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08



MAY

## Pass the JN0-422 exam the first time

The **JN0-422 exam questions** at Realexam are written in accordance with the JN0-422 (Automation and DevOps Specialist (JNCIS-DevOps)) exam requirements, with accurate content and comprehensive coverage of knowledge points. The key points and learning difficulties are precisely refined to provide overall understanding of the main points of the JN0-422 exam. Improve the test scores through scientific practice so that the candidates can pass the JN0-422 exam the first time.

Congratulations - you have completed this exam.

Your answers are shown below:

1st exhibition:

Click the Exhibit button.

You are validating access to a Junos device using NETCONF and receive the response shown below.

```
user@host$ ssh 192.0.2.2 -l user -p830
ssh: connect to host 192.0.2.2 port 830: Connection refused
user@host$
```

Reference to the exhibition. how would you solve this problem?

- Enable protocol version v1 in the SSH configuration hierarchy.
- Enable ssh under the NETCONF configuration hierarchy.
- **Enable outbound SSH using the netconf services under the SSH configuration hierarchy.**
- Enable trace options under the NETCONF configuration hierarchy.

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The exhibit window displays a JSON configuration for a Junos system. The configuration includes attributes for Junos, system services, and SSH settings. The JSON is as follows:

```
{
  "configuration" : {
    {
      "attributes" : [{"junos:changed-seconda" : "1326166710",
        "junos:changed-localtime" : "2017-08-28 11:17:55
UTC"
      },
      "system" : {
        {
          "services" : [
            {
              "ssh" : {
                {
                  "root-login" : [
                    {
                      "data" : "allow"
                    }
                  ],
                  "max-sessions-per-connection" : [
                    {
                      "data" : "32"
                    }
                  ]
                }
              }
            }
          ]
        }
      }
    }
  }
}
```

The exhibit window displays a JSON configuration for a Junos system. The configuration includes attributes for Junos, system services, and SSH settings. The JSON is as follows:

```
UTC"
  "system" : [
    {
      "services" : [
        {
          "ssh" : [
            {
              "root-login" : [
                {
                  "data" : "allow"
                }
              ],
              "max-sessions-per-connection" : [
                {
                  "data" : "32"
                }
              ]
            }
          ]
        }
      ]
    }
  ]
}
```

In what format are the configuration components presented in relation to the exhibit?

- XML
- YANG
- YAML
- **JSON**

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3. Which statement about an ephemeral Junos configuration database is correct?

- **It can be used to reduce commit time.**
- It can be used to archive previous versions of the ephemeral configuration.
- It can be used to validate the semantics of configuration data.
- It can be used to trigger a commit script.

4. What format does an Ansible playbook use?



JSON

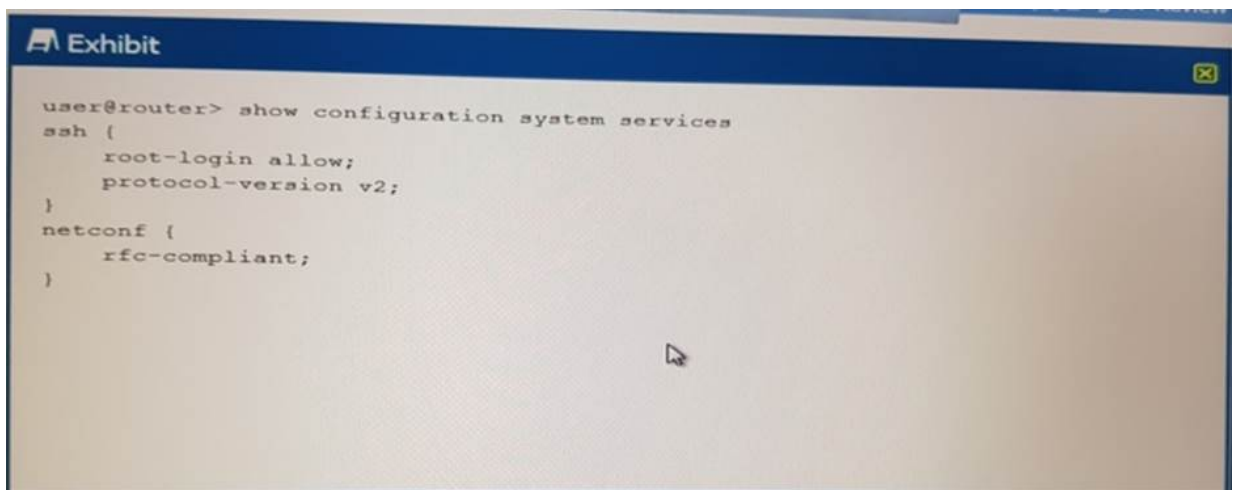
**YAML**

- XML
- CSV

5. Which transport protocol must be supported by RFC-compliant NETCONF implementations?

- **SSH**
- Telnet
- TLS
- BEEP

6.



In the Python commit script, which object provides the post-inheritance candidate configuration?

- Commit script input
- **Checkout\_Configuration**
- Junos\_configuration
- Candidate\_configuration

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7. What is the purpose of an \_init\_.py file?

- An \_init\_.py file sets all magic attributes with the \_init\_prefix with the appropriate default values.
- **The An\_init\_.py file initializes a Python application with default values for instantiated objects.**
- The An\_init\_.py file contains strings for additional directories that the Python interpreter adds to sys.path[].
- The An\_init\_.py file indicates to the Python interpreter that a directory contains Python packages or modules.



8. Click on the exhibition:

```

)
policy int-down-2 {
  events snmp_trap_link_down;
  attributes-match {
    snmp_trap_link_down.interface-name matches "^ge-0/0/0$";
  }
  then {
    ignore;
  }
}
policy int-down-3 {
  events snmp_trap_link_down;
  attributes-match {
    snmp_trap_link_down.interface-name matches "^ge-0/0/0$";
  }
  then {
    change-configuration {
      commands {
        "set system host-name int-test-3";
      }
      user-name user;
      commit-options {
        log "int down test policy 3";
      }
    }
  }
}
policy int-down-4 {
  events snmp_trap_link_down;
  attributes-match {
    snmp_trap_link_down.interface-name matches "^ge-0/0/0$";
  }
  then {
    event-script hostname.slax;
  }
}

hostname slax event script
version 1.1;
  
```

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```

Exhibit

version 1.1;

ns junos = "http://xml.juniper.net/junos/*/junos";
ns xnm = "http://xml.juniper.net/xnm/1.1/xnm";
ns jcs = "http://xml.juniper.net/junos/commit-scripts/1.0";

import "../import/junos.xsl";

match / {

  <event-script-results> {
    var $hostname-cfg-change = <configuration> {
      <system> {
        <host-name> "int-test-4";
      }
    }
    var $connection = jcs:open();
    var $results := ( call jcs:load-configuration ( $connection,
$configuration = $hostname-cfg-change ); )
    if ( $results//xnm:error ) {
      for-each ( $results//xnm:error ) {
        expr jcs:syslog( "daemon.error", "Event script error: ", message );
      }
    }
    expr jcs:close($connection);
  }
}

```

What is the hostname related to the issuance if the interface ge-0/0/0 fails?

- **int-test-2**
- int-test-3
- int-test-4
- int-test-1

9. 1. Which two automation frameworks are agentless when managing Junos devices?

- A Cook
- B. Ansible
- C. Marionette
- D. SaltStack

- **BD**

10. Which YAML document represents a valid mapping (dictionary) of sequences (lists)?

- A)

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```

---
ge-0/0/0:
- "10.0.0.1"
- "192.168.1.1"
ge-0/0/1:
- "172.16.1.2"
- "10.1.2.3"

```

b)

```

---
- ge-0/0/0:
- "10.0.0.1"
- "192.168.1.1"
- ge-0/0/1:
- "172.16.1.2"
- "10.1.2.3"

```

c)

```

---
ge-0/0/0
- "10.0.0.1"
- "192.168.1.1"
ge-0/0/1
- "172.16.1.2"
- "10.1.2.3"

```

D)

```

---
[ge-0/0/0:
- "10.0.0.1"
- "192.168.1.1"
ge-0/0/1:
- "172.16.1.2"
- "10.1.2.3"]

```

- **Possibility A**
- option B
- Possibility C
- possibility D

11. Which command is valid to assess a Junos device using RESTful API on the default port?

A)

```
curl http://user:pass123@192.168.1.1/rpc/get-interface-information?interface-name=lo0
```

b)

```
curl http://192.168.1.1/rpc/get-interface-information?interface-name=lo0 -u "user:pass123"
```

c)

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```
curl -u "user:pass123" http://192.168.1.1:80/rpc/get-interface-information?interface-name=lo0
```

D)

```
curl http://user:pass123@192.168.1.1:3000/rpc/get-interface-information?interface-name=lo0
```

- Possibility A
- option B
- Possibility C
- **possibility D**



12. What is a purpose of RubyEZ?

- Providing a Ruby interface for Juniper devices that support Puppet
- to provide an off-device interface to Ruby
- **to provide a Ruby interface for the administration product Junos Space**
- to provide a Ruby framework for interfacing with Juniper devices

13. Which two statements about JSON properties are correct? (Choose two.)

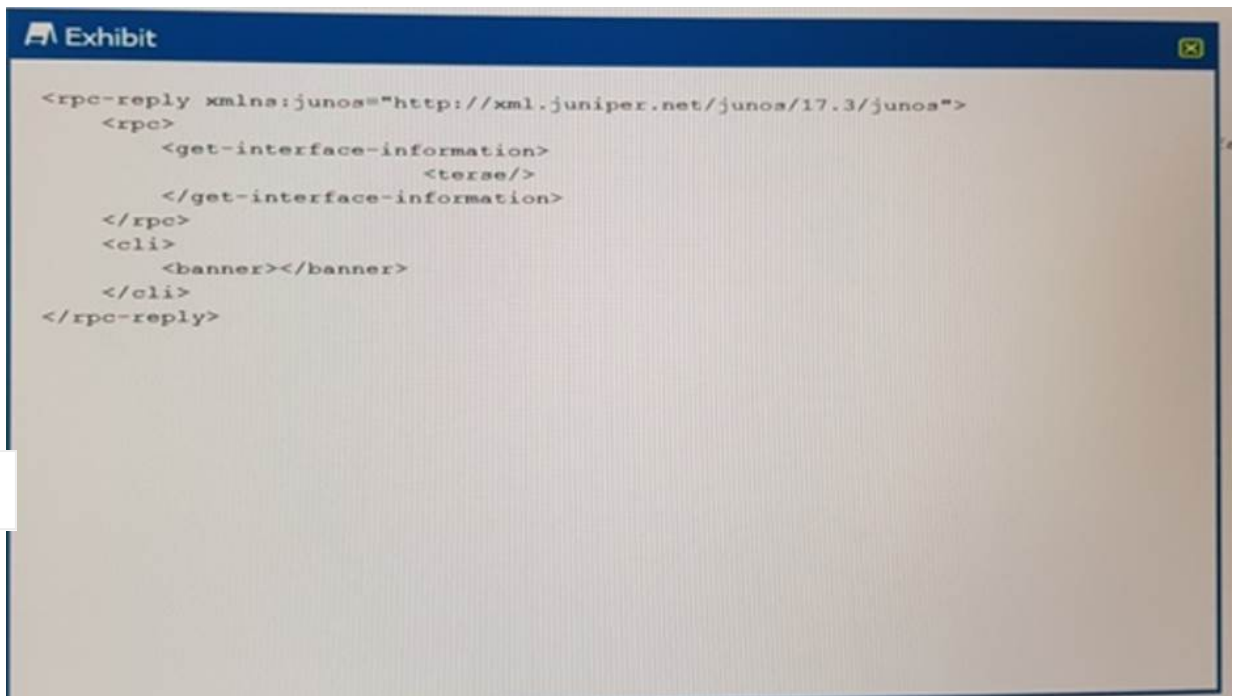
- **JSON is programming language independent**
- JSON uses ## for comments
- JSON is a supported template language.
- **JSON is easy to read for humans and devices.**

14. Click on the "Exhibit" button.

RP)



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You need to programmatically extract interface information from your MX series device using PyEZ. You log in and use the Show Interfaces command I display xml rpc and see the information shown in the exhibition.

What is the correct PyEZ syntax to accomplish this task?

A)

```
dev.rpc.get_interface_information()
```

b)

```
dev.rpc.get_interface_information(terse=True)
```

c)

```
dev.rpc.get-interface-information()
```

D)

```
dev.rpc.get-interface-information(terse=True)
```

- Possibility A
- **option B**
- Possibility C
- possibility D

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15. What command is used to run an Ansible playbook?

- Ansible Vault
- ansible
- ansible galaxy
- **Ansible playbook**

16



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()
```

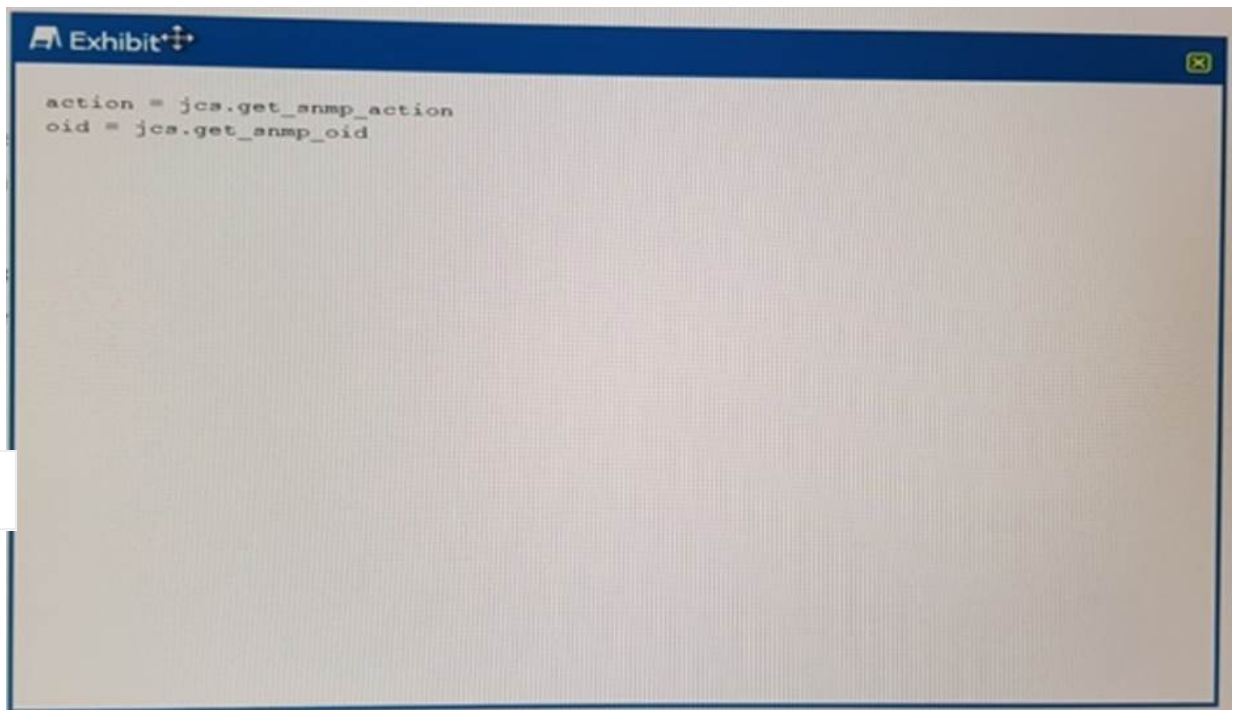
Regarding the issuance, what should <CHANGEME> be replaced with in order to print the exception message "Cannot connect to device" correctly?

- PermissionError
- RpcError
- **connection error**
- CommitError

17. Click on the "Exhibit" button.

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The exhibit shows a window titled "Exhibit" with a close button in the top right corner. Inside the window, the following Python code is displayed:

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

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

- a commit script
- an op script
- an event script
- **an SNMP script**

18. What is the benefit of integrating Python into the Junos OS through this feature for administrators?

- The ability to compile Python scripts on the device.
- **The ability to run Python scripts on the device.**
- It offers compatibility with all Python versions.
- It provides the Python command line (REPL) for testing

19. What are two attributes of jsd JET service process? (Choose two.)

- **It runs APIs from multiple sessions in parallel**
- It makes one API request per session.
- **It creates a separate thread to serve JET application requests**
- It only supports one client session at a time

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20. What are two benefits of network automation? (Choose two)

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- **to enforce consistency in automated devices**
- increase proficiency in the programming language
- to provide historical configuration management
- **to improve product lifecycle management**

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