Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)

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

NEW QUESTION 1
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 2

```
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 3
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 4

```
<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 5

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 6

```
from device_info import ios_xe1
from ncclient import manager
import xmltodict

netconf_filter = open('filter-ietf-interfaces.xml").read()

if __name__ == '__main__':
    with manager.connect(host=ios_xe1["address"],
                         port=ios+xe1["port"],
                         username=ios+xe1["username"],
                         password=ios+xe1["password"],
                         hostkey_verify=False) as m:

        netconf_reply = m.get(netcong_filter)

        intf_details = xmltodict.parse(netconf_reply.xml)["rpc-reply"]["data"]
        intf_config = intf_details["interfaces"]["interface"]
        intf_info = intf_details["interfaces-state"]["interface"]

        print("")
        print("Interface Details:")
        print(" Name: {}".format(         ["name"]))
        print(" Description: {}".format(intf_config["description"]))
        print(" Type: {}".format(intf_config["type"]["#text"]))
        print(" MAC Address: {}".format(intf_info["phys-address"]))
        print(" Packet Input: {}".format(intf_info["statistics"]["in-unicast-pkts"]))
        print(" Packet Output: {}".format(intf_info["statistics"]["out-unicast-pkts"]))
```

```
<filter>
   <interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
     <interface>
       <name>GigabitEthernet2</name>
     </interface>
   </interfaces>
   <interfaces-state xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
     <interface>
       <name>GigabitEthernet2</name>
     </interface>
   </interfaces-state>
</filter>
```

Refer to the exhibits. An engineer creates a Python scripts using ncclient to display interface information. The code must be completed so that it can be tested. Which expression completes the highlighted section in the format call?

A. intf_info
B. intf_config
C. intf_get
D. intf_config[0]

Answer: A

NEW QUESTION 7

```
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 8
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 9
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 10
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 14
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 17
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 18
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 21
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 23
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 26
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 30
Which REST endpoint is used to create a Cisco Meraki network?

A. POST /organizations/{organizationId}/networks
B. PATCH /networks{networkId}
C. PUT /organizations/{organizationId}/networks
D. POST /networks{networkId}

Answer: A

NEW QUESTION 32

```
{
  "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 36
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 40
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