JN0-420$^{Q\&As}$

Automation and DevOps, Specialist (JNCIS-DevOps)

Pass Juniper JN0-420 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.passapply.com/jn0-420.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Juniper Official Exam Center

🔧 **Instant Download** After Purchase

🔧 **100% Money Back** Guarantee

🔧 **365 Days** Free Update

🔧 **800,000+** Satisfied Customers

QUESTION 1

Click the Exhibit button. Exhibit:

```
policy SSHD_LOGIN_FAILED {
      events sshd_login_failed;
      then {
            event-script event.py;
      }
}
event-script {
      file event.py;
}
```

How would you test the configuration snippet shown in the exhibit?

A. Use the root@router% logger SSHD_LOGIN_FAILED command

B. Use the root@router% logger -e SSHD_LOGIN_FAILED command

C. Use the root@router% test SSHD_LOGIN_FAILED command

D. Use the root@router% event SSHD_LOGIN_FAILED command

Correct Answer: B

QUESTION 2

Click the Exhibit button. Exhibit:

```
<rpc><lock><target><candidate/></target></lock></rpc>]]>]]
<rpc-reply xmlns="urn:ietf:params:xml:ns:netconf:base:1.0"
xmlns:junos="http://xml.juniper.net/junos/17.1R1/junos">
<rpc-error>
<error-type>protocol</error-type>
<error-tag>lock-denied</error-tag>
<error-severity>error</error-severity>
<error-message>
configuration database locked by:
       user02 terminal (pid 8099) on since 2017-08-27 23:05:25 UTC, idle
23:05:27
            exclusive
</error-message>
<error-info>
<session-id>8099</session-id>
</error-info>
</rpc-error>
</rpc-reply>
]]>]]>
```

While using NETCONF, the developer attempts to lock the configuration, but the error shown in the exhibit

is received. The developer verifies no one else is configuring the device.

According to Juniper, how would you clear the error in this scenario?

A. Log in with another NETCONF session, reboot the instance, and save the original configuration

B. Log in with another NETCONF session and enter the 8099]]>]] command

C. Log in with another NETCONF session and enter the 8099]]>]]> command

D. Log in with another NETCONF session and enter the user02]]>]]> command

Correct Answer: A

QUESTION 3

You are asked by your manager to automatically switch traffic from the primary link to the backup link on the MX Series device at the branch site whenever latency is above 300 ms over a 5-minute period. Which type of Junos script would you use in this scenario?

A. Op

B. SNMP

C. Commit

D. Event

Correct Answer: D

Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/junos-script-automationoverview.html

QUESTION 4

Your organization is creating a custom YANG module. You are asked to create a leaf node called timeout

with a data type of duration.

In this scenario, what is the appropriate syntax for this leaf node?

```
A. timeout leaf {
       description "timeout duration";
           type duration;
}
```

```
B. timeout leaf {
       description "timeout duration";
           typedef duration;
}
```

```
C. leaf timeout {
       description "timeout duration";
           typedef duration;
}
```

```
D. leaf timeout {
       description "timeout duration";
           type duration;
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 5

What are two format distinctions to know when using YAML? (Choose two)

A. white space indentation sensitive

B. tab indentation not allowed

C. tab indentation allowed

D. white space indentation insensitive

Correct Answer: AB

Because YAML is white-space sensitive and indentation is significant (not allowed), you should always use spaces rather than tabs when creating playbooks. In YAML, items preceded by a hyphen (-) are considered list items, and the key:value notation represents a hash. Reference: https://www.juniper.net/documentation/en_US/junos-ansible1.0/topics/task/program/junosansible-playbooks-creating-executing.html

QUESTION 6

Click the Exhibit button. Exhibit:

```
action = jcs.get_snmp_action
oid = jcs.get_snmp_oid
```

Where would the Python code shown in the exhibit be used?

A. a commit script

B. an op script

C. an event script

D. an SNMP script

Correct Answer: D

Reference: https://www.juniper.net/documentation/en_US/junos/topics/reference/scripting/junos-scriptautomation-function-jcs-get-snmp-action.html

QUESTION 7

What are three types of Juniper on-box scripts? (Choose three)

A. operational

B. expect

C. Ansible

D. event

E. commit

Correct Answer: ADE

Reference: "Network-Embedded Management and Applications" section 6.2.1

QUESTION 8

Which command is used to execute an Ansible playbook?

A. ansible-vault

B. ansible

C. ansible-galaxy

D. ansible-playbook

Correct Answer: D

Reference: https://docs.ansible.com/ansible/2.4/command_line_tools.html

---

QUESTION 9

In SLAX, what is the difference between the jcs:invoke () and the jcs:execute () functions?

A. RPCs called by jcs:execute () are executed within an existing connection

B. RPCs called by jcs:invoke () are executed within an existing connection

C. RPCs called by jcs:invoke () are not executed until the conclusion of the script

D. RPCs called by jcs:execute () are not executed until the conclusion of the script

Correct Answer: A

QUESTION 10

Which messaging protocol do JET service APIs use to interface with the Junos OS?

A. NETCONF

B. MQTT

C. RabbitMQ

D. gRPC

Correct Answer: B

Reference: https://www.juniper.net/documentation/en_US/jet1.0/information-products/pathway-pages/jetdeveloper-

guide.html

QUESTION 11

Click the Exhibit button. Exhibit:

```
from jnpr.junos import Device
from jnpr.junos.utils.config import Config
from jnpr.junos.exception import *
import jcs

def main ():

        interface = jcs.get_input ("Enter interface to change: ")
        if not interface:
              print "invalid interface"
              sys.exit(1)

        config_xml = """
              <configuration>
                    <interfaces>
                          <interface>
                                <name> {0}</name>
                                <disable/>
                          </interface>
                    </interfaces>
              </configuration>
        """.format (interface).strip()

        dev = Device()
        dev.open()
        dev.bind( cu=Config )

        # Lock the configuration, load configuration changes, and commit
        print "Locking the configuration"
        try:
              dev.cu.lock()
        except LockError:
              print "Error: Unable to lock configuration"
              dev.close()
              return

        print "Loading configuration changes"
        try:
              dev.cu.load (config_xml, format="xml", merge =True)
        except ConfigLoadError as err:
              print err
              print "Unable to load configuration changes: "
              print "Unlocking the configuration"
```

```
try:
        dev.cu.unlock()
except UnlockError:
        print "Error: Unable to unlock configuration"
dev.close()
return

print "Committing the configuration"
try:
        dev.cu.commit()
except CommitError:
        print "Error: Unable to commit configuration"
        print "Unlocking the configuration"
        try:
                dev.cu.unlock()
        except UnlockError:
                print "Error: Unable to unlock configuration"
        dev.close()
        return

print "Unlocking the configuration"
try:
        dev.cu.unlock()
except UnlockError:
        print "Error: Unable to unlock configuration"

dev.close()
if __name__ == "__main__":
        main()
```

Referring to the exhibit, what are two results of the Python operational script? (Choose two)

A. It disables a user-selected interface

B. It commits the configuration

C. It deactivates a user-selected interface

D. It does not commit the configuration

Correct Answer: AB

QUESTION 12

You want to implement a function that is available in the Junos OS , but not defined in a standard model. Which

statement would you use with YANG to accomplish this task?

A. augment

B. deviation

C. case

D. choice

Correct Answer: D

QUESTION 13

Click the Exhibit button. Exhibit:

```
{
    "configuration" : [
        [
            "attributes" : {"junos:changed-seconds" : "1327069760",
                            "junos:changed-localtime" : "2017-08-28
11:17:55 UTC"
                           },
            "system" : [
            {
                "services" : [
                {
                    "ssh" : [
                    {
                        "root-login" : [
                        {
                            "data" : "allow"
                        }
                        ],
                        "max-sessions-per-connection" : [
                        {
                            "data" : "32"
                        }
                        ]
                    }
                    ]
                }
                ]
            }
            ]
        }
    ]
}
```

Referring to the exhibit, the configuration components are displayed in which format?

A. XML

B. JSON

C. YAML

D. YANG

Correct Answer: B

QUESTION 14

You want to enable an unsigned Python op script named inventory.py that will be stored on a local Junos

device.

Which two commands are needed to accomplish this task? (Choose two)

A. set system scripts op allow-url-for-python

B. set system scripts op file inventory.py

C. set system scripts op no-allow-url

D. set system scripts language python

Correct Answer: BD

Reference: https://www.juniper.net/documentation/en_US/junos/topics/example/junos-script-automationop-script-
changing-configuration-python.html

QUESTION 15

You want to push a configuration onto a Junos device without using NETCONF. Which two will accomplish this task?
(Choose two)

A. ZTP

B. Ansible

C. JET

D. JSNAPy

Correct Answer: AC