Cisco

Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

NEW QUESTION 1
What are two characteristics of RPC API calls? (Choose two.)

A. They can be used only on network devices.
B. They use only UDP for communications.
C. Parameters can be passed to the calls.
D. They must use SSL/TLS.
E. They call a single function or service.

Answer: AC

NEW QUESTION 2
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 3

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

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: A

NEW QUESTION 4

```
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 5

```python
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 6
DRAG DROP
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.
Select and Place:

Answer Area

ioscmd	interface
parents	iosxe
iosconfig	ios_config

```
- name: configure interface settings
  [        ]:
      lines:
          -ip address 172.31.1.1 255.255.255.0
          -no shutdown
      [        ]: interface GigabitEthernet1/0
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

ioscmd	interface
parents	iosxe
iosconfig	ios_config

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

NEW QUESTION 7
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: D

NEW QUESTION 8

```
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 9
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 10
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: B

NEW QUESTION 10
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 11

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

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: A

NEW QUESTION 13

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

Refer to the exhibit. 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?policyId=%s' % policy_id)
B. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/%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: A

NEW QUESTION 18
Which Python snippet receives a Meraki webhook request?
A.

```
@app.route('/mynet/webhook', methods=['PUT'])
@app.accept_body(WebhookSchema)
def receive_webhook(**kwargs):
        send_sms_alert(kwargs['alertType'])
```

A.
```
@app.route('/mynet/webhook', methods=['GET'])
@app.accept_body(WebhookSchema)
def receive_webhook(**kwargs):
        send_sms_alert(kwargs['alertType'])
```

B.
```
@app.route('/mynet/webhook', methods=['PATCH'])
@app.accept_body(WebhookSchema)
def receive_webhook(**kwargs):
        send_sms_alert(kwargs['alertType'])
```

C.
```
@app.route('/mynet/webhook', methods=['POST'])
@app.accept_body(WebhookSchema)
def receive_webhook(**kwargs):
        send_sms_alert(kwargs['alertType'])
```

Answer: D

NEW QUESTION 19

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

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

A. timezone
B. disableMyMerakiCom
C. type
D. tags
E. organizationId

Answer: AE

NEW QUESTION 24
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