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**Vendor:**Juniper

**Exam Code:**JN0-221

**Exam Name:**Automation and DevOps, Associate

**Version:**Demo

### QUESTION 1

Which curl command will successfully retrieve interface information from a Juniper device?

- A. curl -u "lab:lab123" https://10.200.1.1:3443/rpc/get-interface-information -X POST
- B. curl -u "lab:lab123" http://10.200.1.1:3000/rpc/get-interface-information -X GET
- C. curl -u "lab:lab123" https://10.200.1.1:8443/rpc/get-interface-information -X GET

Correct Answer: A

Reference: [https://www.juniper.net/documentation/en\\_US/junos/topics/task/configuration/rest-apisubmitting-get-request.html](https://www.juniper.net/documentation/en_US/junos/topics/task/configuration/rest-apisubmitting-get-request.html)

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### QUESTION 2

Which code format is a valid example of an HTTPS get-interface-information method using the default port?

- A. https://172.25.11.1:8443/api/get-interface-information
- B. https://172.25.11.1:3443/get-interface-information
- C. https://172.25.11.1:3443/rpc/get-interface-information
- D. https://172.25.11.1/api/get-interface-information:3443

Correct Answer: C

Reference: [https://www.juniper.net/documentation/en\\_US/junos/topics/task/configuration/rest-apisubmitting-post-request.html](https://www.juniper.net/documentation/en_US/junos/topics/task/configuration/rest-apisubmitting-post-request.html)

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### QUESTION 3

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

Correct Answer: AB

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### QUESTION 4

Which two Python packages use NETCONF to interact with Junos devices? (Choose two.)

- A. numpy
- B. jsnapy
- C. junos-eznc
- D. pyyaml

Correct Answer: BC

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#### QUESTION 5

What are three elements of Infrastructure as Code (IaC)? (Choose three.)

- A. code review
- B. integration
- C. flow
- D. feedback
- E. version control

Correct Answer: BCE

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#### QUESTION 6

Click the Exhibit button.

```
Python 3.5.2 (default, Apr 16 2020, 17:47:17)
[GCC 5.4.0 20160609] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> my_list = ["a", "b", "c", "d", "e", "f", "g"]
>>> x = my_list[1:3]
>>> print(x)
```

Referring to the exhibit, what is the output from the print(x) line?

- A. ['b\\', 'c\\']
- B. ['b\\', 'c\\', 'd\\']
- C. ['a\\', 'b\\', 'c\\']
- D. ['a\\', 'b\\']

Correct Answer: C

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### QUESTION 7

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

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

Correct Answer: C

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).)

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### QUESTION 8

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

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

Correct Answer: D

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)

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### QUESTION 9

Click the Exhibit button.

```
<rpc-reply xmlns:junos="http://xml.juniper.net/junos/20.1R0/junos">
  <configuration junos:commit-seconds="1589295982" junos:commit-localtime="2020-05-12 15:06:22
UTC" junos:commit-user="user">
    <interfaces>
      <interface>
        <name>ge-0/0/1</name>
        <unit>
          <name>0</name>
          <family>
            <inet>
              <address>
                <name>192.168.10.1/24</name>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
      <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>
```

Referring to the exhibit, which XML XPath expression will only show the IP address XML elements?

- A. //address/name
- B. //name
- C. /name
- D. /address/name

Correct Answer: D

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#### QUESTION 10

Click the Exhibit button.

```
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- name: Get device information
  hosts: R1
  roles:
  - Juniper.junos
  connection: local
  gather_facts: no

  tasks:
  - name: Get software and uptime information
    juniper_junos_rpc:
      rpcs:
      - "get-system-uptime-information"
      dest_dir: "{{ playbook_dir }}"
```

Referring to the exhibit, which statement is correct?

- A. The RPC execution output is saved to a file on the Ansible control machine
- B. The RPC execution output is not saved
- C. The RPC execution output is saved to a file on R1
- D. The RPC execution output is saved to memory on R1

Correct Answer: B

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#### QUESTION 11

Which Junos system process handles NETCONF automation commands?

- A. snmpd
- B. eventd
- C. mgd
- D. jsd

Correct Answer: BC

Reference: <https://www.oreilly.com/library/view/automating-junos-administration/9781491928875/ch01.html>

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#### QUESTION 12

Which two programming languages would be used for on-box scripting with Junos devices? (Choose two.)

A. Ansible

B. Python

C. XSLT

D. Puppet

Correct Answer: BC

Reference: [https://eng.juniper.net/site/global/build/operating\\_system/junos/management\\_plane/on\\_box\\_automation/index.gsp](https://eng.juniper.net/site/global/build/operating_system/junos/management_plane/on_box_automation/index.gsp)