID. The access has to be community and not users. Therefore, option B is correct.

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## Question 8

Question Type: DragDrop

Drag and drop the code snippets from the bottom onto the blanks in the code to subscribe to a Cisco DNA event by using the intent API . Not all options used.

```
[{
  "name": "Example-300",
  "description": "An example payload",
  "subscriptionEndpoints": [
    {
      "subscriptionDetails": {
        "name": "Endpoint 1",
        "url": ,
        "method": ,
        "connectorType":
      }
    }
  ],
  "filter": {
    "eventIds": [
      "NETWORK-NON-FABRIC_WIRED-1-200"
    ]
  }
}]
```

"/webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2"

"POST"

"GET"

"https://webhook.site/c4bc-34b2-114e-1f53-7cb46a109d2"

"WEBHOOK"

"REST"

Answer:

See the Answer in the Premium Version!

## Question 9

Question Type: MultipleChoice

A network administrator must troubleshoot a network issue using Cisco DNA Center. Which API request helps to determine issue details, impacted hosts, or suggested actions for the resolution?

Options:

- A- /dna/intent/v1/issues
- B- /dna/intent/api/v1/issues
- C- /dna/intent/v1/issue-enrichment-details
- D- /dna/api/v1/client-health/issues

Answer:

C

## Question 10

Question Type: MultipleChoice

Refer to the exhibit.

```
1 {
2   'data':
3     [
4       {
5         'count': 4,
6         'detailsURL': '',
7         'name': 'vEdge Hardware Health',
8         'status': 'error',
9         'statusList':
10          [
11            {
12              'count': 4,
13              'detailsURL': '/dataservice/device/hardwarehealth/detail?state=normal',
14              'message': '4 {normal=4, warning=0, error=0}',
15              'name': 'normal',
16              'status': 'up'
17            }
18          ]
19       }
20     ]
21 }
```

Cisco SD-WAN deployment must be troubleshooted using vManage APIs. A call to vEdge Hardware Health API returns the data in the exhibit (only a portion is shown). If this JSON is



converted to a Python dictionary and assigned to the variable "d", how the status is accessed that is indicated on line 16?

Options:

- A- d[data][0][statusList][0][status]
- B- d['data']['statusList']['status']
- C- d{'data'}[0]{ 'statusList'}[0]{ 'status'}
- D- d['data'][0]['statusList'][0]['status']

Answer:

D

Explanation:

:

The 0s in option AC and D are not logical in this scenario. The status tag already takes care of the error message.

## Question 11

Question Type: MultipleChoice

What are two characteristics of REST API calls? (Choose two.)

Options:

- A- Unencrypted
- B- Non-cacheable
- C- Stateless
- D- Implemented over http
- E- Parameters passed in the headers

Answer:

B, C

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