

300-435 Dumps

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

<https://www.certleader.com/300-435-dumps.html>



NEW QUESTION 1

Which two actions do Python virtual environments allow users to perform? (Choose two.)

- A. Simplify the CI/CD pipeline when checking a project into a version control system, such as Git.
- B. Efficiently port code between different languages, such as JavaScript and Python.
- C. Run and simulate other operating systems within a development environment.
- D. Quickly create any Python environment for testing and debugging purposes.
- E. Quickly create an isolated Python environment with module dependencies.

Answer: DE

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

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 4

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 5

```
<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 6

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", \
    "username": "snmp", \
    "passphrase": "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 7

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 8

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 9

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 10

FILL BLANK

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Zero touch provisioning (ZTP)

NEW QUESTION 10

```

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 11

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 16

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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.

NEW QUESTION 20

```

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          }
18        ]
19      }
20    ]
21  }

```

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: B

NEW QUESTION 24

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 26

FILL BLANK

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>>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

interface?

NEW QUESTION 27

“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 29

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 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 38

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

- A. /merakimv/XXXX-XXXX-XXXX/light
- B. /merakimv/XXXX-XXXX-XXXX/raw_detections
- C. /merakimv/XXXX-XXXX-XXXX/0
- D. /merakimv/XXXX-XXXX-XXXX/zones

Answer: A

NEW QUESTION 43

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 48

```
{
  "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 51

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 54

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