

## 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**

```
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"
}
```

Refer to the exhibit. 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)
```

**Answer:** B

**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

```
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: B

#### NEW QUESTION 5

```
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 6

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 7



```
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 8

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 9**

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**

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:** A

**NEW QUESTION 10**

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 12**

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 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 19**

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 23**

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 28

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:** B

### NEW QUESTION 29

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 33**

**“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 36**

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 40**

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