

- **Vendor:** Juniper
- **Exam Code:** JN0-222
- **Exam Name:** Automation and DevOps, Associate
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Question: 1

Which statement is correct about YAML?

- A. YAML strings must have quotation marks.
- B. YAML is not case-sensitive.
- C. YAML files must start
- D. YAML uses spaces for indentation

Answer: C

Explanation:

Question: 42

Which XML feature is used to ensure that elements defined in multiple schemas would be used in the same document without conflicts?

- A. Attributes
- B. Predicates
- C. Selectors
- D. Namespaces

Answer: A

Explanation:

Question: 43

Which XML shorthand notation is used when no data exists between tags?

- A. </data/>
- B. <data+>
- C. <data/>
- D. <data*>

Answer: C

Explanation:

Question:44

You need an Ansible Playbook to log in to multiple devices with different login credentials. For compliance purposes, you are not allowed to prompt the user for the credentials or allow the credentials be stored in planted on the control machine for each device.

Which two actions will fulfill this task? (Choose two.)

- A. Define the credentials in a vaulted file.
- B. Define the credentials as variables in the playbook.
- C. Define the generated SSH keys to use in the playbook on the devices.
- D. Define the credentials as variables in the host's file

Answer: A, C

Explanation:

Question:45

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")
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

Explanation:

Question: 46

Which code block shows valid YAML syntax?

A.

Switches :

- s1

- s2

B.

Switches: {s1, s2}

C.

Switches: ["s1", "s2"]

D.

Switches

s1

s2

Answer: A

Explanation:

Question:47

You are asked to develop a PyEZ application that will connect to multiple Junos devices using the XML API and perform an asset inventory. Which standards-based protocol should you use to perform this

- A. gRPC
- B. NETCONF
- C. THRIFT
- D. MQTT

Answer: B

Explanation:

Question:48

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

Explanation:

Question:49

Which feature is used in XML to ensure that all attributes and elements have unique names?

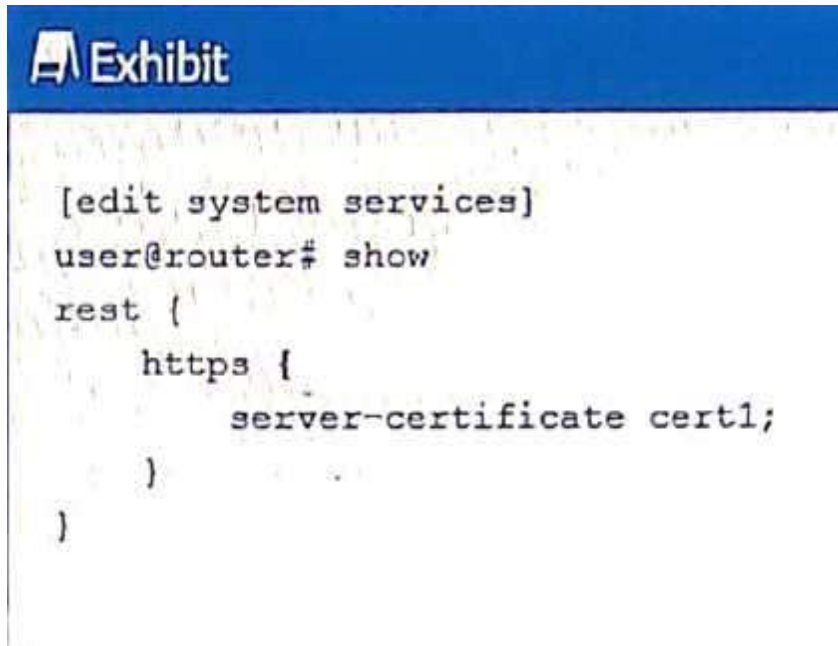
- A. selectors
- B. predicate
- C. namespace
- D. XPath

Answer: D

Explanation:

Question:50

Exhibit.



```
[edit system services]
user@router# show
rest {
  https {
    server-certificate cert1;
  }
}
```

Referring to the exhibit, which statement about REST is correct?

- A. The device is configured to allow only two simultaneous REST connections.
- B. The device is configured to allow connections from the REST API Explorer
- C. The device is configured to allow HTTP connections on port 3030.
- D. The device is configured to allow HTTPS connections on port 3443.

Answer: D

Explanation:

Question:51

What is an example of correct XML syntax?

- A. <Device3><ho3tname>vMX1</hostname><Devices/>
- B. <Devices><hostname>vMX1<De vices/X/hostname>
- C. <Devices><hostname>vMX1<Devices/>
- D. <Devices><hostname>vMX1</ho3tnameX/Device3>

Answer: B

Explanation:

Question: 52

You want to perform a dry run on the myPlays playbook and use a custom inventory file called myRouters.ini.

Which Ansible command would you use in this scenario?

- A. ansible-playbook myPlays --check -i myRouters.ini
- B. ansible-playbook myPlays --extra-vars "inventory_file=myRouters .ini"
- C. ansible-playbook myPlays --extra-vars "dry run=True" myRouters.ini
- D. ansible-playbook myPlays --limit myRouters

Answer: B

Explanation:

Question: 53

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

Explanation:

Question: 54

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

- A. Ansible can use a single playbook to configure devices from multiple vendors.
- B. Ansible modules must be written in Go.
- C. Ansible is an open source project.
- D. Ansible requires a license to unlock full functionality.

Answer: A, C

Explanation:

Question: 55

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

Explanation:

Question: 56

Exhibit.

```
...
rest {
  http {
    port 3000;
  }
  traceoptions {
    flag all;
  }
  enable-explorer;
}
...
web-management {
  http;
  https {
    system-generated-certificate;
  }
}
...

user@router> show configuration interfaces
ge-0/0/0 {
  unit 0 {
    family inet6 {
      address 2001:db8:0:1::/64;
    }
  }
}
```

You have the configuration shown in the exhibit, but are unable to access the REST API Explorer. Which configuration is necessary to solve this problem?

- A. Configure the rest service to be active on port 80.
- B. Configure an IPv4 address on ge-0/0/0.
- C. Configure a secondary IPv6 address on ge-0/0/0.0.
- D. Configure a firewall filter to explicitly permit SSH.

Answer: C

Explanation:

Question: 57

Exhibit.


```
#!/usr/bin/python

from jnpr.junos import Device
from pprint import pprint
from lxml import etree

with Device("172.25.11.1", user="lab", passwd="lab123") as dev:
    config_data = dev.rpc.get_config(filter_xml="interface",
    options={"format": "json"})

    print("Configured interfaces:")
    for interface in config_data["configuration"]["interfaces"]:
        print(interface["name"])
```

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

- A. The script prints the name of each configured interface.
- B. The script retrieves the interface configuration in XML
- C. The script prints interface information for each interface name.
- D. The script retrieves the interface configuration in JSON.

Answer: A, D

Explanation:

Question: 58

What is the default port for NETCONF connections over SSH?

- A. 22
- B. 8080
- C. 830
- D. 433

Answer: C

Explanation:

<https://www.juniper.net/documentation/us/en/software/junos/netconf/topics/topic-map/netconf-ssh-connection.html>

The IANA-assigned port for NETCONF-over-SSH sessions is 830.

Question: 59

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

- A. Python
- B. Puppet
- C. Ansible
- D. XSLT

Answer: A, D

Explanation:

Question: 60

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

Question: 61

Your organization is developing an application to automate management of Junos network appliances. You want to use the existing PyEZ libraries to improve the development process. Which API would satisfy this requirement?

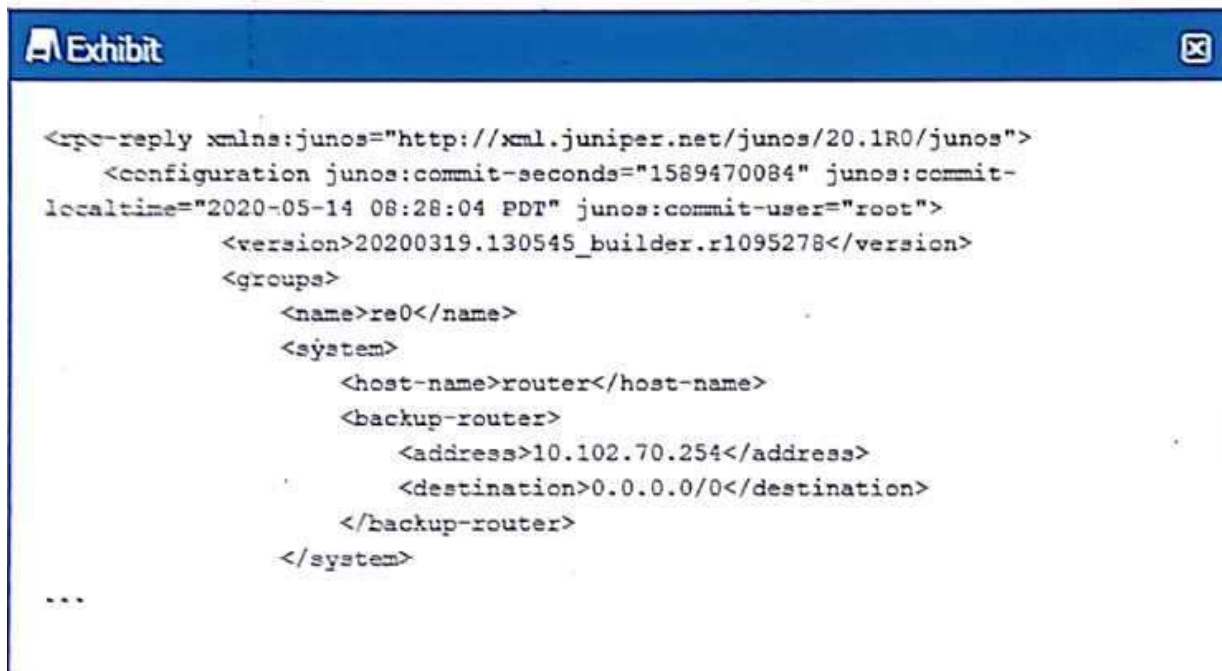
- A. REST API
- B. JETAPI
- C. RPCAPI
- D. XML API

Answer: A

Explanation:

Question:62

Exhibit.



```
<rpc-reply xmlns:junos="http://xml.juniper.net/junos/20.1R0/junos">
  <configuration junos:commit-seconds="1589470084" junos:commit-
localtime="2020-05-14 08:28:04 PDT" junos:commit-user="root">
    <version>20200319.130545_builder.r1095278</version>
    <groups>
      <name>re0</name>
      <system>
        <host-name>router</host-name>
        <backup-router>
          <address>10.102.70.254</address>
          <destination>0.0.0.0</destination>
        </backup-router>
      </system>
    ...
  </configuration>
</rpc-reply>
```

Referring to the exhibit, which XPath statement would retrieve the commit-user attribute in the candidate configuration?

- A. configuration/@ junos: commit-user
- B. configuration:@ junos: commit-user
- C. configuration/junos: commit-user
- D. configuration/commit-user

Answer: B

Explanation:

Question:63

Which statement is correct about Ansible playbooks?

- A. A playbook is a configuration file that defines the Ansible related parameters
- B. A playbook contains one or more tasks written in XML
- C. A playbook can contain multiple tasks and execute multiple Python modules
- D. A playbook is a specific Python module that is executed on a host

Answer: C

Explanation:

Question:64

Which development model is the classic approach to software development?

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

Answer: A

Explanation:

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

Question:65

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

Explanation: