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QUESTION 1
You are creating a Python data type that contains a collection of multiple ordered values. As part of your script, you must make changes to the values that are stored in your data type.
In this scenario, which data type should you use?

A. list
B. tuple
C. dictionary
D. set

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Which statement is correct about Ansible? (Choose two.)

A. Ansible core modules for the Junos OS are developed by Ansible developers
B. Ansible Galaxy modules for the Junos OS are developed by Juniper Networks developers
C. Ansible Galaxy modules for the Junos OS and Ansible core modules for the Junos OS can coexist on the same control machine
D. Ansible Galaxy modules for the Junos OS and Ansible core modules for the Junos OS cannot coexist on the same control machine

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
Which statement is correct about Python variables once they are created?

A. A global variable can only be used by functions that are defined later

B. All variables in Python can be used by any function within the script
C. A global variable can be used by any function within the script
D. A global can only be used within the function that created it

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://stackoverflow.com/questions/423379/using-global-variables-in-a-function

QUESTION 4
Which two statements are correct about XML? (Choose two.)

A. XML is used to send an event notification to a client
B. XML is used to issue Junos operational commands
C. XML is used to view or modify a Junos configuration
D. XML is used to create a communications session to a remote device

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
Which statement is true about YAML?

A. YAML is a Unicode-based serialization language designed around common data types
B. YAML is designed around parsing speed over human readability
C. YAML is widely used on the Internet as a method to mode data between webservers and AJAX clients on Web browsers
D. YAML follows the lowest common denominator data types and requires simple processing between different programming environments

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: http://yaml.org/spec/spec.pdf

QUESTION 6
Which statement is true about using Ansible a Junos device?

A. The Junos device does not have an Ansible agent installed
B. SFTP must be used to allow communication between the Ansible control server and the Junos device
C. An Ansible playbook is a set of tasks written in XML
D. Ansible modules are copied and executed on the Junos device

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
According to the Manifesto for Agile Software Development, what is a principle of this development practice?

A. Software development cycles should be based on a quarterly time frame
B. Software development cycles should be scheduled on an annual time frame
C. After the development cycle has begun, new software requirements should not be added
D. After the development cycle has begun, new software requirements can be added at any point

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.agilealliance.org/agile101/12-principles-behind-the-agile-manifesto/

QUESTION 8
Click the Exhibit button.

```
<!--No zombies were killed during the creation of this user interface -->
<!--user lab, 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</capab
ility>
      <capability>urn:ietf:params:netconf:capability:confirmed-
commit:1.0</capability>
      <capability>urn:ietf:params:netconf:capability:validate:1.0</capabi
lity>
      <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>
      ...Trimmed...
  </capabilities>
  <session-id>34214</session-id>
</hello>
]]>]]
```

The exhibit demonstrates the output from which type of session?

A. REST API
B. Ansible
C. PyEZ
D. NETCONF

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ietf.org/mail-archive/web/netconf/current/msg05567.html

QUESTION 9
What are two XML elements of the NETCONF Message layer? (Choose two.)

A. <lock>
B. <unlock>
C. <rpc>
D. <rpc-reply>

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Which two statements regarding NETCONF are true? (Choose two.)

A. NETCONF is a standardized protocol and works with multiple vendors' devices
B. NETCONF operations are processed by the jsd process
C. NETCONF is a proprietary protocol and works only with Junos devices
D. NETCONF operations are processed by the mgd process

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11

Which Python operator tests two variables to see if they contain the same value?

A. !=

B. != =

C. = =

D. =

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.programiz.com/python-programming/operators

QUESTION 12
Click the Exhibit button.

```
from jnpr.junos import Device
from jnpr.junos.utils.config import Config
from jnpr.junos.exception import ConnectError

host = 'dcla.example.com'

def main():

        dev = Device(host=host)

        try:
                dev.open()
        except ConnectError as err:
                print ("Cannot connect to device: {0}".format(err))
                return

        cu = Config(dev)

        try:
                rescue = cu.rescue(action= "get", format = "text")
                if rescue is None:
                        print ("No existing rescue configuration.")
                        print ("Saving rescue configuration.")
                        cu.rescue(action="save")
                else:
                        print ("Rescue configuration found:")
                        print (rescue)
        except Exception as err:
                print (err)

        dev.close()

if _name_ == "_main_":
        main()
```

Which two actions are performed by the PyEZ Python script shown in the exhibit? (Choose two.)

A. It saves the current configuration as a rescue configuration only if one does not exist

B. It prints the rescue configuration if one already exists
C. It prints the rescue configuration after it has been replaced
D. It always saves the current configuration as a rescue

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
You are enabling HTTPS for the REST API on a Junos device. You are using a self-signed SSL certificate and must ensure that the commit does not fail.
In this scenario, which certificate must be provided for HTTPS?

A. client certificate
B. server certificate
C. PKI certificate
D. SSH certificate

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/reference/configuration-statement/server-certificate-edit-system-services-rest-https.html

QUESTION 14
You have enabled REST API traceoptions on your Junos device.
Where does Junos store the associated log files in this scenario?

A. /var/chroot/rest-api/var/log
B. /var/home
C. /var/tmp
D. /var/log

Correct Answer: A
Section: (none)

Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/information-products/pathway-pages/rest-api/rest-api.pdf (50)

QUESTION 15
Which feature of Ansible provides encrypted files to house sensitive data such as login credentials and keys?

A. Ansible default feature
B. Ansible Vault
C. Ansible Galaxy
D. Ansible Tower

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.ansible.com/ansible/2.4/vault.html

QUESTION 16
Which two statements are true regarding JSON? (Choose two.)

A. JSON can be used to evaluate conditional statements
B. JSON can be used to perform programming loops
C. JSON can be used to structure data
D. JSON can be used to format data between a client and a server

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/reference/general/junos-xml-protocol-configuration-mapping-to-json.html

QUESTION 17
What is the default REST HTTPS port used on a Junos device?

A. 3000
B. 8443
C. 3443
D. 443

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/reference/configuration-statement/port-edit-system-services-rest.html

QUESTION 18
Which statement is correct about Python?

A. Python automatically deletes unused objects from memory
B. The Python interpreter is written in Java
C. Python behavior is influenced by the host OS
D. Python code must be compiled on a Junos device

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
What are two benefits of a DevOps approach? (Choose two.)

A. to reduce deployment anxiety
B. to reduce the number of managed objects
C. to quickly integrate software updates
D. to reduce the number of configuration releases

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
What does the statement "Ansible provides idempotent operations." mean?

A. The result of performing the operation once is exactly the same as the result of performing it repeatedly without any intervening actions.
B. The result of performing the operation once is not exactly the same as the result of performing it repeatedly without any intervening actions.
C. The result of performing the operation once will not allow the operation to be run again without any intervening actions to correct the failure.
D. The result of performing the operation once will not allow the operation to be run again without any intervening actions.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.ansible.com/ansible/latest/reference_appendices/glossary.html

QUESTION 21
What are two characteristics found in a modern DevOps environment? (Choose two.)

A. The development and operations environments are identical
B. The development and operations environments are different
C. The DevOps practice relies heavily on the use of physical hardware
D. The DevOps practice relies heavily on the use of virtualization

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Which two Junos platforms support the REST API? (Choose two.)

A. SRX Series

B. ACX Series

C. EX Series

D. MX Series

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Which Junos process handles automation requests involving the XML API, YANG, the REST API, and SNMP functions?

A. chassisd

B. rpd

C. jsd

D. mgd

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: http://overloadedbits.eu/jnics_devops_01_overview/

QUESTION 24
Click the Exhibit button.

```
---
- MX
- QFX
- SRX
```

Which YAML form is represented in the exhibit?

A. a mapping

B. a set

C. a tuple

D. a sequence

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
Which Junos process is responsible for handling automation requests involving the JET API?

A. mgd
B. dcd
C. rpd
D. jsd

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/jet-application-interaction-with-junos.html

QUESTION 26
Which automation tool provides closed-loop automation and event-driven infrastructure?

A. Ansible
B. Salt
C. Chef
D. Puppet

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference: