Cisco

Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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NEW QUESTION 1

```
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
```

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

A. <edit-config>
B. <get>
C. <get-config>
D. <copy-config>

Answer: A

NEW QUESTION 2

```
<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: A

NEW QUESTION 3
Which statement is true for Cisco IOS XE Software?

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

NEW QUESTION 4
Which curl command is used to update the SNMP community of network ID "1234567" to read-only?
A.

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

B.

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

C.

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

D.

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

A.

Answer: B

NEW QUESTION 5
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: C

NEW QUESTION 6

```
- name: Create VRFs as defined by local_vrfs
    ios_vrf:
        vrfs: "{{ local_vrfs }}"

        state: [          ]

    register: addvrf
```

Refer to the exhibit. 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. present
B. up
C. on
D. active

Answer: A

NEW QUESTION 7

```
<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: D

NEW QUESTION 8
Which two statements are benefits of YANG-push telemetry data over traditional data collection methods? (Choose two.)

A. The subscription requests use less bandwidth than SNMP polls.
B. It uses UDP rather than TCP.
C. You can precisely define data subscriptions.
D. It scales better than SNMP.
E. It is supported on more devices than SNMP.

Answer: BC

NEW QUESTION 9

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

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

A. config=m.copy_config(source='running')
B. config=m.get(source='running')
C. config=m.collect_config(source='running')
D. config=m.get_config(source='running')

Answer: A

NEW QUESTION 10
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
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
deviceID=, local-color, remote-color

NEW QUESTION 10
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/site/siteId
B. /dna/intent/api/site
C. /dna/intent/api/v1/site
D. /dna/intent/api/v1/site/siteName

Answer: C

NEW QUESTION 12
When a Grafana dashboard is built to receive network events from Cisco DNA Center, which integration bundle is enabled to send notifications?

A. Basic ITSM CMDB Synchronization
B. DNA Center Rest API
C. Network Events for REST API Endpoint
D. Network Issue Monitor and Enrichment for ITSM

Answer: B

NEW QUESTION 14
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: D

NEW QUESTION 16
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
B. PUT /dna/intent/api/v1/network-device/sync-all
C. PUT /dna/intent/api/v1/network- device/{networkDeviceId}/sync
D. PUT /dna/intent/api/v1/network-device/sync
E. POST /dna/intent/api/v1/network- device/{networkDeviceId}/sync

Answer: CE

NEW QUESTION 19
Which two API calls must be issued to attach a device template in Cisco SD-WAN? (Choose two.)

A. "monitor device action status" GET API request with the device ID to display the status of the attach action
B. "monitor device action status" GET API request with the process ID to display the status of the attach action
C. PUT call to initiate the attach action
D. POST call to initiate the attach action
E. GET call to initiate the attach action

Answer: BD

NEW QUESTION 24
During a network outage, a network administrator used the Cisco SD-WAN vManage Troubleshooting Dashboard APIs to troubleshoot the cause of the issue. Which detail is captured during troubleshooting with these APIs?

A. VPN health
B. public cloud resources
C. connections summary
D. OMP connection health

Answer: C

NEW QUESTION 26
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: B

NEW QUESTION 28
Which URI removes an administrator from a Meraki network using an API call?

A. DELETE https://api/meraki.com/api/v0/organizations/<org_id>/admins/<admin_id>
B. DELETE https://api/meraki.com/api/v0/admins/<admin_id>
C. PUT https://api/meraki.com/api/v0/organizations/<org_id>/admins/?delete=<admin_id>
D. DELETE https://api/meraki.com/api/v0/organizations/<org_id>/admins/<user>

Answer: A

NEW QUESTION 32
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