



300-535^{Q&As}

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**QUESTION 1**

curl -u john:password http://192.168.10.20

Refer to the exhibit. Which HTTP authentication mechanism is being used?

- A. simple
- B. basic
- C. OAuth
- D. token

Correct Answer: B

QUESTION 2

Which NETCONF datastore is locked while the network device configuration is edited?

- A. running
- B. common
- C. startup D. working

Correct Answer: A

QUESTION 3

What are two advantages of using Python virtual environments? (Choose two.)

- A. They allow for multiple Python projects to use different versions of the same dependency without conflict.
- B. They allow multiple Python applications to share virtual memory between subprocesses.
- C. They allow for isolated environments where each can use a different version of Python.
- D. They allow for all Python projects to utilize the same set of shared dependencies.
- E. They allow for multiple virtual machines to share a single Python environment.

Correct Answer: AC

QUESTION 4

After a configuration request is sent using NETCONF, which call releases any locks and resources associated with the



session?

- A.
- B.
- C.
- D.

Correct Answer: C

Reference: <https://tools.ietf.org/html/rfc6241>

QUESTION 5



```
#!/user/bin/env python

import json
import requests

NE = {
    "device":{
        "name": "ios-device",
        "address": "192.168.0.1",
        "port":22,
        "state":{
            "admin-state": "unlocked"
        },
        "authgroup": "default",
        "device-type":{
            "cli":{
                "ned-id": "tailf-ned-cisco-ios-id:cisco-ios"
            }
        }
    }
}

def main():
    baseUri = "http://localhost:8080/restconf/data"
    auth = ('john', 'suoer123')
    headers = {'Content-Type': 'application/yang-data+json'}
    response = requests.put(baseUri + '/devices/device=ios-device', auth=auth, headers=headers,
                           data=json.dumps(NE))
    print(response)

    baseUriOperation = "http://localhost:8080/restconf/operations"

    response = requests.post(baseUriOperation + "/devices/device=ios3/sync-from", auth=auth, headers=headers)
    print(response)

if __name__ == "__main__":
    main()
```

Refer to the exhibit. A Python script is created to add a new device on Cisco NSO using RESTCONF API. The device is added successfully, but a 405 Method Not Allowed RESTCONF error code has received as the line to fetch SSH keys runs. Which code is missing to complete the script?

- A. `response = requests.put(baseUriOperation + "/devices/device=ios-device/ssh/fetch-host-keys", auth=auth, headers=headers)`
- B. `response = requests.post(baseUriOperation + "/devices/device=ios-device/ssh/fetch-host-keys", auth=auth, headers=headers)`
- C. `response = requests.post(baseUriOperation + "/devices/device=ios-device/ssh/request-host-keys", auth=auth, headers=headers)`
- D. `response = requests.put(baseUriOperation + "/devices/device=ios-device/ssh/request-host-keys", auth=auth,`



headers=headers)

Correct Answer: C

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