

## Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

<https://www.2passeasy.com/dumps/300-435/>



### 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

Which two features are foundations of a software-defined network instead of a traditional network? (Choose two.)

- A. control plane and data plane are tightly coupled
- B. build upon a robust software stack
- C. requires device by device-level configurations
- D. automated through expressed intent to a software controller
- E. requires significant physical hardware resources

Answer: BD

### 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

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 6**

```
<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: <input type="text" value=">1000</input> <input type="text" value="> >
  </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 7**

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 8**

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 9**

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 10**

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 10

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 14

```
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 19

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 20

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 24

```
{
  'data':
  [
    {
      'availableVersions': []
      'chassisNumber': '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 29**

FILL BLANK

Fill in the blank to complete the URL for an API call to Cisco SD-WAN to display the history of the Bidirectional Forwarding Detection sessions that run on a vEdge router.

[https://<vmanage-ip-address>/dataservice/device/\[ \] deviceid=<deviceid>](https://<vmanage-ip-address>/dataservice/device/[ ] deviceid=<deviceid>)

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

bfd/synced/sessions?

**NEW QUESTION 32**

```
"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 35**

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