

Cisco

Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)



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

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 3

```
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 4

```
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 5

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 6

```
- 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 7

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 8

```
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 9

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 10

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

In which direction does the Cisco DNA Center Intent API communicate?

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

Answer: C

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 16

A configuration has been made to add to every switch port a new port description. The script worked initially, but after a few seconds, an HTTP 429 status code was received. What causes this error message from the Meraki cloud?

- A. The wrong API key is used to query the data.
- B. The rate limit of the Cisco Meraki API is exceeded.
- C. The API key has expired.
- D. The device goes offline while you poll the API dashboard.

Answer: B

NEW QUESTION 18

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 21

Which URI removes an administrator from a Meraki network using an API call?

- A. DELETE https://api/meraki.com/api/v0/organizations/<org_id>/admins/<admin_id>
- B. DELETE https://api/meraki.com/api/v0/admins/<admin_id>
- C. PUT https://api/meraki.com/api/v0/organizations/<org_id>/admins/?delete=<admin_id>
- D. DELETE https://api/meraki.com/api/v0/organizations/<org_id>/admins/<user>

Answer: A

NEW QUESTION 23

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