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 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 3

```
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 4

```json
{
    "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 5

```yaml
- 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 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:[        ]>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 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
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 9
In which direction does the Cisco DNA Center Intent API communicate?

A. westbound
B. eastbound
C. northbound
D. southbound

Answer: C

NEW QUESTION 10
Which two features are characteristics of software-defined networks when compared to traditional infrastructure? (Choose two.)

A. configured box-by-box
B. changed manually
C. use overlay networks
D. designed to change
E. require software development experience to manage

Answer: CD

NEW QUESTION 10

```
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                    }
```

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 15
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
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 25
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 27

```
{
   '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 28
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 32
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