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Exam : JN0-221

**Title : Automation and DevOps
Associate (JNCIA-DevOps)**

Version : DEMO

1.What are two popular methods of data serialization? (Choose two.)

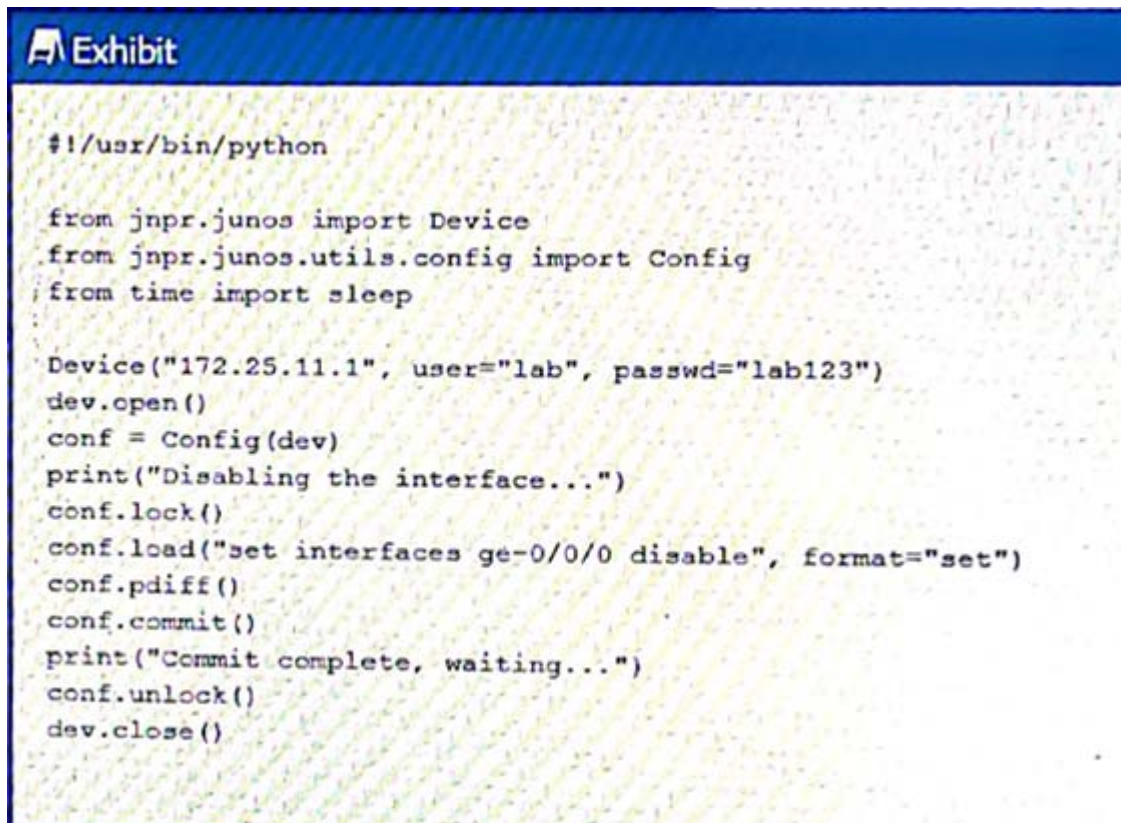
- A. Python
- B. JSON
- C. SLAX
- D. YAML

Answer: A,D

Explanation:

Reference: <https://docs.python-guide.org/scenarios/serialization/>

2.Exhibit.

The exhibit is a screenshot of a Python script. It starts with a shebang line `#!/usr/bin/python`. The script imports `Device` from `jnpr.junos`, `Config` from `jnpr.junos.utils.config`, and `sleep` from `time`. It then creates a `Device` object with IP `172.25.11.1`, user `lab`, and password `lab123`. The script explicitly opens the connection with `dev.open()`, creates a `Config` object, prints a message, locks the configuration with `conf.lock()`, loads a configuration set to disable interfaces, prints a commit message, and finally closes the connection with `dev.close()`. The configuration database is explicitly locked and unlocked.

```
#!/usr/bin/python

from jnpr.junos import Device
from jnpr.junos.utils.config import Config
from time import sleep

Device("172.25.11.1", user="lab", passwd="lab123")
dev.open()
conf = Config(dev)
print("Disabling the interface...")
conf.lock()
conf.load("set interfaces ge-0/0/0 disable", format="set")
conf.pdiff()
conf.commit()
print("Commit complete, waiting...")
conf.unlock()
dev.close()
```

Referring to the exhibit, which two statements are correct? (Choose two)

- A. The Junos configuration database is automatically locked and unlocked.
- B. The connection to the Junos device is explicitly opened and closed
- C. The connection to the Junos device is automatically opened and closed
- D. The Junos configuration database is explicitly locked and unlocked

Answer: A,D

3.Which HTTP status code indicates a response to a successful request?

- A. 500
- B. 302
- C. 200
- D. 400

Answer: C

Explanation:

Reference: https://www.juniper.net/documentation/en_US/junos-space-sdk/13.1/apiref/com.juniper.junos_space.sdk.help/html/reference/Commonbehav.html

4.Exhibit.

```
---
- name: Update JunOS Configuration
  hosts: firewalls
  roles:
    - Juniper.junos
  connection: local
  gather_facts: no
  tasks:
    - name: Checking NETCONF
      wait_for:
        host: "{{ inventory_hostname }}"
        port: 830
        sleep: 30
    - name: Update Config
      juniper_junos_config:
        load: set
        src: "{{ inventory_hostname }}.conf"
        host: "{{ mgmt_ip }}"
        user: "{{ username }}"
        ssh_private_key_file: "{{ playbook_dir }}/{{ rsa_key_name }}"
        timeout: 180
      register: out
```

Referring to the exhibit, what is the function of the register key?

- A. to set an input value for the juniper_junos_rpc module
- B. to configure a global setting for the playbook
- C. to define a variable containing the return value from the module
- D. to print a result to standard out

Answer: C

5.Junos PyEZ is a microframework used to operate the Junos OS using which language?

- A. Puppet
- B. Chef
- C. Python
- D. Ruby

Answer: C

Explanation: Explanation

Reference: [https://www.juniper.net/documentation/en_US/junos-pyez/topics/concept/junos-pyezoverview.html#:~:text=Junos%20PyEZ%20is%20a%20microframework,operating%20system%20\(Junos%20OS\).](https://www.juniper.net/documentation/en_US/junos-pyez/topics/concept/junos-pyezoverview.html#:~:text=Junos%20PyEZ%20is%20a%20microframework,operating%20system%20(Junos%20OS).)