

# Practice Exam Questions

JUNIPER  
NETWORKS



## Automation and DevOps Associate (JNCIA-DevOps)



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# **Juniper**

## **Exam JN0-223**

### **Automation and DevOps Associate (JNCIA-DevOps)**

**Version: 2.0**

**[ Total Questions: 102 ]**

**Question No : 1**

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

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

**Answer: C**

Reference: [https://www.juniper.net/documentation/en\\_US/junos-space-sdk/13.1/apiref/com.juniper.junos\\_space.sdk.help/html/reference/Commonbehav.html](https://www.juniper.net/documentation/en_US/junos-space-sdk/13.1/apiref/com.juniper.junos_space.sdk.help/html/reference/Commonbehav.html)

**Question No : 2**

Exhibit.

```
<get-route-information>
<table>inet.0</table>
</get-route-information>
```

You need to translate the configuration shown in the exhibit into a PyEZ RPC call.

Which line shows the proper PyEZ syntax?

- A. `dev.rpc.get_route_information(table="inet.0")`
- B. `dev.rpc.get-route-information(table="inet.0")`
- C. `dev.rpc.get_route_information:table="inet.0"`
- D. `dev.rpc.get-route-information:table="inet.0"`

**Answer: A**

**Explanation:** Explanation

Reference: [https://www.juniper.net/documentation/en\\_US/junos-pyez/topics/task/program/junos-pyez-rpcsexecuting.html](https://www.juniper.net/documentation/en_US/junos-pyez/topics/task/program/junos-pyez-rpcsexecuting.html)

**Question No : 3**

You are creating a JSON data structure and must add a title called, The "Big" Router.

In this scenario, which example will produce the desired results?

- A. {"title": ""The "Big" Router""}
- B. {"title": "The \n\"Big\n\" Router"}
- C. {"title": "The \"Big\" Router"}
- D. {"title": "The \"Big\" Router"}

**Answer: C**

**Question No : 4**

Exhibit

```
---
- name: "Get Junos OS configuration."
  hosts: junos-all
  roles:
    - Juniper.junos
  connection: local
  gather_facts: no

  tasks:
    - name: "Get configuration"
      juniper_junos_config:
        retrieve: "committed"
        filter: "system/services"
        dest_dir: "{{ playbook_dir }}"
```

Referring to the exhibit, what will be two results of this playbook before saving it to a file? (Choose two.)

- A. retrieve the committed configuration
- B. to include only the system/services
- C. to include everything but the system/services

D. to retrieve the candidate configuration

**Answer: A,B**

**Question No : 5**

Which development model is the classic approach to software development?

- A. Waterfall
- B. Scrum
- C. Kanban
- D. Lean

**Answer: A**

Reference: <https://searchsoftwarequality.techtarget.com/definition/waterfall-model>

**Question No : 6**

Exhibit.

**Exhibit**

```
<rpc-reply xmlns:junos="http://xml.juniper.net/junos/20.1R0/junos">
  <configuration junos:commit-seconds="1580766004" junos:commit-
    localtime="2020-02-03 21:40:04 UTC" junos:commit-user="lab">
    <interfaces>
      <interface>
        <name>fxp0</name>
        <unit>
          <name>0</name>
          <family>
            <inet>
              <address>
                <name>172.25.11.1/24</name>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </configuration>
</rpc-reply>
```

In the XML output shown in the exhibit. what is the full XPath for the IP address of the interface?

A)

```
/interfaces/interface/unit/family/inet/address
```

B)

```
/configuration/interface/unit/family/inet/address
```

C)

```
/interface/unit/family/inet/address
```

D)

```
/configuration/interfaces/interface/unit/family/inet/address/name
```

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

**Answer: D**

#### Question No : 7

What will determine which data serialization format is used for interfacing with a system?

- A. the system's API
- B. the operating system
- C. programming language version
- D. IDE specifications

**Answer: A**

#### Question No : 8

You are asked to gather interface information from a Junos device. Your environment supports the JSON

format. To determine how interface information is represented, you decide to view all of the configured

interface key-value pairs in the current Junos candidate configuration.

In this scenario, which command will provide the information that you need?

- A. `user@router# show interfaces | find json`
- B. `user@router# show interfaces | display json`
- C. `user@router# show interfaces | except json`
- D. `user@router# show interfaces | match json`

**Answer: B**

#### Question No : 9

Which Python code block is an example of a context manager?

- A. `while True:`  
`device – Device(host="vmx-1", user="lab", passwd="lab123")...`
- B. `try:`  
`device – Device(host="vmx-1", user="lab", passwd="lab123")...`  
`except:`  
`print("Unable to connect to the vMX1")`
- C. `with Device(host="vmx-1", user="lab", passwd="lab123") as device:...`
- D. `for host in ["vmx-1", "vmx-2"]:`  
`device – Device(host=host, user="lab", passwd="lab123")...`

**Answer: C**

**Explanation:** The "open" builtin function Python was implemented to support the ContextManager protocol (called using "with").

#### Question No : 10

Prior to creating a Junos automation script, you want to understand the output format of a new isolated RPC calls to use in the script.

What is the provided on Junos devices to help accomplish this task?

- A. REST API Explorer
- B. RPC on Demand
- C. PyEZ
- D. NETCONF

**Answer: A**

#### Question No : 11

While conducting an automation test, you must issue a command using the curl tool to request the text

formatted output from the show interfaces ge-0/0/0 terse command.

In this scenario, which command would you use?

- A. `curl ""u "lab:lab123" "http://10.210.10.155:3000/rpc/get-interface-information&format=text&interface-name=ge- 0/0/0&terse="`
- B. `curl ""u "lab:lab123" "http://10.210.10.155:3000/rpc/get-interface-information@interface-name=ge-0/0/0?terse="`
- C. `curl ""u "lab:lab123" "http://10.210.10.155:3000/rpc/get-interface-information@format=text&interface-name=ge-0/0/0? terse="`
- D. `curl ""u "lab:lab123" "http://10.210.10.155:3000/rpc/get-interface-information@format=text?interface-name=ge- 0/0/0&terse="`

**Answer: D**

#### Question No : 12

What is the outcome of the Python `a = b` operator?

- A. The variables will be added together
- B. The variables are compared to determine if they have the same value.
- C. The variable are compared to determine if they have different data types.
- D. The variables will be subtracted from each other.

**Answer: B**

#### Question No : 13



Which statement is correct about the Junos XML API?

- A. The API uses NETCONF for off-box automation.
- B. The API is only executed when a configuration is committed
- C. The API uses HTTPS for securing off-box automation.
- D. The API only works for on-box automation tools.

**Answer: A**

#### Question No : 14

Exhibit.

##### Exhibit

```
#!/usr/bin/python

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

with Device("172.25.11.1", user="lab", passwd="lab123") as dev:
    with Config(dev, mode="exclusive") as conf:
        print("Disabling the interface...")
        conf.load("set interfaces ge-0/0/0 disable", format="set")
        conf.pdiff()
        conf.commit()
        print("Commit complete, waiting...")
```

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

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

**Answer: B,D**

#### Question No : 15

Why is a REST API considered stateless?

- A. The client requests to the server do not include state information.
- B. The REST API is an international API.
- C. No client context is stored on the server between requests.
- D. The state of the server is not important when making requests.

Answer: A

**Question No : 16**

Which two statements about Ansible are correct? (Choose two.)

- A. All Ansible host and group variables must be defined in the /etc/ansible/hosts directory
- B. Groups can be nested and a device is allowed to participate in multiple groups
- C. Separate host and group variable files can be used for larger environments
- D. Groups cannot be nested and a device is allowed to participate only a single group

Answer: A,B

**Question No : 17**

Exhibit.

```
Exhibit

bash$ ansible-playbook -i hosts site.yml
ERROR! the role 'Juniper.junos' was not found in
/home/user/test/roles:/home/user/.ansible/roles:/usr/share/ansible/roles:/etc/ansible/roles:/home/user/te
st

The error appears to be in '/home/user/site.yml': line 4, column 7, but may
be elsewhere in the file depending on the exact syntax problem.

The offending line appears to be:

roles:
- Juniper.junos
  ^ here
```

Which command will solve the problem.....

- A. ansible-galaxy install ..
- B. ansible-galaxy install..
- C. pip install-eznc..
- D. pip install Juniper, junos..

Answer: A