Cisco

Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

NEW QUESTION 1
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: AC

NEW QUESTION 2
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
```

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

Answer: A

NEW QUESTION 3
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: CE

NEW QUESTION 4

```
<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 5
Which statement describe the difference between OpenConfig and native YANG data models?

A. Native models are designed to be independent of the underlying platform and are developed by vendors and standards bodies, such as the IETF.
B. Native models are developed by individual developers and designed to apply configurations on platforms.
C. OpenConfig models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.
D. Native models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.

Answer: A

NEW QUESTION 6

```
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())
```

Refer to the exhibit. 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 +json
C. yang.data+json
D. json

Answer: A

NEW QUESTION 7
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 8
Which two Netmiko methods are used to configure a device? (Choose two.)

A. send_config()
B. send_control_from_file()
C. send_config_set()
D. send_command()
E. send_config_from_file()

Answer: CE

NEW QUESTION 9

```
- 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 10

```
<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 10
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 15
Webhook that are generated by Cisco DNA Center are REST calls with which properties?

A. JSON payload delivered via PUT
B. XML payload delivered via POST
C. JSON payload delivered via POST
D. XML payload delivered via PUT

Answer: A

NEW QUESTION 18
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 20
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: AC

NEW QUESTION 25
What is the purpose of using the Cisco SD-WAN vManage Certificate Management API?

A. to generate a CSR
B. to allocate resources to the certificate server
C. to request a certificate from the certificate server
D. to enable vManage Center

Answer: A

NEW QUESTION 27
What is primary purpose of using the Cisco SD-WAN vManage Certificate Management API?

A. to securely deploy vManage
B. to report an issue to Cisco TAC
C. to install signed certificates
D. to contact Enterprise Certificate Authority

Answer: A

NEW QUESTION 32
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 34
Which two types of solution are built with the Meraki Location Scanning API? (Choose two.)

A. networking automation
B. mapping
C. guest Wi-Fi
D. Sense
E. wayfinder

Answer: BE

NEW QUESTION 39
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: D

NEW QUESTION 41
Which REST endpoint is used to create a Cisco Meraki network?

A. POST /organizations/{organizationId}/networks
B. PATCH /networks{networkId}
C. PUT /organizations/{organizationId}/networks
D. POST /networks{networkId}

Answer: A

NEW QUESTION 45
Which HTTP request is valid to create a new wireless network called "Demo Wireless Network" in the organization "QASD- EROA-MKAW"?

A.
```
POST /organizations/networks
Host: https://api.meraki.com/api/v0

{
        "name": "Demo Wireless Network",
        "organizationId": "QASD-EROA-MKAW",
        "type": "wireless"
}
```

B.
```
POST /organizations/QASD-EROA-MKAW/networks
Host: https://api.meraki.com/api/v0

{
        "name": "Demo Wireless Network",
        "type": "combined"
}
```

C.

```
POST /organizations/QASD-EROA-MKAW/networks
Host: https://api.meraki.com/api/v0

{
     "name": "Demo Wireless Network",
     "organizationId": "QASD-EROA-MKAW",
     "type": "wireless"
}
```

Answer: A

NEW QUESTION 46
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