Cisco.300-435.v2022-05-05.q128

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https://www.freecram.net/torrent/Cisco.300-435.v2022-05-05.q128.html	

NEW QUESTION: 1

Drag and drop the code from the bottom onto the box where the code is missing to construct a Python script to automate the process of updating the site-to-site VPN settings of the network. Not all options are used.

```
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/[          ]"

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1892489", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", [          ]}
    ]
}
headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                            headers=headers,
                            [          ])
print(response.text.encode('utf8'))
```

"useVpn": True	networksVpn
data=payload	siteToSiteVpn

Answer:

```
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/ siteToSiteVpn "

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1892489", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", useVpn": True }
    ]
}
headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                            headers=headers,
                            data=payload )
print(response.text.encode('utf8'))
```

| "useVpn": True | networksVpn |
| data=payload | siteToSiteVpn |

NEW QUESTION: 2

FILL BLANK

Fill in the blanks to complete this API request against the Cisco SD_WAN vManage Statistics API, which specified a deviceId of 260faff9-2d31-4312-cf96-143b46db0211, a local-color of biz-internet, and a remote- color of gold.

https://vmanage-ip-address:8443/dataservice/device/app-route/statistics?[_____]260faff9-2d31-4312-cf96-143b46db0211 [_____] biz-internet [_____] gold

Answer:

deviceID=, local-color, remote-color

Section: Network Device Programmability

Explanation/Reference:

https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/ vManage_REST_APIs/Real-Time_Monitoring_APIs/Application-Aware_Routing#Statistics

NEW QUESTION: 3

Which action allows for creating a Python script to pull inventory for Cisco SD-WAN Viptela devices using the Viptela library in the code?

A. from urllib.request import Viptela

B. from viptela.devices import Viptela

C. from viptela.viptela import Viptela

D. from viptela.library import Viptela

Answer: (SHOW ANSWER)

The viptela.devices import viptela can be used to put inventory from Cisco SD WAN viptela devices.

NEW QUESTION: 4

Which action allows for creating a Python script to pull inventory for Cisco SD-WAN Viptela devices using the Viptela library in the code?

A. from urllib.request import Viptela

B. from viptela.devices import Viptela

C. from viptela.viptela import Viptela

D. from viptela.library import Viptela
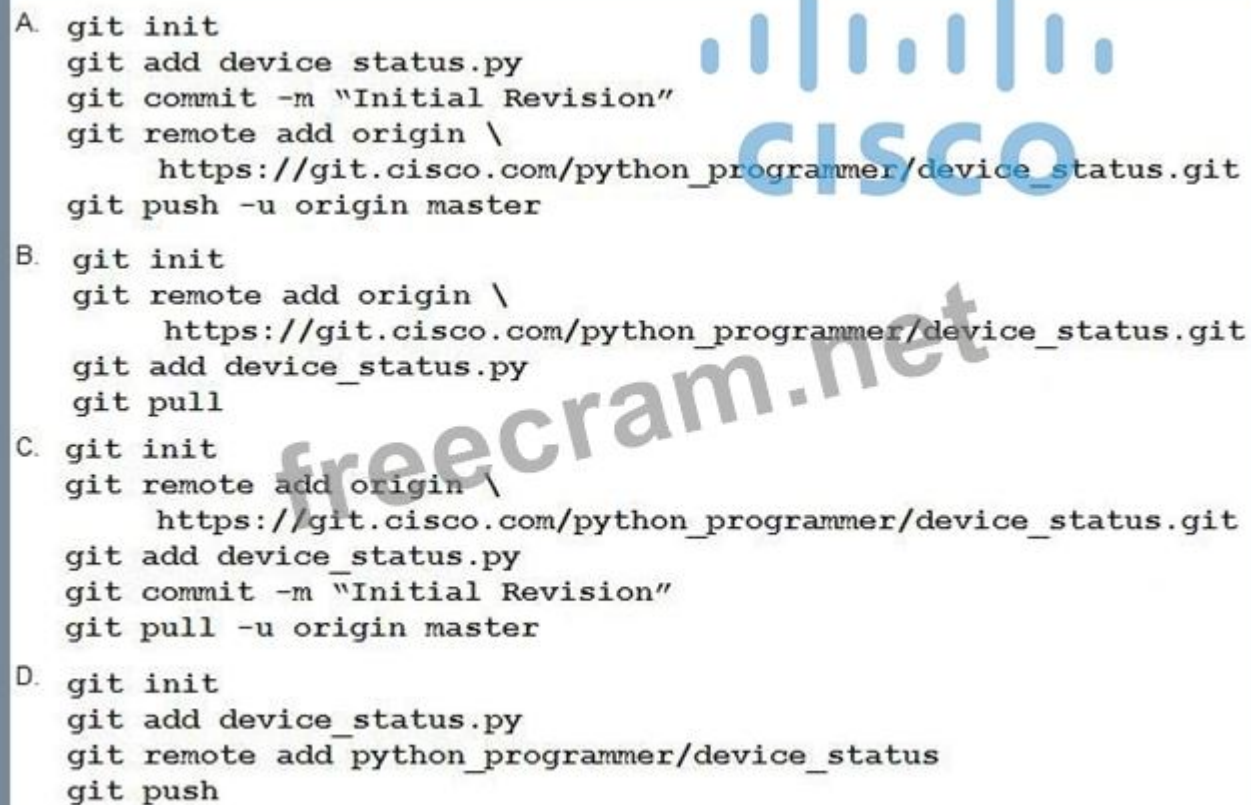
Answer: (SHOW ANSWER)

Explanation

The viptela.devices import viptela can be used to put inventory from Cisco SD WAN viptela devices.

NEW QUESTION: 5

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 D

B. Option C

C. Option A

D. Option B

Answer: (SHOW ANSWER)

NEW QUESTION: 6

Which field must be completed in Cisco DNA Center when a network discovery is initiated?

A. SNMP read community string

B. Enable password

C. NETCONF port

D. Discovery type

Answer: (SHOW ANSWER)

Section: Cisco DNA Center

Explanation/Reference: https://www.cisco.com/c/dam/en_us/training-events/product-training/dnac-13/ DNAC13_AddingDevicesByUsingDiscovery.pdf (p.26)

NEW QUESTION: 7

Refer to the exhibit. Which type of YANG container is described by the JSON instance provided?

A. interface-configurations

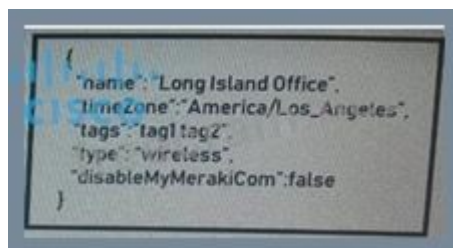**B.** active

C. interface-name

D. description

Answer: (SHOW ANSWER)

Section: Automate APIs and Protocols

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r7-0/programmability/ configuration/guide/b-programmability-cg-asr9000-70x/b-programmability-cg-asr9000-70x_chapter_011.html

NEW QUESTION: 8

Refer to the Exhibit.

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

A. time zone

B. disableMyMerakiCom

C. type

D. tags

E. name

Answer: (**SHOW ANSWER**)

NEW QUESTION: 9

Which URI with the request body of Request body:

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

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: (**SHOW ANSWER**)

NEW QUESTION: 10

Which statement is true for Cisco IOS-XE Software?

A. RESTCONF supports JSON and XML and NETCONF supports XML.

B. RESTCONF supports XML and NETCONF supports JSON and XML.

C. RESTCONF and NETCONF supports JSON and XML.

D. RESTCONF supports XML and NETCONF supports JSON.

Answer: (**SHOW ANSWER**)

Section: Automate APIs and Protocols

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/169/
b_169_programmability_cg/restconf_programmable_interface.html

NEW QUESTION: 11

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?

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: (**SHOW ANSWER**)

Section: Cisco DNA Center

Explanation

The intent/api/v1/issues request determine issue details, hosts impacted and suggests actions for resolution.

NEW QUESTION: 12

Which two Cisco DNA Center features are needed to add legacy devices on the platform? (Choose two.)

A. device profile replication

B. device package creation

C. device package download

D. multivendor SDK support

E. trusted device profile update

Answer: (SHOW ANSWER)

NEW QUESTION: 13

Refer to the exhibit. Which device type is functioning in a degraded state?

A. access switch

B. wireless LAN controller

C. distribution switch

D. access point

Answer: (SHOW ANSWER)

NEW QUESTION: 14

A programmer is creating a Meraki webhook python script to send a message to webex teams. Which two elements should be configured to create this script? (Choose two.)

A. Webex teams access token

B. Webhook server secret

C. gRPC credentials

D. XML formatted request

E. User authentication count

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 15

Refer to the exhibit.

```
<rpc message-id="101" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <establish-subscription
     xmlns="urn:ietf:params:xml:ns:yang:ietf-event-notifications"
     xmlns:yp="urn:ietf:params:xml:ns:yang:ietf-yang-push">
  <stream>yp:yang-push</stream>
  <yp:xpath-filter>/mdt-oper:mdt-oper-data/mdt-subscriptions</yp:xpath-filter>
  <yp:            >1000</yp:      >
  </establish-subscription>
</rpc>
```

Which XML tag completes this NETCONF telemetry subscription with a Cisco IOS XE device?

A. crontab

B. frequency

C. period

D. cadence

Answer: (SHOW ANSWER)

NEW QUESTION: 16

What are two benefits of leveraging Ansible for automation of Cisco IOS XE Software? (Choose two.)

A. It is a device-independent method for automation and can be used with any type of device or operating system.

B. Ansible playbooks are packaged and installed on IOS XE devices for automatic execution when an IOS device reboots.

C. It does not require any modules of software except SSH to be loaded on the network device.

D. All IOS XE operating systems include Ansible playbooks for basic system administration tasks.

E. Ansible playbooks can be written from the IOS XE EXEC command line to configure the device itself.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 17

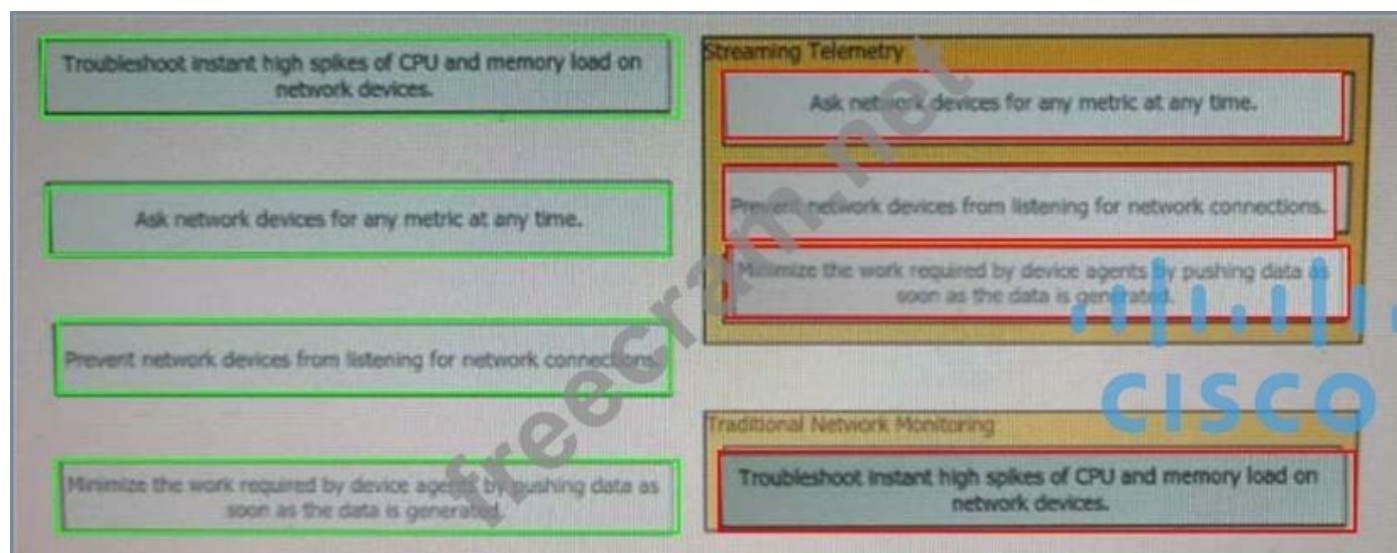Drag and drop the characteristic from the left onto the monitoring type described on the right

Answer:

Reference:

https://www.cisco.com/c/en/us/td/docs/iosxr/ncs5500/telemetry/70x/b-telemetry-cg-ncs5500-70x/b-telemetry-cg-ncs5500-70x_chapter_010.html

NEW QUESTION: 18

A Cisco DNA Center script must be written to retrieve a list of interfaces on a switch. Drag and drop the API calls that are needed to return the list of interfaces using the Command Running APIs from the left into the correct sequence on the right.

Answer:
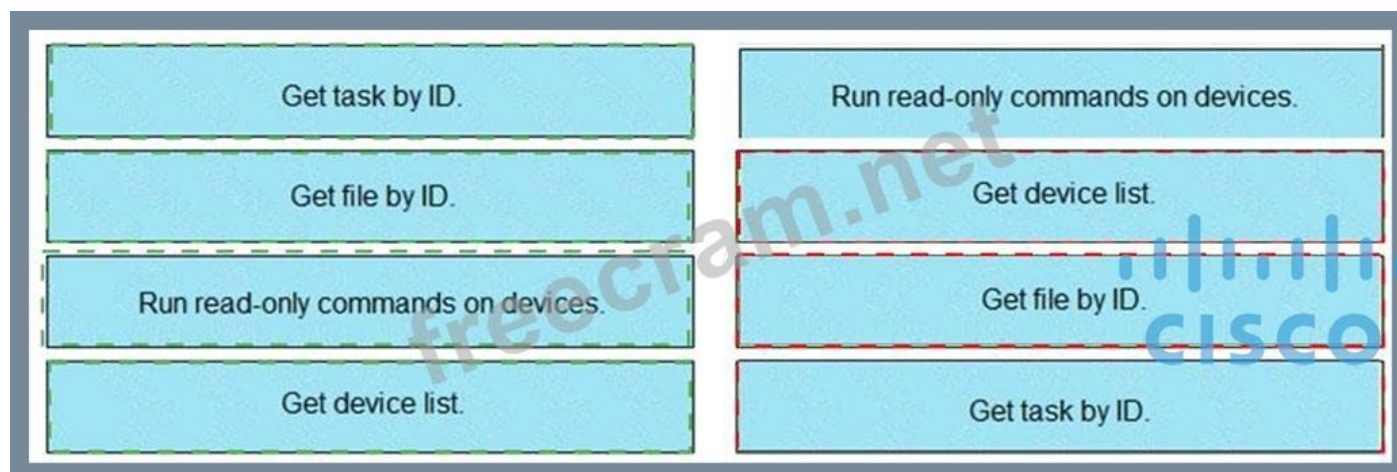
NEW QUESTION: 19

Which two features are foundations of a software-defined network instead of a traditional network? (Choose two.)

A. control plane and data plane are tightly coupled

B. build upon a robust software stack

C. requires device by device-level configurations

D. automated through expressed intent to a software controller

E. requires significant physical hardware resources

Answer: (SHOW ANSWER)

In traditional networks, control plane and data plane are coupled tightly. It also requires device by device configurations and of course, it uses physical hardware resources to function. Whereas, SDN is based on a software stack. In Cisco SDNs are automated through expressed intent to a software controller.

NEW QUESTION: 20

```
      '
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                 }
```

Refer to the exhibit. 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?

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: ([SHOW ANSWER]())

Section: Cisco SD-WAN

Explanation:

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

NEW QUESTION: 21

Which setting is used for the dampening period when configuring an on-charge publication for YANG-push versus OpenConfig?

A. -1

B. 1000

C. 0

D. null

Answer: ([SHOW ANSWER]())

NEW QUESTION: 22

Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-cf96-143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

https://vmanage-ip-address:8443/dataservice/device/action/reboot [   ] 260faff9-2d31-4312-cf96-143b46db0211

Answer:

?deviceId=

NEW QUESTION: 23

Refer to the exhibit.

```
return_val=
{
  "alertId": "6434451796765672516",
  "alertType": "appliances went down",
  "deviceMac": "e0:55:3d:6c:c1:7a",
  "deviceName: "MX65 c1:7a",
  "deviceSerial": "Q2QN-58EA-XXXX",
  "deviceUrl": "https://n143.meraki.com/Branch-1/n/.../manage/nodes/new_wired_status",
  "networkId": "L_1234567890",
  "networkName": "Branch 1",
  "networkUrl": "https://n143.meraki.com/Branch-1/n/.../manage/nodes/wired_status",
  "occuredAt": "2018-11-10T18:45:20.000000Z",
  "organizationId": "1234567"
  "organizationName": "Meraki Demo",
  "organizationUrl": "https://n143.meraki.com/o/.../manage/organization/overview",
  "sentAt: "2018-11-10T18:50:30.479982Z",
  "SharedSecret": "asdf1234",
  "version": "0.1"
}
```

The task is to create a Python script to display an alert message when a Meraki MX Security Appliance goes down. The exhibit shows sample data that is received. Which Python snippet displays the device name and the time at which the switch went down?

```
A.  with return_val:
        print("The Switch: "+deviceName+ ",
        went down at: "+occurredAt)

B.  print("The Switch: "+return_val.deviceName+ ", \
    went down at: "+return_val.occurredAt)

C.  print("The Switch: "+return_val['deviceName']+ ", \
    went down at: "+return_val['occurredAt']")

D.  with items as return_val:
        print("The Switch: "+items.deviceName+ ",
        went down at: "+items.occurredAt)
```

A. Option B
B. Option D
C. Option A
D. Option C
Answer: (SHOW ANSWER)

NEW QUESTION: 24

Refer to the exhibit.

```
neighbors = ['s1', 's2', 's3']
switch = {'hostname':'nexus','os':'7.0.3','neighbors':neighbors}
print(switch['neighbors'][1])
```

What is the result when running the Python scripts?
A. s1
B. s2
C. s1, s2, s3
D. s3
Answer: (SHOW ANSWER)

```
1  neighbors = ['s1', 's2', 's3']
2  switch = {'hostname': 'nexus', 'os': '7.0.3', 'neighbors':neighbors
3  print(switch['neighbors'][1])
```

CISCO

✓ Execute Mode, Version, Inputs & Arguments

3.7.4 ▾   In

CommandLine Arguments

Result
CPU Time: 0.02 sec(s), Memory: 7604 kilobyte(s)

s2

NEW QUESTION: 25

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             }
```

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?

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: (SHOW ANSWER)

Explanation

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

NEW QUESTION: 26

```
neighbors = ['s1', 's2', 's3']
switch = {'hostname':'nexus','os':'7.0.3','neighbors':neighbors}
print(switch['neighbors'][1])
```

Refer to the exhibit. What is the result when running the Python scripts?

A. s1

B. s2

C. s1, s2, s3

D. s3

Answer: (SHOW ANSWER)

Section: Network Programmability Foundation

Explanation:

NEW QUESTION: 27

DRAG DROP

A Cisco DNA Center script must be written to retrieve a list of interfaces on a switch. Drag and drop the API calls that are needed to return the list of interfaces using the Command Running APIs from the left into the correct sequence on the right.

Select and Place:

Answer Area

Get task by ID.	run 1
Get file by ID.	run 2
Run read-only commands on devices.	run 3
Get device list.	run 4

Answer:

Answer Area

Get task by ID.	Run read-only commands on devices.
Get file by ID.	Get device list.
Run read-only commands on devices.	Get file by ID.
Get device list.	Get task by ID.

Section: Cisco DNA Center

Explanation/Reference: https://developer.cisco.com/docs/dna-center/#!using-id-values-in-rest-requests

NEW QUESTION: 28

Refer to the exhibit. If the data included in the code was saved to a python variable named "example". Which line of code converts if for praising?

⦿ py_dict = xmltodict.parse(example)

○ py_dict = csv.read(example)

○ py_dict = json.loads(example)

○ py_dict = yaml.load(example)

A. Option A
B. Option D
C. Option C
D. Option B
Answer: (SHOW ANSWER)

NEW QUESTION: 29
Which curl command is used to update the SNMP community of network ID "1234567" to read-only?

```
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'
```
A.

```
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'
```
B.

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

D.

Answer: (SHOW ANSWER)

Section: Automate APIs and Protocols

Explanation:

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

NEW QUESTION: 30

Refer to the exhibit.

```
<rcp xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="101">
  <get>
    <filter>
      <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
        <ntp>
          <server xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp">
            <server-list>
              <ip-address>10.11.10.65</ip-address>
            </server-list>
          <server
        </ntp>
      </native>
      <ntp-oper-data xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp-oper">
        <ntp-status-info>
          <ntp-associations>
            <peer-stratum/>
          </ntp-associations>
        </ntp-status-info>
      </ntp-oper-data>
    </filter>
  </get>
</rcp>
```

How many YANG models does the NETCONF <get> operation interact with?

A. one

B. two

C. three

D. four

Answer: (SHOW ANSWER)

Explanation

The get operation tag is at the beginning of the document. It interacted only with NTP and its related services.

There get operation interacted only with one model.

NEW QUESTION: 31

Which two Cisco DNA Center features are needed to add legacy devices on the platform? (Choose two.)

A. multivendor SDK support
B. trusted device profile update
C. device package creation
D. device package download
E. device profile replication
Answer: (**SHOW ANSWER**)
Section: Cisco DNA Center

NEW QUESTION: 32

```
{
  "alertData": {
    "countNode": 1,
    "bssids": [
      "aa:bb:cc:dd:ee:ff",
      "11:22:33:44:55:66"
    ],
    "minFirstSeen": 1548512334,
    "maxLastSeen": 1548512802,
    "countIsContained": 0,
    "reason": "Seen on LAN",
    "wiredMac": "aa:bb:cc:dd:ee:f0"
  },
  "alertId": "6293780047939282802",
  "alertType": "Air Marshal -Roque AP detected",
  "occuredAt": "2019-01-26T14:18:54.000000Z",
  "organizationId": "123456",
  "organizationName": "Organization",
  "organizationUrl": "https://n1.meraki.com/o/.../manage/organization/overview",
  "networkId": "L_1234567890123345678",
  "networkName": "Network",
  "networkUrl": "https://n1.meraki.com/.../manage/nodes/list",
  "version": "0.1"
  "SharedSecret": "supersecret",
  "sentAt: "2019-01-26T14:35:20.442869Z",
}
```

Refer to the exhibit. The goal is to write a Python script to automatically send a message to an external messaging application when a rogue AP is detected on the network. The message should include the broadcast SSID that is in the alert. A function called "send_to_application" is created, and this is the declaration:
send_to_application(message)
The exhibit also shows the data that is received by the application and stored in the variable return_val. Which Python code completes the task?

A.
```
bssids =return_val["bssids"]
for number in range(return_val["alertData"]["countNode"]):
    send_to_application ("ALERT: detected a bssid on the
    network: "+ return_val["alertData"][bssids][number])
```

B.
```
bssids =return_val["bssids"]
for value in bssids:
    send_to_application ("ALERT: detected a bssid on the
    network: "+value)
```

C.
```
count = retutn_val["alertData"]["countNode"]
bssids =return_val["alertData"][count]["bssids"]
for value in bssids:
    send_to_application ("ALERT: detected a bssid on the
    network: "+value)
```

D.
```
bssids =return_val["alertData"]["bssids"]
for value in bssids:
    send_to_application ("ALERT: detected a bssid on the
    network: "+value)
```

Answer: (SHOW ANSWER)

Section: Network Programmability Foundation

Explanation

For number in range value is required for the application to send the alert. Bssids are also included.

NEW QUESTION: 33

```
<rpc message-id="101" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <establish-subscription
     xmlns="urn:ietf:params:xml:ns:yang:ietf-event-notifications"
     xmlns:yp="urn:ietf:params:xml:ns:yang:ietf-yang-push">
  <stream>yp:yang-push</stream>
  <yp:xpath-filter>/mdt-oper:mdt-oper-data/mdt-subscriptions</yp:xpath-filter>
  <yp:[          ]>1000</yp:[          ] >
  </establish-subscription>
</rpc>
```

Refer to the exhibit. Which XML tag completes this NETCONF telemetry subscription with a Cisco IOS XE device?

A. crontab

B. cadence

C. frequency

D. period

Answer: (SHOW ANSWER)

Section: Network Device Programmability

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1610/
b_1610_programmability_cg/model_driven_telemetry.html

NEW QUESTION: 34

What are two benefits of leveraging Ansible for automation of Cisco IOS XE Software? (Choose two.)

A. It does not require any modules of software except SSH to be loaded on the network device.

B. It is a device-independent method for automation and can be used with any type of device or operating system.

C. Ansible playbooks are packaged and installed on IOS XE devices for automatic execution when an IOS device reboots.

D. All IOS XE operating systems include Ansible playbooks for basic system administration tasks.

E. Ansible playbooks can be written from the IOS XE EXEC command line to configure the device itself.

Answer: (SHOW ANSWER)

NEW QUESTION: 35

The automation engineer must replace device configuration using RESTCONF. How is this configured using the Python library Requests?

A. delete()

B. patch()

C. put()

D. post()

Answer: C (LEAVE A REPLY)

NEW QUESTION: 36

Which two features are characteristics of software-defined networks when compared to traditional infrastructure? (Choose two.)

A. configured box-by-box

B. changed manually

C. use overlay networks

D. designed to change

E. require software development experience to manage

Answer: C,D (LEAVE A REPLY)

Section: Cisco DNA Center

Explanation/Reference:

Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/VMDC/SDN/SDN.html

NEW QUESTION: 37

Fill in the blanks to complete this API request against the Cisco SD_WAN vManage Statistics API, which specified a deviceId of 260faff9-2d31-4312-cf96-143b46db0211, a local-color of biz-internet, and a remote- color of gold.

```
https://vmanage-ip-address:8443/dataservice/device/app-route/statistics? [          ] 260faff9-2d31-4312-
cf96-143b46db0211 [          ]  biz-internet  [          ]  gold
```

Answer:

deviceId= , &local-color= , &remote-color=

NEW QUESTION: 38

Refer to the exhibit.

```
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 }
```

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. wireless

B. systemsManager

C. switch

D. appliance

Answer: (**SHOW ANSWER**)

NEW QUESTION: 39

Refer to the exhibit.

```
{
    'data':
      [
        {
            'availableVersions':[]
            'chasisNumber':  '4af9e049-0052-47e9-83af-81a5825f7ffe',
            'deviceIP':  '4.4.4.60',
            'deviceModel':  'vedge-cloud',
            'deviceType': 'vedge',
            'host-name':  'vedge01',
            ...
```

A Python script has been created that calls the Cisco SD-WAN vManage Device Inventory API to get the list of vEdges. The JSON data that returns to a Python dictionary has been converted and assigned to a variable named "d". A portion of the JSON is shown in the exhibit. Which code will complete the expression hostname= to access the hostname?

A. d["data"][0]["host-name"]

B. d[data][0][host-name]

C. d("data")[0]("host-name")

D. d["host-name"]["data"]{"0"}

Answer: (**SHOW ANSWER**)

The double-quotations are a necessary syntax of Python. And for the json portion doesnt use parentheses. It always uses brackets. d["data"][0]["host-name"] is the only logical answer.

NEW QUESTION: 40

Refer to the exhibit.

```json
{
  "alertData": {
    "countNode": 1,
    "bssids": [
      "aa:bb:cc:dd:ee:ff",
      "11:22:33:44:55:66"
    ],
    "minFirstSeen": 1548512334,
    "maxLastSeen": 1548512802,
    "countIsContained": 0,
    "reason": "Seen on LAN",
    "wiredMac": "aa:bb:cc:dd:ee:f0"
  },
  "alertId": "629378047939282802",
  "alertType": "Air Marshal -Rogue AP detected",
  "occuredAt": "2019-01-26T14:18:54.000000Z",
  "organizationId": "123456",
  "organizationName": "Organization",
  "organizationUrl": "https://n1.meraki.com/o/.../manage/organization/overview",
  "networkId": "L_1234567890012345678",
  "networkName": "Network",
  "networkUrl": "https://n1.meraki.com/.../manage/nodes/list",
  "version": "0.1"
  "SharedSecret": "supersecret",
  "sentAt": "2019-01-26T14:35:20.442869Z",
}
```

The goal is to write a Python script to automatically send a message to an external messaging application when a rogue AP is detected on the network. The message should include the broadcast SSID that is in the alert. A function called "send_to_application" is created, and this is the declaration:

send_to_application(message)

The exhibit also shows the data that is received by the application and stored in the variable return_val. Which Python code completes the task?

```
A.  bssids =return_val["bssids"]
    for number in range(return_val["alertData"]["countNode"]):
      send_to_application ("ALERT: detected a bssid on the
      network: "+ return_val["alertData"][bssids][number])

B.  bssids =return_val["bssids"]
    for value in bssids:
      send_to_application ("ALERT: detected a bssid on the
      network: "+value)

C.  count = retutn_val["alertData"]["countNode"]
    bssids =return_val["alertData"][count]["bssids"]
    for value in bssids:
      send_to_application ("ALERT: detected a bssid on the
      network: "+value)

D.  bssids =return_val["alertData"]["bssids"]
    for value in bssids:
      send_to_application ("ALERT: detected a bssid on the
      network: "+value)
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: ([SHOW ANSWER](#))

Explanation

For number in range value is required for the application to send the alert. Bssids are also included.

NEW QUESTION: 41

Which two network assurance features are provided by the Cisco DNA Center API? (Choose two.)

A. site health

B. license compliance health

C. client health

D. Cisco APIC appliance health

E. Cisco DNA Center appliance health

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/networkautomation-and-management/dna-enter/12/user_guide/b_dnac_ug_1_2/b_dnac_ug_1_2_chapter_010011.html

NEW QUESTION: 42

Fill in the blank to complete the statement.

_____ is a solution for automating the configuration of a device when it is first powered on, using DHCP and TFTP.

Answer:

Zero-touch provisioning

NEW QUESTION: 43

```
{
    "ietf-interfaces:interfaces": {
        "interface": [
            {
                "name": "GigabitEthernet1",
                "description": "MANAGEMENT INTERFACE",
                "type": "iana-if-type:ethernetCsmacd",
                "enabled": true,
                "ietf-ip:ipv4": {
                    "address": [
                        {
                            "ip": "10.10.20.48",
                            "netmask": "255.255.255.0"
                        }
                    ]
                },
                "ietf-ip:ipv6": {}
            }
        ]
    }
}
```

Refer to the exhibit. A RESTCONF GET request is sent to a Cisco IOS XE device. A portion of the response is shown in the exhibit. Which module name corresponds to the YANG model referenced in the request?

A. ietf-interfaces:ietf-ipv4

B. iana-if-type:ethernetCsmacd

C. ietf-interfaces:interfaces

D. ietf-interfaces

Answer: (SHOW ANSWER)

Section: Network Device Programmability

NEW QUESTION: 44

```
GET: https://dnacsrv/api/v1/network-device
{
  "response": [
      {
        "type": "Cisco Catalyst 9300 switch",
        "errorCode": null,
        "family": "Switches and Hubs",
        "location": DC1,
        "role": "ACCESS",
        "macAddress: "a1:2b:30:40:41:50",
        "hostname": "cat_9k_1",
        "serialNumber": "FCW2136L0AK",
        "softwareVersion": "16.6.1",
        "locationName": null,
        "upTime": "13 days, 18:30:33.81",
        "softwareType": "IOS-XE",
        "collectionStatus": "Managed",
        "managementIpAddress": "10.10.22.66",
        "platformId": "C9300-24UX",
        "reachabilityStatus": "Reachable",
        "series": "Cisco Catalyst 9300 Series Switches",
        "snmpContact": "",
        "snmpLocation": ""
```

Refer to the exhibit. A GET request is issued to the Cisco DNA Center REST API. Drag and drop the GET request URL subpaths from the left onto the objectives on the right. Not all options are used.

Options	Objectives
/api/v1/network-device?softwareType=IOS-XE&softwareVersion=16.4.2	List devices that are configured by using SNMP to be in the DC2 location
/api/v1/network-device?location=DC2	List device types
/api/v1/network-device?(softwareType=IOS-XE) AND (softwareVersion=16.4.2)	List the device that has an IP address of 10.222.10.35
/api/v1/network-device?family=Switches and Hubs	Display Cisco IOS XE devices that have IOS version 16.4.2
/api/v1/network-device?ipAddress=10.222.10.35	
/api/v1/network-device?snmpLocation=DC2	
/api/v1/network-device?managementIpAddress=10.222.10.35	
/api/v1/network-device?family=cat_9k_1	

Answer:

```
/api/v1/network-device?softwareType=
IOS-XE&softwareVersion=16.4.2
```

```
/api/v1/network-device?location=DC2
```

```
/api/v1/network-device?location=DC2
```

```
/api/v1/network-device?managementIp
Address=10.222.10.35
```

```
/api/v1/network-device?(softwareType=
IOS-XE) AND (softwareVersion=16.4.2)
```

```
/api/v1/network-device?ipAddress=
10.222.10.35
```

```
/api/v1/network-device?family=Switches
and Hubs
```

```
/api/v1/network-device?(softwareType=
IOS-XE) AND (softwareVersion=16.4.2)
```

```
/api/v1/network-device?ipAddress=
10.222.10.35
```

```
/api/v1/network-device?snmpLocation=DC2
```

```
/api/v1/network-device?managementIp
Address=10.222.10.35
```

```
/api/v1/network-device?family=cat_9k_1
```

Reference:

https://meraki.cisco.com/lib/pdf/meraki_whitepaper_captive_portal.pdf

NEW QUESTION: 45

Drag and drop the code from the bottom onto the box where the code is missing to perform the login operation and security check on the vManage web server at the specified IP address. Not all code options are used.

```
import requests

login_url = 'https://10.20.20.254:8443/j_security_check'

[                                                    ]

session = requests.session()

[                                                    ]

if b'<html>' in response.content:
    print('Login Failed')
else:
    print('Login Success')
```

```
response = session.post(url=login_url, data=login_credentials, verify=False)
```

```
login_credentials = {'j_username':'admin', 'j_password':'admin')
```

```
response = session.get(url=login_url, data=login_credentials, verify=False)
```

```
login_credentials = {'username':'admin', 'password':'admin'}
```

```
response = session.post(url=login, data=credentials, verify=False)
```

```
login_credentials = {'j_username':'admin', 'j_password':'admin'}
```

Answer:

```
import requests

login_url = 'https://10.20.20.254:8443/j_security_check'

response = session.get(url=login_url, data=login_credentials, verify=False)
session = requests.session()
login_credentials = {'j_username':'admin', 'j_password':'admin'}

if b'<html>' in response.content:
    print('Login Failed')
else:
    print('Login Success')
```

```
response = session.post(url=login_url, data=login_credentials, verify=False)
```

```
login_credentials = ('j_username':'admin', 'j_password':'admin')
```

```
response = session.get(url=login_url, data=login_credentials, verify=False)
```

```
login_credentials = {'username':'admin', 'password':'admin'}
```

```
response = session.post(url=login, data=credentials, verify=False)
```

```
login_credentials = {'j_username':'admin', 'j_password':'admin'}
```

NEW QUESTION: 46

Which action allows for creating a Python script to pull inventory for Cisco SD-WAN Viptela devices using the Viptela library in the code?

A. from urllib.request import Viptela

B. from viptela.devices import Viptela

C. from viptela.viptela import Viptela

D. from viptela.library import Viptela

Answer: C (LEAVE A REPLY)

:

The viptela.devices import viptela can be used to put inventory from Cisco SD WAN viptela devices.

NEW QUESTION: 47

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

A. unencrypted

B. non-cacheable

C. stateless

D. implemented over HTTP

E. parameters passed in the headers

Answer: (SHOW ANSWER)

Reference:

https://www.cisco.com/c/en/us/td/docs/wireless/mse/80/MSE_REST_API/Guide/Cisco_MSE_REST_API_Guide/REST_Introduction.pdf

NEW QUESTION: 48

Refer to the exhibit.

```
return_val=
{
    "alertId": "643451796765672516",
    "alertType": "appliances went down",
    "deviceMac": "e0:55:3d:6c:c1:7a",
    "deviceName": "MX65_c1:7a",
    "deviceSerial": "Q2QN-58EA-XXXX",
    "deviceUrl": "https://n143.meraki.com/Branch-1/n/.../manage/nodes/new_wired_status",
    "networkId": "L_1234567890",
    "networkName": "Branch 1",
    "networkUrl": "https://n143.meraki.com/Branch-1/n/.../manage/nodes/wired_status",
    "occuredAt": "2018-11-10T18:45:20.000000Z",
    "organizationId": "1234567",
    "organizationName": "Meraki Demo",
    "organizationUrl": "https://n143.meraki.com/o/.../manage/organization/overview",
    "sentAt": "2018-11-10T18:50:30.479982Z",
    "SharedSecret": "asdf1234",
    "version": "0.1"
}
```

The task is to create a Python script to display an alert message when a Meraki MX Security Appliance goes down. The exhibit shows sample data that is received. Which Python snippet displays the device name and the time at which the switch went down?

A.
```
with return_val:
    print("The Switch: "+deviceName+ ",
    went down at: "+occurredAt)
```

B.
```
print("The Switch: "+return_val.deviceName+ ", \
    went down at: "+return_val.occurredAt)
```

C.
```
print("The Switch: "+return_val['deviceName']+ ", \
    went down at: "+return_val['occurredAt']")
```

D.
```
with items as return_val:
    print("The Switch: "+items.deviceName+ ",
    went down at: "+items.occurredAt)
```

A. Option B

B. Option A

C. Option C

D. Option D

Answer: (SHOW ANSWER)

NEW QUESTION: 49

Recently, the WAN links between the headquarters and branch offices have been slow under peak congestion, yet multiple alternate WAN paths exist that are not always congested. What technology can allow traffic to be routed in a more informed manner to utilize transport characteristics such as delay, loss, or link load?

A. on demand routing

B. policy based routing

C. static routing

D. performance routing

Answer: (SHOW ANSWER)

NEW QUESTION: 50

A network engineer wants to connect two sites via a WAN technology and to securely pass multicast traffic over this WAN technology. Which WAN technology should be configured?

A. IPsec

B. GRE

C. pure MPLS

D. GRE over IPsec

Answer: (SHOW ANSWER)

Explanation

NEW QUESTION: 51

A Cisco DNA Center script must be written to retrieve a list of interfaces on a switch. Drag and drop the API calls that are needed to return the list of interfaces using the Command Running APIs from the left into the correct sequence on the right.

Answer:

Get task by ID.	Run read-only commands on devices.
Get file by ID.	Get device list.
Run read-only commands on devices.	Get file by ID.
Get device list	Get task by ID.
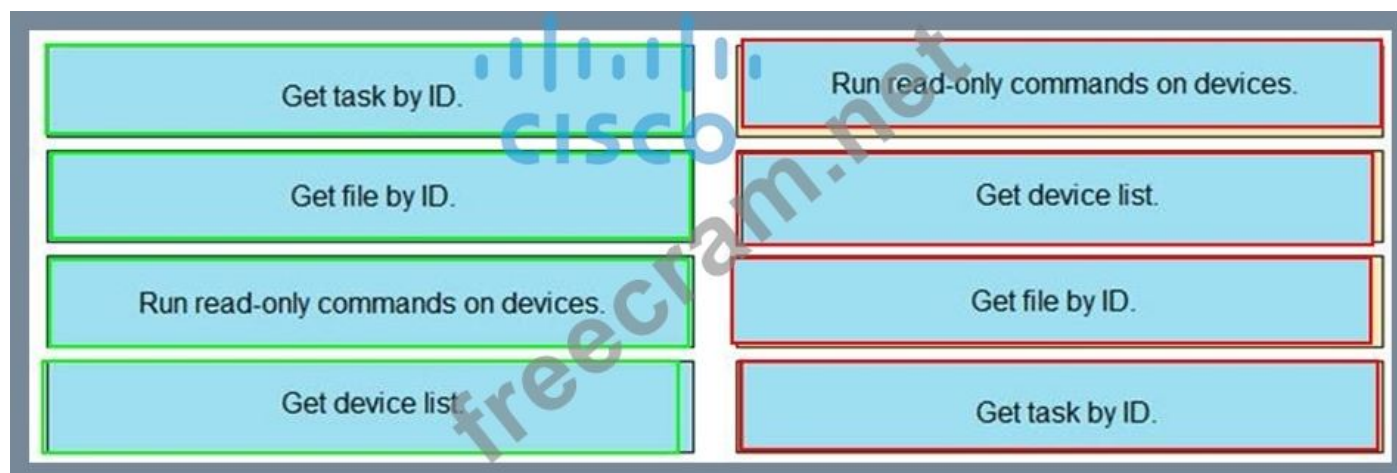
NEW QUESTION: 52

The Cisco DNA Center Sites API must be used to add a device to a site, but only the site name is available. Which API call must be used to retrieve the site identifier so that the device can be properly added to the network?

A. /dna/intent/api/v1/site

B. /dna/intent/api/site

C. /dna/intent/api/v1/site/siteName

D. /dna/intent/api/site/siteId

Answer: (SHOW ANSWER)

NEW QUESTION: 53

Refer to the exhibit.

```
{
    'data':
    [
        {
            'availableVersions':[]
            'chasisNumber':  '4af9e049-0052-47e9-83af-81a5825f7ffe',
            'deviceIP': '4.4.4.60',
            'deviceModel': 'vedge-cloud',
            'deviceType': 'vedge',
            'host-name': 'vedge01',
            ...
```

A Python script has been created that calls the Cisco SD-WAN vManage Device Inventory API to get the list of vEdges. The JSON data that returns to a Python dictionary has been converted and assigned to a variable named "d". A portion of the JSON is shown in the exhibit. Which code will complete the expression hostname= to access the hostname?

A. d["data"][0]["host-name"]

B. d[data][0][host-name]

C. d("data")[0]("host-name")

D. d["host-name"]["data"]{"0"}

Answer: (<u>SHOW ANSWER</u>)

:

The double-quotations are a necessary syntax of Python. And for the json portion doesnt use parentheses. It always uses brackets. d["data"][0]["host-name"] is the only logical answer.

NEW QUESTION: 54

Refer to the exhibit.

```
module: Cisco-IOS-XE-vlan-oper
  +--ro vlans
     +--ro vlan* [id]
        +--ro id                  uint16
        +--ro name?               string
        +--ro status?             vlan-iso-xe-oper:vlan-status-type
        +--ro ports* []
        |  +--ro interface?       string
        |  +--ro subinterface?    uint32
        +--ro vlan-interfaces*    [interface]
           +--ro interface        string
           +--ro subinterface     uint32
```

Which NETCONF protocol operation is used to interact with the YANG model?

A. <copy-config>

B. <get-config>

C. <edit-config>

D. <get>

Answer: (<u>SHOW ANSWER</u>)

NEW QUESTION: 55

Due to financial constraints, an engineer is forced to use WAN edge routers with limited memory. BGP is used to exchange routing information with external customers. Which two additional actions are taken in this design?

(Choose two.)

A. Utilize iBGP to reduce memory utilization.

B. Implement the Maximum-Prefix feature.

C. Filter any BGP routes that were not originated in external customer AS.

D. Permit only specific routes from the external customers.

E. Allow any BGP route that has external customer AS in the AS path.

Answer: (<u>SHOW ANSWER</u>)

NEW QUESTION: 56

Which tag is required when establishing a YANG-push subscription with a Cisco IOS XE device?

A. <yp:period>

B. <yp:subscription-result>

C. <yp:subscription-id>

D. <yp:xpath-filter>

Answer: (SHOW ANSWER)

Section: Network Device Programmability

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1612/
b_1612_programmability_cg/model_driven_telemetry.html

NEW QUESTION: 57

Drag and drop the characteristics from the left onto the network types on the right.

Answer:

NEW QUESTION: 58

Which benefit of using VRRP v3 as compared to VRRP v2 is true?

A. supports stateful switchover

B. supports IPv4 and IPv6 in separate VRRP groups

C. supports preemption

D. supports authentication

Answer: B (LEAVE A REPLY)

NEW QUESTION: 59

Drag and drop the characteristics from the left onto the network types on the right.

Left box:
- centralized management
- more granular network security
- implements network functions on dedicated devices
- closely coupled data and control planes

Right box:

Traditional network
- (empty)
- (empty)

Software-defined network
- (empty)
- (empty)

Answer:

Left:
- centralized management
- more granular network security
- implements network functions on dedicated devices
- closely coupled data and control planes

Right:

Traditional network
- implements network functions on dedicated devices
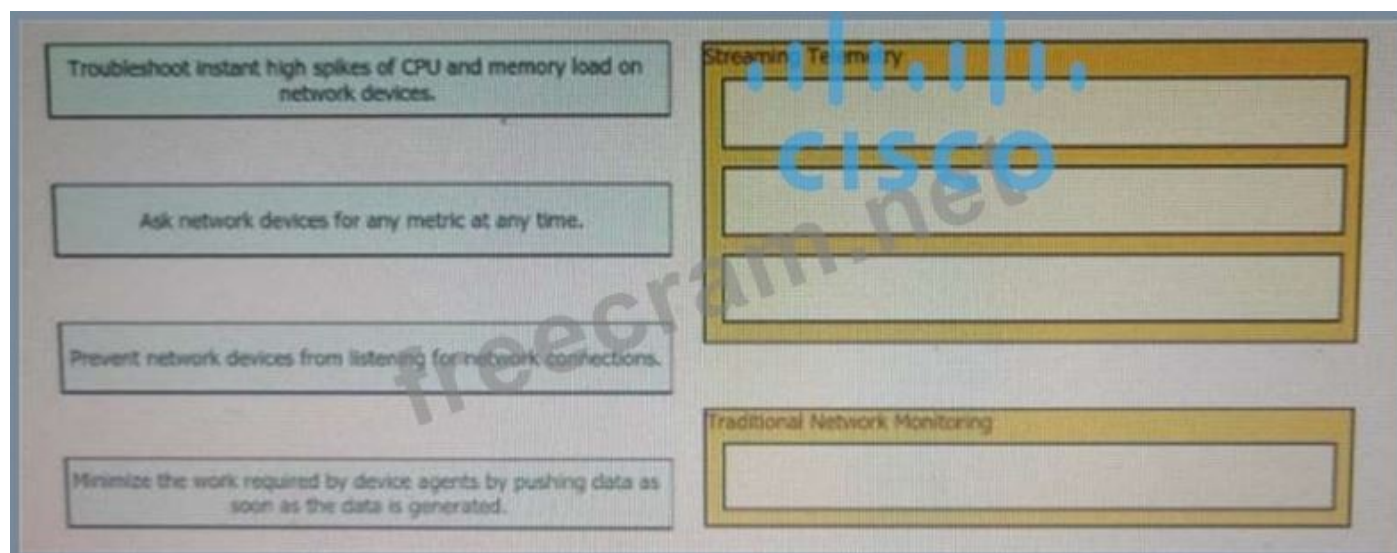- closely coupled data and control planes

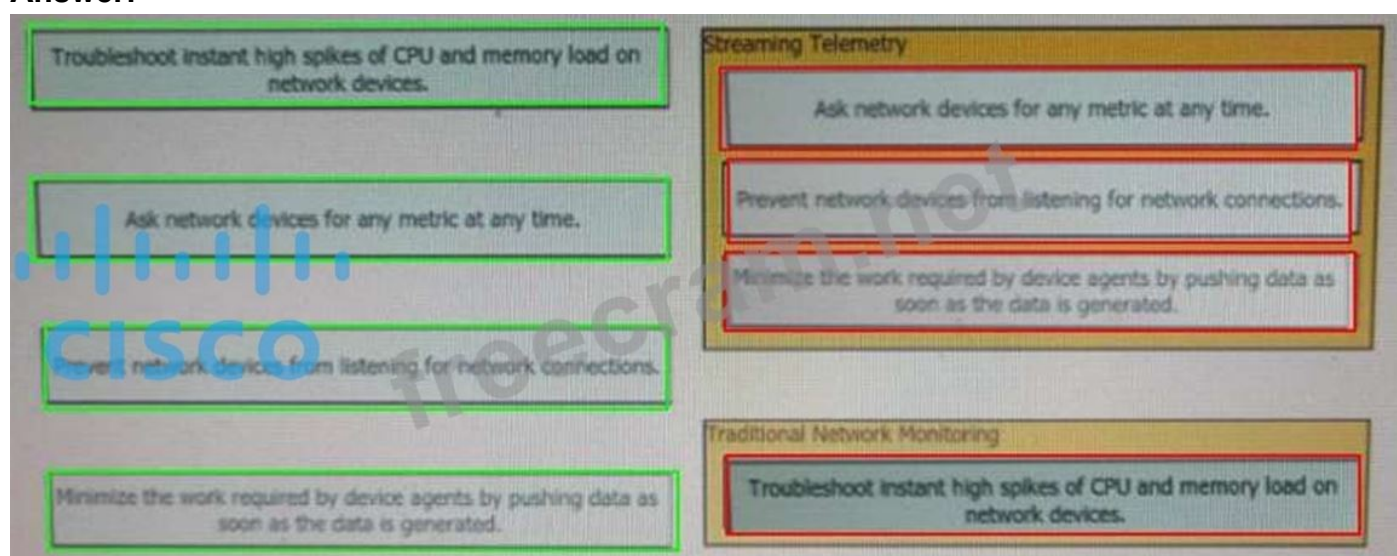Software-defined network
- centralized management
- more granular network security

NEW QUESTION: 60

Drag and drop the characteristic from the left onto the monitoring type described on the right

Answer:

Reference:

https://www.cisco.com/c/en/us/td/docs/iosxr/ncs5500/telemetry/70x/b-telemetry-cg-ncs5500-70x/b-telemetry-cg-ncs5500-70x_chapter_010.html

NEW QUESTION: 61

Fill in the blank to complete the URL for the Cisco SD-WAN API that retrieves a list of users that are logged into a device.

http://<vmanage-ip-address>/dataservice/device/[   ]deviceid=<deviceid>>

Answer:

interface?

Explanation

https://vmanage-ip-address/dataservice/device/interface?deviceId=deviceId

NEW QUESTION: 62

A customer has several small to medium-sized remote branches and with these specific per-site requirements:

WAN link redundancy

no need for consistent end-to-end QoS (QoS is applied to the edge routers.) low cost for WAN links no strict SLA requirements for the WAN links Which type of WAN edge connectivity design does an engineer propose?

A. dual-homed Internet with a single edge router running a site-to-site VPN topology

B. dual-homed WAN MPLS and Internet links via dual edge routers

C. dual-homed WAN MPLS with a single edge router

D. dual-homed Internet with dual edge routers running a hub-and-spoke VPN topology

Answer: (SHOW ANSWER)

NEW QUESTION: 63

Which environment must be enabled to complete the zero-touch provisioning process on a IOS XE device?

A. EEM

B. TCL

C. ZTP Open Service container

D. Guest shell

Answer: D (LEAVE A REPLY)

NEW QUESTION: 64

Fill in the blank to complete the statement.

[   ] is a solution for automating the configuration of a device when it is first powered on, using DHCP and TFTP.

Answer:

ZTP

NEW QUESTION: 65

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.

Answer: (SHOW ANSWER)

Section: Network Programmability Foundation

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

NEW QUESTION: 66

Refer to the exhibit.

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

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?

A. state: installed

B. state: true

C. state: present

D. state: started

Answer: (SHOW ANSWER)

NEW QUESTION: 67

Refer to the exhibit. A RESTCONF GET request is sent to a Cisco IOS XE device. The base URL of the request and the response in XML format are shown in the exhibit. What are the two YANG data nodes and modules referenced in the response? (Choose two.)

A. The ethernetCsmacd type is imported from the iana-if-type module

B. ipv4 is a container defined in the ietf-ip module

C. description is a key field defined in the interface list

D. address is a container defined in the ietf-interfaces module

E. interface has the YANG data node type of container

Answer: (SHOW ANSWER)

NEW QUESTION: 68

Refer to the exhibit.

```
(Cisco Controller) >show radius summary
Authentication Servers
Idx Type Server Address Port State Tout MgmtTout RFC3576
--- ---- ---------------- ------ -------- ---- -------- ---------
1 N 10.10.2.3 1812 Enabled 2 2 Enabled
2 N 10.10.2.4 1812 Enabled 2 2 Enabled

Accounting Servers
Idx Type Server Address Port State Tout MgmtTout RFC3576
--- ---- ---------------- ------ -------- ---- -------- ---------
1 N 10.10.2.3 1813 Enabled 2 2 N/A
2 N 10.10.2.4 1813 Enabled 2 2 N/A
```

An engineer utilizing ISE as the wireless AAA service noticed that the accounting process on the server at

10.10.2.3 has failed, but authentication process is still functional.

Which ISE nodes receive WLC RADIUS traffic, using the CLI output and assuming the WLAN uses the servers in their indexed order?

A. authentication to 10.10.2.4, accounting to 10.10.2.4.

B. authentication to 10.10.2.3, accounting to 10.10.2.4.

C. authentication to 10.10.2.4, accounting to 10.10.2.3.

D. authentication to 10.10.2.3, accounting to 10.10.2.3.

Answer: (SHOW ANSWER)

NEW QUESTION: 69

Refer to the exhibit.


```
import requests
import sys

requests.package.urllib3.disable_warnings()

HOST = '10.1.2.3'
PORT = 9443
USER = 'user'
PASS = 'password'

def main():
    url = "https://{h}:{p}/restconf/data/Cisco-IOS-XE-native:native/
hostname".format(h=HOST, p=PORT)

        headers = {'Content-Type': 'application/[          ]',
                   'Accept': 'application/[          ]'}
        response = requests.get(url, auth=(USER,PASS),
                                headers=headers, verify=False)
        print(response.text)

if __name__ == '__main__':
    sys.exit(main())
```

An engineer creates a Python script using RESTCONF to display hostname information. The code must be completed so that it can be tested.

Which string completes the highlighted areas in the exhibit?

A. yang.data+json

B. yang-data+json

C. json

D. yang +json

Answer: (SHOW ANSWER)

NEW QUESTION: 70

Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-cf96-

143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

https://vmanage-ip-address:8443/dataservice/device/action/reboot ⬜⬜⬜⬜ 260faff9-2d31-4312-cf96-143b46db0211

Answer:

?deviceId=

NEW QUESTION: 71

Refer to the exhibit.

```
- name: Create VRFs as defined by local_vrfs
    ios_vrf:
        vrfs: "{{ local_vrfs }}"
        state: [          ]
    register: addvrf
```

An engineer creates an Ansible playbook to configure VRF information using a local_vrfs variable. The code must be completed so that it can be tested. Which string completes the code?

A. active

B. on

C. present

D. up

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 72

Refer to the exhibit.

```
telemetry ietf subscription 154
  encoding encode-tdl
  filter xpath /memory-ios-xe-oper:memory-statistics/memory-statistic
  source-vrf Mgmt-intf
  stream yang-push
  update-policy periodic 6000
```

The configuration commands are entered in CLI config mode to configure a static telemetry subscription on a Cisco IOS XE device. The commands are accepted by the device, but the consumer receives no telemetry dat a. Which change must be made to ensure that the consumer receives the telemetry data?

A. The IP address of the receiver must be set.

B. The stream type must be set to YANG.

C. The update policy period must be shortened.

D. The sender IP address must be set.

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/iosxml/ios/prog/configuration/1610/b_1610_programmability_cg/model_driven_telemetry.html

https://www.cisco.com/c/en/us/td/docs/iosxml/ios/prog/configuration/1610/b_1610_programmability_cg/model_driven_telemetry.html

NEW QUESTION: 73

What is a benefit of developing an application in a Python virtual environment?

A. The application supports concurrency or multithreading.

B. The application operates in multiple target systems simultaneously.

C. The development environment is isolated from Python projects that already exist.

D. The application operates across systems that have different operating systems.

Answer: (SHOW ANSWER)

NEW QUESTION: 74

Refer to the exhibit.

```
module: ietf-ip
 augment /if:interfaces/if:interface:
  +--rw ipv4!
  |   +--rw enabled?      boolean
  |   +--rw forwarding?   boolean
  |   +--rw mtu?          uint16
  |   +--rw address* [ip]
  |   |   +--rw ip                    inet:ipv4-address-no-zone
  |   |   +--rw (subnet)
  |   |   |   +--:(prefix-length)
  |   |   |   |   +--rw prefix-length?    uint8
  |   |   |   +--:(netmask)
  |   |   |       +--rw netmask?          yang:dotted-quad (ipv4-non-contiguous-netmasks)?
  |   |   +--ro origin?                   ip-address-origin
  |   +--rw neighbor* [ip]
  |       +--rw ip                    inet:ipv4-address-no-zone
  |       +--rw link-layer-address    yang:phys-address
```

Which NETCONF statement type is represented by +--rw address* [ip]?

A. list

B. leaf-list

C. container

D. submodule

Answer: (SHOW ANSWER)

Explanation

Symbols after data node names: "?" means an optional node, "!" means a presence container, and "*" denotes a list and leaf-list.

NEW QUESTION: 75

Refer to the exhibits.

```
from device_info import ios_xe1
from ncclient import manager
import xmltodict

netconf_filter = open('filter-ietf-interfaces.xml").read()

if __name__ == '__main__':
    with manager.connect(host=ios_xe1["address"],
                         port=ios+xe1["port"],
                         username=ios+xe1["username"],
                         password=ios+xe1["password"],
                         hostkey_verify=False) as m:

        netconf_reply = m.get(netcong_filter)

        intf_details = xmltodict.parse(netconf_reply.xml)["rpc-reply"]["data"]
        intf_config = intf_details["interfaces"]["interface"]
        intf_info = intf_details["interfaces-state"]["interface"]

        print("")
        print("Interface Details:")
        print(" Name: {}".format([            ]["name"]))
        print(" Description: {}".format(intf_config["description"]))
        print(" Type: {}".format(intf_config["type"]["#text"]))
        print(" MAC Address: {}".format(intf_info["phys-address"]))
        print(" Packet Input: {}".format(intf_info["statistics"]["in-unicast-pkts"]))
        print(" Packet Output: {}".format(intf_info["statistics"]["out-unicast-pkts"]))
```

```
<filter>
    <interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
        <interface>
            <name>GigabitEthernet2</name>
        </interface>
    </interfaces>
    <interfaces-state xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
        <interface>
            <name>GigabitEthernet2</name>
        </interface>
    </interfaces-state>
</filter>
```

An engineer creates a Python scripts using ncclient to display interface information. The code must be completed so that it can be tested.
Which expression completes the highlighted section in the format call?

A. intf_info
B. intf_config
C. intf_get
D. intf_config[0]

Answer: (SHOW ANSWER)

The highlighted format cell for print is for the host.

NEW QUESTION: 76

What does the command boot ipxe forever switch 1 perform when executed on a Cisco IOS XE device?

A. It continuously sends DNS requests for iPXE until the device boots with an image.

B. It continuously sends DHCP requests for iPXE until the device boots with an image.

C. It continuously sends DNS requests for iPXE until the device restarts.

D. It continuously sends DHCP requests for iPXE until the device restarts.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 77

Refer to the exhibit. A Python script is used to configure a Cisco IOS XE router. The Loopback2 interface currently has a description of Management2 and an IP address/netmask of 10.222.34.22/32. What is the result of executing the script?

A. The interface description is removed from the configuration.

B. The router rejects all commands and the configuration remains the same.

C. The interface description remains the same.

D. The interface is removed from the configuration.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 78

A programmer is creating a Maraki webhook Python script to send a massage to Webex Teams. Which two elements should be configured to create this script? (Choose two)

A. gRPC credentials

B. user authentication count

C. Webex Teams access token

D. XML formatted request

E. webhook server secret

Answer: C,E (LEAVE A REPLY)

NEW QUESTION: 79

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

Answer: (SHOW ANSWER)

NEW QUESTION: 80

Refer to the exhibit.

> "https://vmanage-ip-address:8443/dataservice/template/policy/vsmart/activate/{policyId}"

A Python script must be created to deactivate vSmart Policy Cisco SD-WAN vManage Configuration APIs.
The documentation states the URL is as shown in the exhibit for this REST call using POST, and that
"policyId" is a required request parameter. Which line of Python code makes this call, assuming the variable
"s" is a valid Requests session object and the variable "policy-id" is the policyId?
A. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/', data = {'policyId':
policy_id})
B. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate&policyId=%s' % policy_id)
C. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/%s' % policy_id)
D. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate?policyId=%s' % policy_id)
Answer: (SHOW ANSWER)

NEW QUESTION: 81

When accessing the /device-detail endpoint in Cisco DNA Canter, what is an acceptable SearchBy parameter value?
A. software version
B. IP address
**C.** platform type
D. MAC address
Answer: (SHOW ANSWER)

NEW QUESTION: 82

A Cisco DNA Center script must be written to retrieve a list of interfaces on a switch. Drag and drop the API calls that are needed to return the
list of interfaces using the Command Running APIs from the left into the correct sequence on the right.

Get task by ID.	run 1
Get file by ID.	run 2
Run read-only commands on devices.	run 3
Get device list.	run 4

Answer:
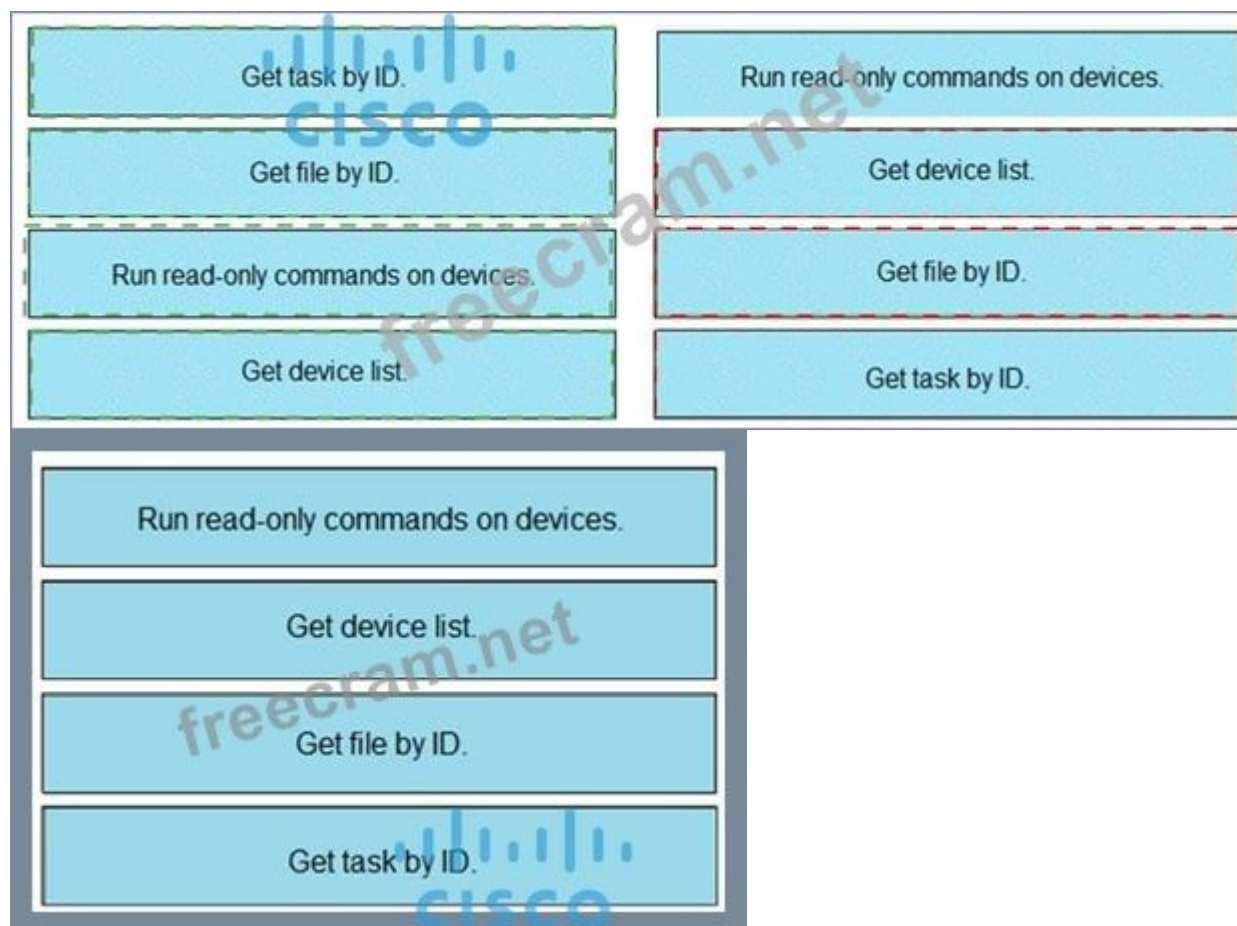
NEW QUESTION: 83

Refer to the exhibit.

```
module: Cisco-IOS-XE-vlan-oper
  +--ro vlans
    +--ro vlan* [id]
      +--ro id                  uint16
      +--ro name?               string
      +--ro status?             vlan-iso-xe-oper:vlan-status-type
      +--ro ports* []
      |  +--ro interface?       string
      |  +--ro subinterface?    uint32
      +--ro vlan-interfaces*   [interface]
        +--ro interface        string
        +--ro subinterface     uint32
```

Which NETCONF protocol operation is used to interact with the YANG model?

A. <copy-config>

B. <get-config>

C. <edit-config>

D. <get>

Answer: (**SHOW ANSWER**)

NEW QUESTION: 84

Which two API calls are used to trigger a device configuration sync in Cisco DNA Center? (Choose two.)

A. PUT /dna/intent/api/v1/network-device/sync-all

B. PUT /dna/intent/api/v1/network-device

C. POST /dna/intent/api/v1/network-device/{networkDeviceId}/sync

D. PUT /dna/intent/api/v1/network-device/sync

E. PUT /dna/intent/api/v1/network-device/{networkDeviceId}/sync

Answer: (SHOW ANSWER)

NEW QUESTION: 85

A configuration has been made to add to every switch port a new port description. The script worked initially, but after a few seconds, an HTTP 429 status code was received. What causes this error message from the Meraki cloud?

A. The wrong API key is used to query the data.

B. The rate limit of the Cisco Meraki API is exceeded.

C. The API key has expired.

D. The device goes offline while you poll the API dashboard.

Answer: (SHOW ANSWER)

Section: Cisco Meraki

Explanation/Reference: https://community.meraki.com/t5/Developers-APIs/my-API-Limit-exceed-and-key-is-not-working/td- p/64034

NEW QUESTION: 86

Which setting is used for the dampening period when configuring an on-charge publication for YANG-push versus OpenConfig?

A. null

B. -1

C. 0

D. 1000

Answer: (SHOW ANSWER)

Reference:

https://www.cisco.com/c/en/us/td/docs/iosxml/ios/prog/configuration/1612/b_1612_programmability_cg/model_driven_telemetry.html

NEW QUESTION: 87

Which Cisco feature can be run on a Cisco router that terminates a WAN connection, to gather and provide WAN circuit information that helps switchover to dynamically back up the WAN circuit?

A. Cisco Express Forwarding

B. passive interface

C. IP SLA

D. traffic shaping

Answer: (SHOW ANSWER)

NEW QUESTION: 88

Drag and drop the code from the bottom onto the box where the code is missing to perform the login operation and security check on the vManage web server at the specified IP address. Not all code options are used.

```
import requests

login_url = 'https://10.20.20.254:8443/j_security_check'
┌─────────────────────────────────────────────────────────────────────┐
│                                                                       │
└─────────────────────────────────────────────────────────────────────┘
session = requests.session()
┌─────────────────────────────────────────────────────────────────────┐
│                                                                       │
└─────────────────────────────────────────────────────────────────────┘
if b'<html>' in response.content:
    print('Login Failed')
else:
    print('Login Success')
```

| response = session.post(url=login_url, data=login_credentials, verify=False) |

| login_credentials = ('j_username':'admin', 'j_password':'admin') |

| response = session.get(url=login_url, data=login_credentials, verify=False) |

| login_credentials = {'username':'admin', 'password':'admin'} |

| response = session.post(url=login, data=credentials, verify=False) |

| login_credentials = {'j_username':'admin', 'j_password':'admin'} |

Answer:

```
import requests

login_url = 'https://10.20.20.254:8443/j_security_check'
┌─────────────────────────────────────────────────────────────────────┐
│ login_credentials = ('j_username':'admin', 'j_password':'admin')      │
└─────────────────────────────────────────────────────────────────────┘
session = requests.session()
┌─────────────────────────────────────────────────────────────────────┐
│ response = session.get(url=login_url, data=login_credentials, verify=False) │
└─────────────────────────────────────────────────────────────────────┘
if b'<html>' in response.content:
    print('Login Failed')
else:
    print('Login Success')
```

| response = session.post(url=login_url, data=login_credentials, verify=False) |

| login_credentials = ('j_username':'admin', 'j_password':'admin') |

| response = session.get(url=login_url, data=login_credentials, verify=False) |

| login_credentials = {'username':'admin', 'password':'admin'} |

| response = session.post(url=login, data=credentials, verify=False) |

| login_credentials = {'j_username':'admin', 'j_password':'admin'} |

NEW QUESTION: 89

Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-cf96- 143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

https://vmanage-ip-address:8443/dataservice/device/action/reboot [   ] 260faff9-2d31-4312-cf96-143b46db0211

Answer:
deviceId

NEW QUESTION: 90

```
# Simple Application to run a few commands on a Cisco Device
ipaddresses = ['192.168.0.1', "192.168.0.5", "10.10.10.10"]
username = "admin"
password = "cisco123"
commands_to_run=["show ver", "show ip interface brief"]
Debug = True


for device in ipaddresses:
    print ("Logging into "+device+", using "+username+"/"+password)

    # We want to execute commands on our device only if Debug=True

    for commands in commands_to_run:
        print ("    Executing "+commands+" on device: "+device)
```

Refer to the exhibit. What is the expected output from the Python code?

```
Logging into 192.168.0.1, using admin/cisco123
Logging into 192.168.0.5, using admin/cisco123
Logging into 10.10.10.10, using admin/cisco123
        Executing show ver on device: 192.168.0.1
        Executing show ip interface brief on device: 192.168.0.1
        Executing show ver on device: 192.168.0.5
        Executing show ip interface brief on device: 192.168.0.5
        Executing show ver on device: 10.10.10.10
        Executing show ip interface brief on device: 10.10.10.10
```
A.

```
Logging into 192.168.0.1, using admin/cisco123
Logging into 192.168.0.5, using admin/cisco123
Logging into 10.10.10.10, using admin/cisco123
```
B.

```
Simple Application to run a few commands on a Cisco Device
Loggig into 192.168.0.1, using admin/cisco123
We want to execute commands on our device only if Debug=True
        Executing show ver on device: 192.168.0
        Executing show ip interface brief on device: 192.168.0.1
Logging into 192.168.0.5, using admin/cisco123
We want to execute commands on our device only if Debug=True
        Executing show ver on device: 192.168.0.5
        Executing show ip interface brief on device: 192.168.0.5
Logging into 10.10.10.10, using admin/cisco123
We want to execute commands on our device only if Debug=True
        Executing show ver on device: 10.10.10.10
        Executing show ip interface brief on device: 10.10.10.10
```
C.

```
Logging into 192.168.0.1, using admin/cisco123
        Executing show ver on device: 192.168.0.1
        Executing show ip interface brief on device: 192.168.0.1
Logging into 192.168.0.5, using admin/cisco123
        Executing show ver on device: 192.168.0.5
        Executing show ip interface brief on device: 192.168.0.5
Logging into 10.10.10.10, using admin/cisco123
        Executing show ver on device: 10.10.10.10
        Executing show ip interface brief on device: 10.10.10.10
```

D.

Answer: ([SHOW ANSWER](#))

Section: Network Device Programmability

NEW QUESTION: 91

Refer to the exhibit.

```
telemetry ietf subscription 154
  encoding encode-tdl
  filter xpath /memory-ios-xe-oper:memory-statistics/memory-statistic
  source-vrf Mgmt-intf
  stream yang-push
  update-policy periodic 6000
```

The configuration commands are entered in CLI config mode to configure a static telemetry subscription on a Cisco IOS XE device. The commands are accepted by the device, but the consumer receives no telemetry dat a. Which change must be made to ensure that the consumer receives the telemetry data?

A. state: true

B. state: started

C. state: present

D. state: installed

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 92

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

A. implemented over HTTP

B. non-cacheable

C. stateless

D. unencrypted

E. parameters passed in the headers

Answer: (SHOW ANSWER)

NEW QUESTION: 93

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              }
```

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?

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: (SHOW ANSWER)
:

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

NEW QUESTION: 94

Which function is available in NETCONF and unavailable in RESTCONF?

A. configuration changes are automatically activated

B. uses the YANG data models to communicate

C. supports JSON and data encoding

D. validates the content of a candidate datastore

Answer: (SHOW ANSWER)

Reference:

https://www.cisco.com/c/en/us/td/docs/iosxml/ios/prog/configuration/169/b_169_programmability_cg/configuring_yang_datamodel.html

NEW QUESTION: 95

Which protocol should be run on the LAN side of two edge routers (that are terminating primary and backup WAN circuits) to provide quick failover in case of primary WAN circuit failure?

A. RIP

B. VTP

C. STP

D. VRRP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 96

Refer to the exhibit.

```
{
    "Cisco-IOS-XR-ifmgr-cfg:interface-configurations": {
      "interface-configuration": [
        {
          "active": "act",
          "interface-name": "Loopback0",
          "description": "PRIMARY ROUTER LOOPBACK"
        }
      ]
    }
}
```

Which type of YANG container is described by the JSON instance provided?

A. description

B. active

C. interface-name

D. interface-configurations

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 97

FILL BLANK

Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-cf96-143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

https://vmanage-ip-address:8443/dataservice/device/action/reboot [_____] 260faff9-2d31-4312-cf96-143b46db0211

Answer:

"deviceid":

Section: Cisco SD-WAN

Explanation/Reference: https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/
Command_Reference/vManage_REST_APIs/Software_Maintenance_APIs/Reboot_Device

NEW QUESTION: 98

Fill in the blank to complete the URL for the Cisco SD-WAN API that retrieves a list of users that are logged into a device.

http://<vmanage-ip-address>/dataservice/device/[_____] deviceid=<deviceid>>

Answer:

interface

Explanation:

https://vmanage-ip-address/dataservice/device/interface?deviceId=deviceId

NEW QUESTION: 99

Refer to the exhibit.


```
import requests
import sys

requests.package.urllib3.disable_warnings()

HOST = '10.1.2.3'
PORT = 9443
USER = 'user'
PASS = 'password'

def main():
    url = "https://{h}:{p}/restconf/data/Cisco-IOS-XE-native:native/
hostname".format(h=HOST, p=PORT)

    headers = {'Content-Type': 'application/[          ]',
               'Accept': 'application/[          ]'}
    response = requests.get(url, auth=(USER,PASS),
                            headers=headers, verify=False)
    print(response.text)

if __name__ == '__main__':
    sys.exit(main())
```

An engineer creates a Python script using RESTCONF to display hostname information. The code must be completed so that it can be tested.

Which string completes the highlighted areas in the exhibit?

A. json

B. yang-data+json

C. yang.data+json

D. yang +json

Answer: (SHOW ANSWER)

NEW QUESTION: 100

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

Answer: B (LEAVE A REPLY)

Section: Cisco DNA Center

NEW QUESTION: 101

Refer to the exhibit.

> "https://vmanage-ip-address:8443/dataservice/template/policy/vsmart/activate/{policyId}"

A Python script must be created to deactivate vSmart Policy Cisco SD-WAN vManage Configuration APIs. The documentation states the URL is as shown in the exhibit for this REST call using POST, and that "policyId" is a required request parameter. Which line of Python code makes this call, assuming the variable "s" is a valid Requests session object and the variable "policy-id" is the policyId?

A. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/%s' % policy_id)

B. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate&policyId=%s' % policy_id)

C. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate?policyId=%s' % policy_id)

D. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/', data = {'policyId': policy_id})

Answer: (SHOW ANSWER)

NEW QUESTION: 102

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                         }
```

Cisco SD-WAN deployment must be fixed using vManage APIs. A call to vEdge Hardware Health API returns the data in the exhibit (only a portion is shown). If the JSON shown in the exhibit is converted to a Python dictionary named "d", how is the "status" property referenced?

A. d[data][0][statusList][0][status]

B. d{'data'}[0]{'statusList'}[0]{'status'}

C. nbvnbvvnbhg

D. d['data']['statusList']['status']

Answer: (SHOW ANSWER)

NEW QUESTION: 103

Refer to the exhibit.

```
https://ios-xe:9443/restconf/data/ietf-routing:routing/routing-
instance=default/

<routing-instance xmlns:"urn:ietf:params:xml:ns:yang:ietf-
routing" xmlns:rt="urn:ietf:params:xml:ns:yang:ietf-routing">
    <name>default</name>
    <description>default-vrf [read-only]</description>
    <routing-protocols>
        <routing-protocol>
            <type>static</type>
            <name>1</name>
            <static-routes>
                <ipv4 xmlns:"urn:ietf:params:xml:ns:yang:ietf-
ipv4-unicast-routing">
                    <route>
                        <destination-
prefix>0.0.0.0/0</destination-prefix>
                            <next-hop>
                                <outgoing-
interface>GigabitEthernet1</outgoing-interface>
                            </next-hop>
                    </route>
                </ipv4>
            </static-routes>
        </routing-protocol>
    </routing-protocols>
</routing-instance>
```

A RESTCONF GET request is sent to a Cisco IOS XE device. The base URL of the request and the response in XML format are shows in the exhibit. what is the YANG data node that is referenced in the response?

A. Routing-instance is a container

B. Static-routes is a container

C. Route is a leaf list

D. Static-router is a list

Answer: (SHOW ANSWER)

NEW QUESTION: 104


```
module: ietf-ip
  augment /if:interfaces/if:interface:
    +--rw ipv4!
    |   +--rw enabled?       boolean
    |   +--rw forwarding?    boolean
    |   +--rw mtu?           uint16
    |   +--rw address* [ip]
    |   |   +--rw ip                  inet:ipv4-address-no-zone
    |   |   +--rw (subnet)
    |   |   |   +--:(prefix-length)
    |   |   |   |   +--rw prefix-length?       uint8
    |   |   |   +--:(netmask)
    |   |   |       +--rw netmask?            yang:dotted-quad (ipv4-non-contiguous-netmasks)?
    |   |   +--ro origin?             ip-address-origin
    |   +--rw neighbor* [ip]
    |       +--rw ip                  inet:ipv4-address-no-zone
    |       +--rw link-layer-address  yang:phys-address
```

Refer to the exhibit. Which NETCONF statement type is represented by +--rw address* [ip]?

A. list

B. leaf-list

C. container

D. submodule

Answer: (SHOW ANSWER)

Section: Automate APIs and Protocols

Explanation:

Symbols after data node names: "?" means an optional node, "!" means a presence container, and "*" denotes a list and leaf-list.

NEW QUESTION: 105

Fill in the blanks to complete this API request against the Cisco SD_WAN vManage Statistics API, which specified a deviceId of 260faff9-2d31-4312-cf96-143b46db0211, a local-color of biz-internet, and a remote- color of gold.

```
https://vmanage-ip-address:8443/dataservice/device/app-route/statistics?[          ] 260faff9-2d31-4312-
cf96-143b46db0211 [          ]    biz-internet [          ]    gold
```

Answer:

deviceId= , &local-color= , &remote-color=

Reference:

https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/ vManage_REST_APIs/Real-Time_Monitoring_APIs/Application-Aware_Routing#Statistics

NEW QUESTION: 106

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

Answer: (SHOW ANSWER)

NEW QUESTION: 107

Refer to the exhibit.

A Python script has been created that calls the Cisco SD-WAN vManage Device Inventory API to get the list of vEdges. The JSON data that returns to a Python dictionary has been converted and assigned to a variable named "d". A portion of the JSON is shown in the exhibit. Which code will complete the expression hostname= to access the hostname?

A. d["data"][0]["host-name"]

B. d[data][0][host-name]

C. d("data")[0]("host-name")

D. d["host-name"]["data"]{"0"}

Answer: ([SHOW ANSWER](#))

Explanation

The double-quotations are a necessary syntax of Python. And for the json portion doesnt use parentheses. It always uses brackets. d["data"][0]["host-name"] is the only logical answer.

NEW QUESTION: 108

Refer to the exhibit.

```
<rpc message-id="101" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <establish-subscription
     xmlns="urn:ietf:params:xml:ns:yang:ietf-event-notifications"
     xmlns:yp="urn:ietf:params:xml:ns:yang:ietf-yang-push">
  <stream>yp:yang-push</stream>
  <yp:xpath-filter>/mdt-oper:mdt-oper-data/mdt-subscriptions</yp:xpath-filter>
  <yp:            >1000</yp:            >
  </establish-subscription>
</rpc>
```

Which XML tag completes this NETCONF telemetry subscription with a Cisco IOS XE device?

A. crontab

B. cadence

C. frequency

D. period

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1610/b_1610_programmability_cg/model_driven_telemetry.html

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1610/b_1610_programmability_cg/model_driven_telemetry.html

NEW QUESTION: 109

Drag and drop the code from the bottom onto the box where the code is missing to construct a Python script to automate the process of updating the site-to-site VPN settings of the network. Not all options are used.

```python
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/[          ]"

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1892489", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", [          ] }
    ]
}
headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                            headers=headers,
                            [          ] )
print(response.text.encode('utf8'))
```

"useVpn": True	networksVpn
data=payload	siteToSiteVpn

Answer:

```
import requests

url = "https://api.meraki.com/api/v0/networks/{{networkId}}/ siteToSiteVpn  "

payload = {
    "mode": "spoke",
    "hubs": [
        {"hubId": "N_4901849", "useDefaultRoute": True},
        {"hubId": "N_1892489", "useDefaultRoute": False}
    ],
    "subnets": [
        {"localSubnet": "192.168.1.0/24", "useVpn": True},
        {"localSubnet": "192.168.128.0/24", "useVpn": True}
    ]
}
headers = {
    'Accept': '*/*',
    'Content-Type': 'application/json'
}

response = requests.request("PUT", url,
                            headers=headers,
                            data=payload    )
print(response.text.encode('utf8'))
```

| "useVpn": True | networksVpn |
| data=payload | siteToSiteVpn |

NEW QUESTION: 110

What are two benefits of leveraging Ansible for automation of Cisco IOS XE Software? (Choose two.)

A. Ansible playbooks are packaged and installed on IOS XE devices for automatic execution when an IOS device reboots.

B. All IOS XE operating systems include Ansible playbooks for basic system administration tasks.

C. It is a device-independent method for automation and can be used with any type of device or operating system.

D. Ansible playbooks can be written from the IOS XE EXEC command line to configure the device itself.

E. It does not require any modules of software except SSH to be loaded on the network device.

Answer: (SHOW ANSWER)

Section: Network Programmability Foundation

Explanation/Reference: https://developer.cisco.com/learning/modules/intro-ansible-iosxe/ansible-overview/step/4

NEW QUESTION: 111

Fill in the blank to complete the URL for an API call to Cisco SD-WAN to display the history of the Bidirectional Forwarding Detection sessions that run on a vEdge router.

https://<vmanage-ip-address>/dataservice/device/[   ]deviceid=<deviceid>

Answer:

bfd/synced/sessions?

Explanation

https://vmanage-ip-address/dataservice/device/bfd/synced/sessions?deviceId=deviceId

NEW QUESTION: 112

Refer to the exhibit.

```
<rpc message-id="101" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <establish-subscription
      xmlns="urn:ietf:params:xml:ns:yang:ietf-event-notifications"
      xmlns:yp="urn:ietf:params:xml:ns:yang:ietf-yang-push">
    <stream>yp:yang-push</stream>
    <yp:xpath-filter>/mdt-oper:mdt-oper-data/mdt-subscriptions</yp:xpath-filter>
    <yp:[        ]>1000</yp:[        ]>
  </establish-subscription>
</rpc>
```

Which XML tag completes this NETCONF telemetry subscription with a Cisco IOS XE device?

A. cadence

B. crontab

C. frequency

D. period

Answer: (SHOW ANSWER)

NEW QUESTION: 113

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

A. Option A
B. Option B
C. Option C
D. Option D
Answer: (SHOW ANSWER)
Explanation
PUT is used to update the snmp network ID. The access has to be community and not users. Therefore, option B is correct.

NEW QUESTION: 114
An engineer is configuring a new mobility anchor for a WLAN on the CLI with the config wlan mobility anchor add 3 10.10.10.10 command, but the command is failing. Which two conditions must be met to be able to enter this command? (Choose two.)
A. The anchor controller IP address must be within the management interface subnet.
B. The anchor controller must be in the same mobility group.
C. The WLAN ID must be enabled.
D. The mobility group keepalive must be configured.
E. The indicated WLAN ID must be present on the controller.
Answer: A,B (LEAVE A REPLY)
Explanation/Reference:

NEW QUESTION: 115

Which statement describe the difference between OpenConfig and native YANG data models?

A. Native models are developed by individual developers and designed to apply configurations on platforms.

B. Native models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.

C. Native models are designed to be independent of the underlying platform and are developed by vendors and standards bodies, such as the IETF.

D. OpenConfig models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.

Answer: (SHOW ANSWER)

NEW QUESTION: 116

In which two use cases should a Python virtual environment be used? (choose two.)

A. When developing multiple Python projects in the same environment that have conflicting Python package versions.

B. When developing multiple Python projects in the same environment that have the same Python package version requirements.

C. When creating a new project with several development environments in a multi-project development system across the infrastructure.

D. When developing the same Python application across multiple systems using the same application requirements.

E. When creating a new project that has a clean development environment in a multi-project development system.

Answer: (SHOW ANSWER)

NEW QUESTION: 117

What is the purpose of using the Cisco SD-WAN vManage Certificate Management API?

A. to request a certificate from the certificate server

B. to allocate resources to the certificate server

C. to generate a CSR

D. to enable vManage Center

Answer: (SHOW ANSWER)

NEW QUESTION: 118

Drag and drop the commands to the Ansible playbook that applies configuration to an interface on a Cisco IOS XE device. Not all options are used.

Answer:

Answer Area

```
                    - name: configure interface settings
ioscmd   interface    ios_config:
                        lines:
parents    iosxe           -ip address 172.31.1.1 255.255.255.0
                           -no shutdown
iosconfig  ios_config      parents : interface GigabitEthernet1/0
```

NEW QUESTION: 119

Refer to the exhibit.

```
<rcp xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="101">
  <get>
    <filter>
      <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
        <ntp>
          <server xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp">
            <server-list>
              <ip-address>10.11.10.65</ip-address>
            </server-list>
          <server
        </ntp>
      </native>
      <ntp-oper-data xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp-oper">
        <ntp-status-info>
          <ntp-associations>
            <peer-stratum/>
          </ntp-associations>
        </ntp-status-info>
      </ntp-oper-data>
    </filter>
  </get>
</rcp>
```

How many YANG models does the NETCONF <get> operation interact with?

A. one

B. two

C. three

D. four

Answer: (SHOW ANSWER)

Explanation

The get operation tag is at the beginning of the document. It interacted only with NTP and its related services.

There get operation interacted only with one model.

NEW QUESTION: 120

Which two factors influence the location accuracy of a device using Scanning APIs? (Choose two.)

A. AP placement

B. device manufacturer/OS

C. client device orientation

D. battery life of the device

E. amount of device antennas

Answer: ([SHOW ANSWER](#))

Section: Cisco Meraki

Explanation:

The geo-location coordinates (latitude, longitude) and X,Y location data accuracy can vary based on a number of factors and should be considered a best effort estimate. AP placement, environmental conditions, and client device orientation can influence X,Y estimation; experimentation can help improve the accuracy of results or determine a maximum acceptable uncertainty for data points.

Reference: https://developer.cisco.com/meraki/guides/location-services-solution-guide/

NEW QUESTION: 121

Which statement is true for Cisco IOS XE Software?

A. RESTCONF supports JSON and XML and NETCONF supports XML.

B. RESTCONF supports XML and NETCONF supports JSON and XML.

C. RESTCONF and NETCONF supports JSON and XML.

D. RESTCONF supports XML and NETCONF supports JSON.

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/169/b_169_programmability_cg/restconf_programmable_interface.html

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/169/b_169_programmability_cg/restconf_programmable_interface.html

NEW QUESTION: 122

The automation engineer must replace device configuration using RESTCONF. How is this configured using the Python library Requests?

A. delete()

B. post()

C. put()

D. patch()

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.html
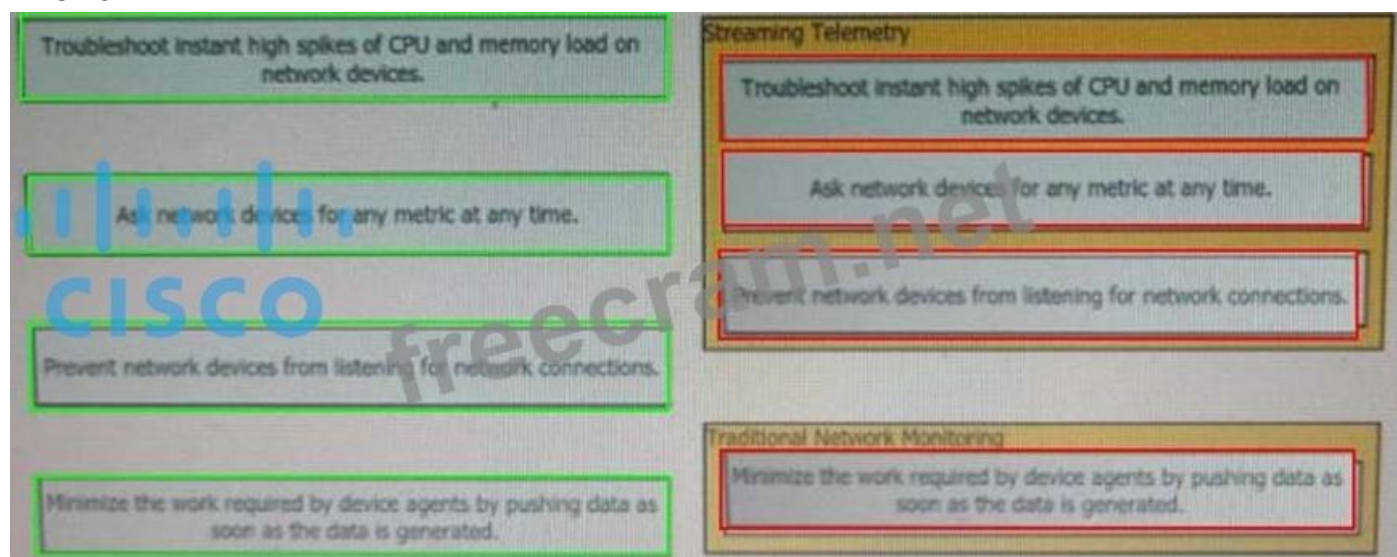
https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.html

NEW QUESTION: 123

Drag and drop the characteristic from the left onto the monitoring type described on the right
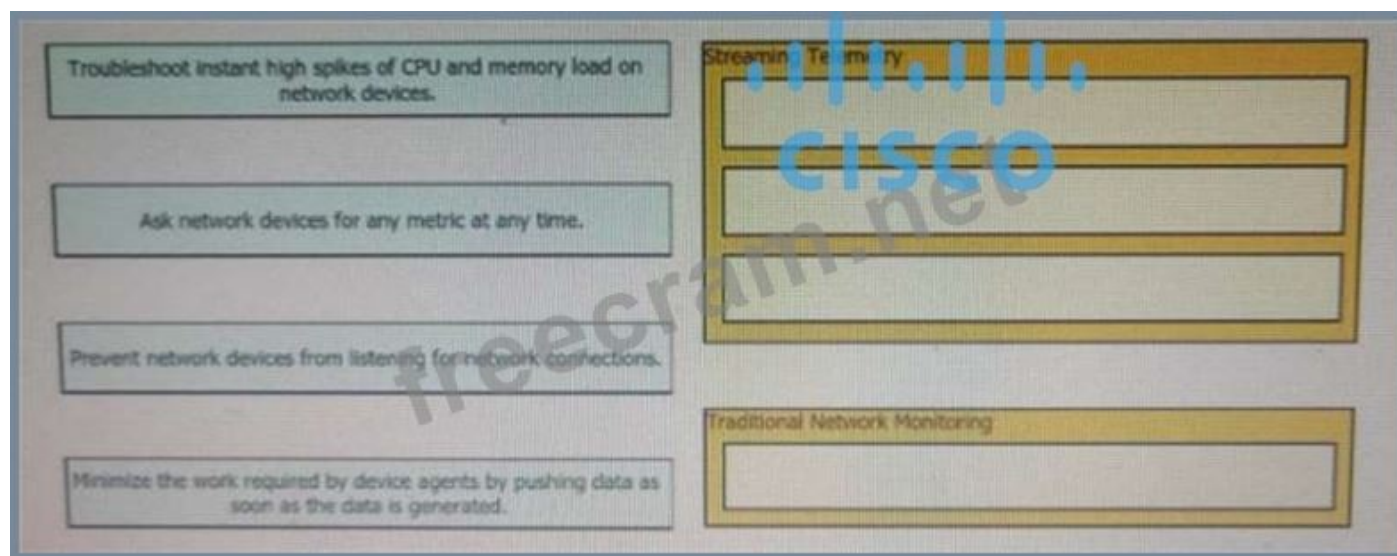
Answer:

Reference:

https://www.cisco.com/c/en/us/td/docs/iosxr/ncs5500/telemetry/70x/b-telemetry-cg-ncs5500-70x/b-telemetry-cg-ncs5500-70x_chapter_010.html

NEW QUESTION: 124

What does the command boot ipxe forever switch 1 perform when executed on a Cisco IOS XE device?

A. It continuously sends DHCP requests for iPXE until the device boots with an image.

B. It continuously sends DNS requests for iPXE until the device restarts.

C. It continuously sends DNS requests for iPXE until the device boots with an image.

D. It continuously sends DHCP requests for iPXE until the device restarts.

Answer: (SHOW ANSWER)

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3850/software/release/16-5/configuration_guide/prog/b_165_prog_3850_cg/ipxe.html

NEW QUESTION: 125

Refer to the exhibit.

```
<rcp xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="101">
  <get>
    <filter>
      <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
        <ntp>
          <server xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp">
            <server-list>
              <ip-address>10.11.10.65</ip-address>
            </server-list>
            <server
        </ntp>
      </native>
      <ntp-oper-data xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp-oper">
        <ntp-status-info>
          <ntp-associations>
            <peer-stratum/>
          </ntp-associations>
        </ntp-status-info>
      </ntp-oper-data>
    </filter>
  </get>
</rcp>
```

How many YANG models does the NETCONF <get> operation interact with?

A. one

B. two

C. three

D. four

Answer: (SHOW ANSWER)

Explanation

The get operation tag is at the beginning of the document. It interacted only with NTP and its related services.

There get operation interacted only with one model.

NEW QUESTION: 126

Setting is used for the dampening period when configuring an on-change publication for YANG-push versus OpenConfig.

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

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

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

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

D. Calls are limited to specific programming languages

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

Answer: (SHOW ANSWER)

Section: Automate APIs and Protocols

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

NEW QUESTION: 127

```
<rcp xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="101">
  <get>
    <filter>
      <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
        <ntp>
          <server xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp">
            <server-list>
              <ip-address>10.11.10.65</ip-address>
            </server-list>
            <server
          </ntp>
      </native>
      <ntp-oper-data xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ntp-oper">
        <ntp-status-info>
          <ntp-associations>
            <peer-stratum/>
          </ntp-associations>
        </ntp-status-info>
      </ntp-oper-data>
    </filter>
  </get>
</rcp>
```

Refer to the exhibit. How many YANG models does the NETCONF <get> operation interact with?

A. one

B. two

C. three

D. four

Answer: (SHOW ANSWER)

Section: Automate APIs and Protocols

Explanation:

The get operation tag is at the beginning of the document. It interacted only with NTP and its related services.

There get operation interacted only with one model.

NEW QUESTION: 128

Refer to the exhibit.

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

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

A. timezone

B. disableMyMerakiCom

C. type

D. tags

E. organizationId

Answer: (SHOW ANSWER)

:

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.