



JN0-420^{Q&As}

Automation and DevOps, Specialist (JNCIS-DevOps)

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QUESTION 1

Click the Exhibit button. Exhibit:

```
import sys

from jnpr.junos import Device

from jnpr.junos.exception import ConnectError

dev = Device(host='vMX-01', user='bob', passwd='1234')

try:

    dev.open()

except <CHANGEME> as err:

    print "Cannot connect to device: {}".format(err)

    sys.exit(1)

print dev.facts

dev.close()
```

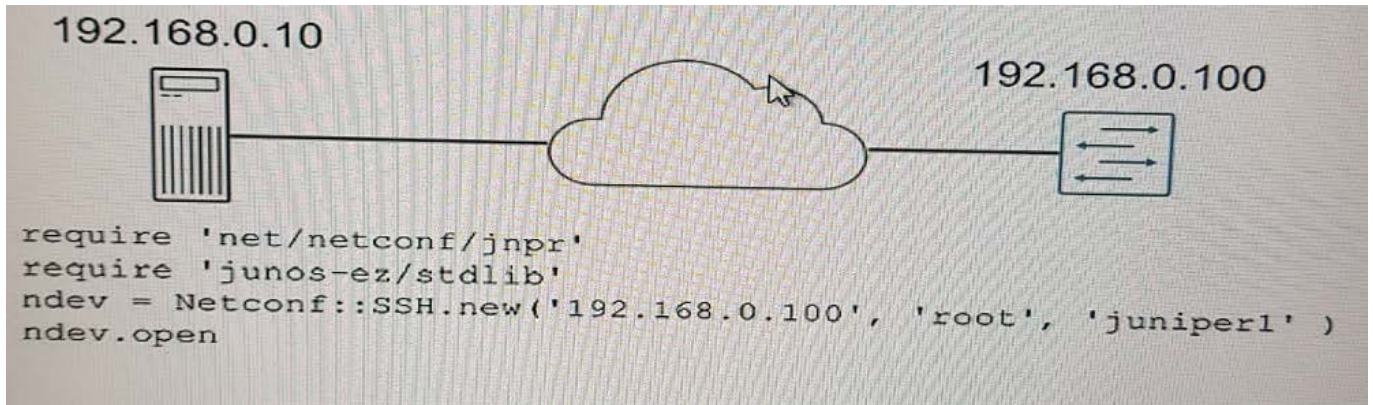
Referring to the exhibit, what should be replaced with to correctly print out the exception message Cannot connect to device?

- A. RpcError
- B. ConnectError
- C. PermissionError
- D. CommitError

Correct Answer: B

QUESTION 2

Click the Exhibit button. Exhibit:



You are using RubyEZ to interact with a Junos device: however, you are not successfully connecting to the device.

Referring to the exhibit, what is the problem?

- A. Argument passed to Netconf::SSH.new statement must be referenced as variables
- B. Netconf::SSH.new statement only expects an IP address of the target device
- C. Netconf::SSH.new statement arguments must be hashes
- D. A Junos::Ez::Provider statement is missing before the Netconf::SSH. New statement

Correct Answer: A

QUESTION 3

Click the Exhibit button. Exhibit:



```
user@host:/home/user# ssh -s user@192.0.2.2 netconf
Password:
<!-- - No zombies were killed during the creation of this user interface -
-->
<!-- - user user, class j-super-user - -->
<hello xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <capabilities>
    <capability>urn:ietf:params:netconf:base:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:candidate:1.0</capa
bility>
    <capability>urn:ietf:params:netconf:capability:confirmed-
commit:1.0</capability>
    <capability>urn:ietf:params:netconf:capability:validate:1.0</capa
bility>
    <capability>urn:ietf:params:netconf:capability:url:1.0?
scheme=http, ftp, file</capability>
    <capability>urn:ietf:params:xml:ns:netconf:base:1.0</capability>
    <capability>urn:ietf:params:xml:ns:netconf:capability:candidate:
1.0</capability>
    <capability>urn:ietf:params:xml:ns:netconf:capability:confirmed-
commit:1.0</capability>
    <capability>urn:ietf:params:xml:ns:netconf:capability:validate:1.0
</capability>
    <capability>urn:ietf:params:xml:ns:netconf:capability:url:1.0?
protocol=http, ftp, file</capability>
    <capability>http://xml.juniper.net/netconf/junos/1.0</capability>
    <capability>http://xml.juniper.net/dmi/system/1.0</capability>
  </capabilities>
  <session-id>7482</session-id>
</hello>
]]>]]>
```

An automation developer is using command-line scripting and wants to briefly survey NETCONF capabilities before running a new task.

Referring to the exhibit, how does the automation developer end the current NETCONF session and go to the next one?

- A. Use the command.
- B. Use the quit command
- C. Use the logout command
- D. Use the command.

Correct Answer: D



Reference: https://www.juniper.net/documentation/en_US/junos/topics/task/operational/netconf-sessionclosing.html

QUESTION 4

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 5

A customer has a control machine with a default Ansible installation. During execution of an Ansible module against a Junos device, the Ansible control machine generates the msg: unable to connect to router1.example.com: ConnectRefusedError (router1.example.com) error.

What is the cause for this error?

- A. router1.example.com was not defined in /etc/hosts on the control machine
- B. Ansible cannot connect to the device through NETCONF
- C. router1.example.com was not defined in /etc/ansible/inventory/hosts on the control machine
- D. Ansible cannot authenticate to the device

Correct Answer: B

Reference: https://www.juniper.net/documentation/en_US/junos-ansible1.0/information-products/pathwaypages/junos-ansible.pdf