Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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

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
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 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

```
<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 5
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 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", \
        "usersname":"snmp", \
        "passphase":"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

```
module: ietf-ip
  augment /if:interfaces/if:interface:
    +--rw ipv4!
    |  +--rw enabled?       boolean
    |  +--rw forwarding?   boolean
    |  +--rw mtu?           uint16
    |  +--rw address* [ip]
    |  |  +--rw ip                      inet:ipv4-address-no-zone
    |  |  +--rw (subnet)
    |  |  |  +--:(prefix-length)
    |  |  |  |  +--rw prefix-length?         uint8
    |  |  |  +--:{netmask}
    |  |  |     +--rw netmask?            yang:dotted-guad (ipv4-non-contiguous-netmasks)?
    |  |  +--ro origin?           ip-address-origin
    |  +--rw neighbor* [ip]
    |     +--rw ip                      inet:ipv4-address-no-zone
    |     +--rw link-layer-address     yang:phys-address
```

Refer to the exhibit. Which NETCONF statement type is represented by +--rw address* [ip]?

A. list
B. leaf-list
C. container
D. submodule

Answer: A

NEW QUESTION 8
Which two Netmiko methods are used to configure a device? (Choose two.)

A. send_config()

B. send_control_from_file()
C. send_config_set()
D. send_command()
E. send_config_from_file()

Answer: CE

NEW QUESTION 9
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 10

```
<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 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 13

```
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 18
FILL BLANK
Fill in the blanks to complete this API request against the Cisco SD_WAN vManage Statistics API, which specified a deviceId of 260faff9-2d31-4312-cf96-143b46db0211, a local-color of biz-internet, and a remote-color of gold.

https://vmanage-ip-address:8443/dataservice/device/app-route/statistics?[   ] 260faff9-2d31-4312-cf96-143b46db0211 [   ] biz-internet [   ] gold

A. Mastered
B. Not Mastered

Answer: A

Explanation:
deviceID=, local-color, remote-color

NEW QUESTION 22
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 26
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 31
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 35
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 40
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 42
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 45
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 47
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 52
FILL BLANK

https://vmanage-ip-address:8443/dataservice/device/action/reboot [   ] 260faff9-2d31-4312-cf96-143b46db0211

Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-cf96-143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
"deviceid":

NEW QUESTION 54
What is the purpose of using the Cisco SD-WAN vManage Certificate Management API?

A. to generate a CSR
B. to allocate resources to the certificate server
C. to request a certificate from the certificate server
D. to enable vManage Center

Answer: A

NEW QUESTION 55
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 59
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 60
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 61
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 63
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>`

A. Mastered
B. Not Mastered

Answer: A

Explanation:

bfd/synced/sessions?

NEW QUESTION 66

```
{
  "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 69
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