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QUESTION 1

What are two characteristics of synchronous calls to APIs? (Choose two.)

A. They can be used only with certain programming languages.

B. They make your application less portable, so asynchronous calls are preferred.

C. They can add perceived latency to your application if data is not received.

D. They block until a response is returned from the servers.

E. They do not block while waiting for the API to be processed.

Correct Answer: CE

Reference: https://docs.cloudmgmt.cisco.com/display/40API/Synchronous+and+Asynchronous+APIs

QUESTION 2

What is an advantage of software-defined networks as compared to traditional networks?

A. They simplify operations by creating a concrete copy of the network.

B. They reduce complexity by coupling the control and the data plane.

C. They enable older hardware to be repurposed without an investment in new infrastructure.

D. They deliver a distributed management architecture that provides better resilience to errors.

Correct Answer: D

Reference: https://www.ibm.com/services/network/sdn-versus-traditional-networking

QUESTION 3

When accessing the /device-detail endpoint in Cisco DNA Center, what is an acceptable SearchBy parameter value?

A. platform type

B. IP address

C. software version

D. MAC address

Correct Answer: D

QUESTION 4

DRAG DROP

Drag and drop the code snippers 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.

Select and Place:

```
[{
"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"

Correct Answer:

```
[{
"name": "Example-300",
"description": "An example payload",
"subscriptionEndpoints": [
        {
        "subscriptionDetails": {

            "name": "Endpoint 1",

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

            "method": |                          "POST"                     | ,

            "connectorType": |                    "REST"                    |
            }
        }
],
"filter": {
        "eventIds": [
                "NETWORK-NON-FABRIC_WIRED-1-200"
        ]}}]
```

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

QUESTION 5

DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing to complete this API request against the Cisco SD-WAN vManage Statistics API, which specifies a device with an Id of 100faff9-8b36-4312-bf97-743b26bd0211, a local color of biz-internet, and a remote color of gold. Not all options are used.

Select and Place:

```
https://vmanage-ip-address:8443/dataservice/device/app-route/statistics?

[          ]    100faff9-8b36-4312-bf97-743b26bd0211

[          ]    biz-internet    [          ]    gold
```

```
&local-color"        &color"         &remote-color"

device"              deviceId"
```

Correct Answer:

```
https://vmanage-ip-address:8443/dataservice/device/app-route/statistics?

&color"     100faff9-8b36-4312-bf97-743b26bd0211

device"     biz-internet  &local-color"  gold
```

```
                        &remote-color"

              deviceId"
```

QUESTION 6

```
{
  "id": "L_123456",
  "organizationId": 1357924,
  "name": "Long Island Office",
  "timeZone": "America/Los_Angeles",
  "tags": "tag1 tag2",
  "type": "combined",
  "disableMyMerakiCom": false
}
```

Refer to the exhibit. Which two parameters are mandatory when the Cisco Meraki API is used to create a network? (Choose two.)

A. timezone

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B. disableMyMerakiCom

C. type

D. tags

E. organizationId

Correct Answer: AE

Without organizationID and timezone, you will not be able to create a network. Organizationid is necessary for the connection. Timezone is necessary for the network id.

QUESTION 7

Refer to the exhibit. NTP server 10.1.1.20 must be configured on the target Cisco IOS XE device without using authentication and logging. Which state should be added on a new line at the end of the Ansible task?

```
- name: configure ntp
  ios_ntp:
     server: 10.1.1.20
     logging: false
     auth: false
```

A. state: true

B. state: started

C. state: present

D. state: installed

Correct Answer: C

Reference: https://docs.ansible.com/ansible/2.10/collections/cisco/ios/ios_ntp_module.html

---

QUESTION 8

With the MV Sense API, which REST endpoint provides LUX level?

A. /merakimv/XXXX-XXXX-XXXX/light

B. /merakimv/XXXX-XXXX-XXXX/raw_detections

C. /merakimv/XXXX-XXXX-XXXX/0

D. /merakimv/XXXX-XXXX-XXXX/zones

Correct Answer: A

Reference: https://developer.cisco.com/meraki/mv-sense/#!mqtt/lux-light-levels

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QUESTION 9

```
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:
```

Refer to the exhibit. What is the correct ncclient method to use to collect the running configuration of a Cisco IOS XE device that uses NETCONF?

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\\')

Correct Answer: A

Reference: https://ncclient.readthedocs.io/en/latest/

QUESTION 10

```
POST https://api.meraki.com/api/v0/organizations/<org id>/networks
Request body: { "name": "Template", "organizationId": <org id>, "type": "          "}
Response code: 201
Response body: { "id": <network id>, "name": "Template",
                "organization id": <org id>, "type": "          ", "tags": null }
```

Refer to the exhibit. A template is provided to a junior developer to automate the creation of a network on the Meraki dashboard. The new network needs to have the id 123456789 and support only wired network connections. What type needs to be added to the API?

A. switch

B. wireless

C. appliance

D. systemsManager

Correct Answer: C

QUESTION 11

A new project called "device_status" must be stored in a central Git repository called "device_status" with the first file named "device_status.py". The Git repository is created using the account python_programmer. Which set of commands inserts the project into Git?

```
A.  git init
    git add device status.py
    git commit  m "Initial Revision"
    git remote add origin \
        https://git.cisco.com/python_programmer/device_status.git
    git push -u origin master

B.  git init
    git remote add origin \
        https://git.cisco.com/python_programmer/device_status.git
    git add device_status.py
    git pull

C.  git init
    git remote add origin \
        https://git.cisco.com/python_programmer/device_status.git
    git add device_status.py
    git commit -m "Initial Revision"
    git pull -u origin master

D.  git init
    git add device_status.py
    git remote add python_programmer/device_status
    git push
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

Reference: https://help.github.com/en/github/importing-your-projects-to-github/adding-an-existing-project-to-github-using-the-command-line

QUESTION 12

When a Grafana dashboard is built to receive network events from Cisco DNA Center, which integration bundle is enabled to send notifications?

A. Basic ITSM CMDB Synchronization

B. DNA Center Rest API

C. Network Events for REST API Endpoint

D. Network Issue Monitor and Enrichment for ITSM

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center/1-3/admin_guide/b_cisco_dna_center_admin_guide_1_3/b_dnac_admin_guide_1_2_10_chapter_010.html

QUESTION 13

When the Cisco DNA Center Intent API is used as part of an automation process, what prompts receiving a HTTP 206 status code on a call?

A. The client authentication credentials that are included with the request are missing or invalid

B. The client made a request for partial content matching a range header

C. The client request was successful, but there is no content associated with the request

D. The client made a request that has been received but not yet acted upon

Correct Answer: B

QUESTION 14

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

A. publish-subscribe messaging

B. simple mail transport

C. heavyweight messaging

D. computer vision

Correct Answer: A

QUESTION 15

During a network outage, a network administrator used the Cisco SD-WAN vManage Troubleshooting Dashboard APIs to troubleshoot the cause of the issue. Which detail is captured during troubleshooting with these APIs?

A. VPN health

B. public cloud resources

C. connections summary

D. OMP connection health

Correct Answer: C

Reference: https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/vManage_REST_APIs/Troubleshooting_APIs/Dashboard

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