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QUESTION 1

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

A. Commit-Script-Input

B. Junos_Configuration

C. Candidate_Configuration

D. Checkout_Configuration

Correct Answer: B

Python automation scripts import the Junos_Context dictionary when the script must access information about the script execution environment. The Junos_Configuration object is required when the commit script must read and manipulate the post-inheritance candidate configuration. Reference: https://www.juniper.net/documentation/en_US/junos/topics/reference/general/junos-scriptautomation-boilerplate-commit-scripts.html

---

QUESTION 2

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

A. TLS

B. Telnet

C. BEEP

D. SSH

Correct Answer: D

The NETCONF protocol uses a simple remote procedure call (RPC) layer running over secure transports to facilitate communication between a client and a server. The Secure Shell (SSH) [6] is the mandatory secure transport that all NETCONF clients and servers are required to implement as a means of promoting interoperability. Reference: https://link.springer.com/content/pdf/10.1007/978-3-642-02627-0_7.pdf

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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

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 5

Click the Exhibit button. Exhibit:

Python Script:

```
1 from jnpr.junos import Device
2 from jnpr.junos.utils.config import Config
3 from jnpr.junos.exception import *
4 from jinja2 impcrt Template
5 import yaml
6 import sys
7
8
9     with open (vMX-1.yml','r') as fh:
10         data = yaml.load (fh.read())
11
12     with open ('test.j2','r') as t_fh:
13         t_format = t_fh.read()
14
15     template = Template (t_format)
16
17     myConfig = template.render (data)
```

vMX-1.yml file:

```
- - -
intf1:
      name: 'ge-0/0/0'
      unit: 0
      family: inet
      address: 172.17.1.1
      cidr: 24
      bfd_intvl: 500
intf2:
      name: 'ge-0/0/1'
      unit: 0
      family: inet
      address: 172.17.3.1
```

```
        cidr:24
        bfd_intvl: 500
  intf3:
        name: 'lo0'
        unit: 0
        family: inet
        address: 192.168.1.1
        cidr: 32

AS: 65000
area: 0.0.0.0

test.j2 file:

interfaces {
      {{intf1.name}} {
            unit {{intf1.unit}} {
                  family {{intf1.family}} {
                        address {{intf1.address}} / {{intf1.cidr}};
                  }
            }
      }
      {{intf2.name}} {
            unit {{intf2.unit}} {
                  family {{intf2.family}} {
                        address {{intf2.address}} / {{intf2.cidr}};
                  }
            }
      }
      {{intf3.name}} {
            unit {{intf3.unit}} {
                  family {{intf3.family}} {
                        address {{intf3.address}} / {{intf3.cidr}};
```

```
                }
            }
        }
    }
    routing options {
        static {
            route 0.0.0.0/0 next-hop 172.25.11.254;
        }
        autonomous-system {{AS}};
    }
    protocols {
        ospf {
            area {{area}} {
                interface fxp0.0 {
                    disable;
                }
                interface {{intf1.name}}. {{intf1.unit}} {
                    bfd-liveness-detection {
                        minimum-interval {{intf1.bfd_intvl}};
                    }
                }
                interface {{intf2.name}}. {{intf2.unit}} {
                    bfd-liveness-detection {
                        minimum-interval {{intf2.bfd_intvl}};
                    }
                }
                interface {{intf3.name}}. {{intf3.unit}};
            }
        }
    }
}
```

Referring to the exhibit, what is the type of the myConfig variable on line 17 of the Python script?

A. template

B. dictionary

C. string

D. list

Correct Answer: A

Reference: https://www.juniper.net/documentation/en_US/cso3.1/topics/task/operational/cd-configtemplate-working-config-designing.html