Vendor: Juniper

Exam Code:JN0-420

Exam Name: Automation and DevOps, Specialist (JNCIS-DevOps)

Version: Demo

QUESTION 1

What are three supported languages for operational scripts on Junos devices? (Choose three)

A. Python

B. XSLT

C. SLAX

D. Java

E. PHP

Correct Answer: ABC

Junos automation scripts can be written in the following scripting languages:

Extensible Stylesheet Language Transformations (XSLT)

Stylesheet Language Alternative syntaX (SLAX)

Python

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

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QUESTION 2

What are three elements of a JET notification message? (Choose three)

A. time

B. severity

C. username

D. subscription type

E. hostname

Correct Answer: ABE

JET notification is delivered in JSON format. The JSON message has two parts, one the header, and other the event-information portion, called attributes. The header is common for all events. It contains the event ID, hostname, time, severity, and facility of the event. The attributes vary depending event\\'s topic name. Reference: https://www.juniper.net/documentation/en_US/jet1.0/topics/concept/jet-notification-apioverview.html

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QUESTION 3

You have created an on-box script and want to deploy it on your device. You plan to place it in a directory

where the Junos OS can execute it.

Which two privilege levels would be used to accomplish this task? (Choose two)

A. read-only

B. super-user

C. root

D. operator

Correct Answer: BC

Reference: https://www.juniper.net/documentation/en_US/junos/topics/task/configuration/junos-scriptautomation-script-storing-enabling.html

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QUESTION 4

What are two message types that compose the message layer of the Juniper NETCONF implementation? (Choose two?)

A.

B.

C.

D.

Correct Answer: CD

QUESTION 5

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 6

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

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QUESTION 7

The XML tag is a member of which NETCONF protocol layer?

A. Transport

B. Content

C. Messages D. Operations

Correct Answer: A

The NETCONF protocol uses an RPC-based communication model. NETCONF peers use and elements to provide transport-protocol-independent framing of NETCONF requests and responses. Reference: https://tools.ietf.org/html/rfc6241

QUESTION 8

Using the RESTful API on a Junos device, you are able to retrieve configuration information in which three formats? (Choose three)

A. YAML

B. XML

C. plain text

D. GPB E. JSON

Correct Answer: BCE

Reference: https://www.juniper.net/documentation/en_US/junos/information-products/pathway-pages/restapi/rest-api.html

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QUESTION 9

Which data serialization method does the Junos CLI use to communicate with the Junos management process (mgd)?

A. JSON

B. gRPC

C. XML

D. YAML

Correct Answer: C

QUESTION 10

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

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QUESTION 11

A customer has a control machine with a default Ansible installation. During execution of an Ansible

module, the Ansible control machine generates the no hosts matched error.

Which statement is correct in this scenario?

A. The target device was not defined in /etc/ansible/inventory/hosts on the control machine

B. The target device was not defined on the associated DNS servers

C. The target device was not defined in /etc/hosts on the control machine

D. The target device was not defined in /etc/ansible/hosts on the control machine

Correct Answer: D

Reference: https://www.juniper.net/documentation/en_US/junos-ansible1.0/topics/task/troubleshooting/ junos-ansible-connection-errors-troubleshooting.html

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QUESTION 12

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