

Which two statements about Continuous Delivery are true? (Choose two.)

Selected Answer

- Continuous Delivery includes the automated deployment stage.
- Continuous Delivery is required for Continuous Deployment.

Correct

- Continuous Delivery is required for Continuous Deployment.
- Continuous Delivery means that software is deployed on demand when there is a new software build.

Which two statements about the waterfall model of software development are true? (Choose two.)

Selected Answer

- One phase of development must be completed before the next phase can start.
- Multiple phases of development can be worked on simultaneously, everything must be finished before production.

Correct

- One phase of development must be completed before the next phase can start.
- This method lacks flexibility.

Which two statements are true regarding DevOps? (Choose two.)

Selected Answer

- DevOps is a methodology that allows for frequent, quick modifications.
- DevOps is a methodology used to develop software or systems.

Correct

- DevOps is a methodology that allows for frequent, quick modifications.
- DevOps is a methodology used to develop software or systems.

According to the "Manifesto of Agile Software Development", what are two main values of Agile? (Choose two.)

Selected Answer

- Working software is preferred over comprehensive documentation.
- Customer collaboration is preferred over contract negotiations.

Correct

- Working software is preferred over comprehensive documentation.
- Customer collaboration is preferred over contract negotiations.

What represents the Infrastructure as Code workflow?

Selected Answer

- Code > Code Review > Integrate > Version Control > Deploy > Integrate

Correct

- Code > Version Control > Code Review > Integrate > Deploy

Which two automation tools require an agent to be loaded on a Junos device? (Choose two.)

Selected Answer

- Ansible

Correct

- Puppet
- Chef

What are two advantages of the DevOps approach to network automation? (Choose two.)

Selected Answer

- to perform manual configuration tasks
- to improve quality

Correct

- to lower cost
- to improve quality

What is the default port for NETCONF connections over SSH?

Selected Answer

- 830

Correct

- 830

Which two API languages for NETCONF libraries are supported by JTAC? (Choose two.)

Selected Answer

- Perl
- Java

Correct

- Perl
- Java

Which two processes does Junos automation use? (Choose two.)

Selected Answer

- chassisd
- mgd

Correct

- mgd
- jsd

Which two statements are true regarding the DevOps methodology? (Choose two.)

Selected Answer

- A goal is to make development, test, and production environments as identical as possible.

- Communication between people should be minimized during the process as much as possible.

Correct

- Feedback should be analyzed at each stage of the process.
- A goal is to make development, test, and production environments as identical as possible.

Which two tools are available as on-box automation solutions for a Junos device? (Choose two.)

Selected Answer

- Chef
- Ansible

Correct

- SLAX
- Python

You are asked to determine the XML remote procedure call to display a hostname to IP address mapping on a Junos device. In this scenario, which command will accomplish this task?

Selected Answer

- router> show system name-resolution
- display json

Correct

- router> show system name-resolution
- display xml rpc

Which programming language communicates with the Junos XML API both on-box and off-box?

Selected Answer

- Python

Correct

- Python

Which statement is correct about XML element nodes?

Selected Answer

- An element node cannot be nested with another element node.
- An element node consists of everything between an opening and closing tag pair.

Which statement is correct about XML document nodes?

Selected Answer

- The document node is defined as the entire XML document.

Correct

- The document node is defined as the entire XML document.

What are two layers of the NETCONF protocol? (Choose two.)

Selected Answer

- Transport
- Configuration

Correct

- Transport
- Messages

What are two layers of the NETCONF protocol? (Choose two.)

Selected Answer

- Operations
- Content

Correct

- Operations
- Content

What are two ways to represent an XML hierarchy? (Choose two.)

Selected Answer

- `<example><example/>`

Correct

- `<example/>`
- `<example></example>`

The `gem install net-netconf` command is used to install NETCONF for which language?

Selected Answer

- Ruby

Correct

- Ruby

Click the Exhibit button. In the XML output shown in the exhibit, what is the full XPath for the IP address of the interface?

Selected Answer

- `/configuration/interfaces/interface/unit/family/inet/address`

Correct

- `/configuration/interfaces/interface/unit/family/inet/address`

What is required to enable the Junos OS to accept NETCONF sessions on port 830?

Selected Answer

- Purchase a NETCONF license.

Correct

- Enable NETCONF using the `set system services netconf ssh` command.

Which character is used to signal the start of a JSON object?

Selected Answer

- ☐ <
Correct

- ☐ {

Which character is used to signal the start of a JSON array?

Selected Answer

- ☐ "
Correct

- ☐ [

What are two advantages of using JSON over YAML in a DevOps project? (Choose two.)

Selected Answer

- ☐ JSON uses a lowest common denominator model.
- ☐ JSON is easier for a machine to parse than YAML.

Correct

- ☐ JSON uses a lowest common denominator model.
- ☐ JSON is easier for a machine to parse than YAML.

Which example displays a YAML mapping?

Selected Answer

- ☐ hostname: router
Correct

- ☐ hostname: router

Which statement is true about JSON?

Selected Answer

- ☐ JSON is used only for human-to-machine communication tasks.

Correct

- ☐ JSON is a lightweight data-interchange format; human-readable but easier for machines to parse.

Which statement about the relationship between YAML and JSON is true?

Selected Answer

- ☐ ALL YAML data can convert to JSON data but not all JSON data can convert to YAML data.

Correct

- ☐ All JSON data can convert to YAML data but not all YAML data can convert to JSON data.

Click the Exhibit button. Referring to the exhibit, this snippet of code would represent which type of data?

Selected Answer

- ☐ JSON object

Correct

- JSON object

What is the customary way to start a YAML file?

Selected Answer

- #
- ---

Correct

You are creating a JSON data structure and need to add a title called, The "Big" Router. In this scenario, which example will produce the desired results?

Selected Answer

- {"title": "The \"Big\" Router"}
- {"title": "The \\\"Big\\\" Router"}

Correct

What are two popular methods of data serialization? (Choose two.)

Selected Answer

- YAML
- YAML
- JSON

Correct

Which two statements are true about data structures? (Choose two.)

Selected Answer

- JSON was designed for parsing speed over human readability.
- YAML is designed around human readability over parsing speed.
- JSON was designed for parsing speed over human readability.
- YAML is designed around human readability over parsing speed.

Correct

Which command do you use to install a Juniper Networks-created Ansible module?

Selected Answer

- pip install ansible
- ansible-galaxy install Juniper.junos

Correct

What are two Junos Ansible modules? (Choose two.)

Selected Answer

- junos_facts
- junos_facts
- junos_rpc

Correct

What is the default path including the default file name of the Ansible inventory file?

Selected Answer

- ☐ /etc/hosts/ansible

Correct

- ☐ /etc/ansible/hosts

Click the Exhibit button. Referring to the exhibit, which statement is true about the Ansible host file?

Selected Answer

- ☐ Only router3 is included in the routers group.

Correct

- ☐ router1 and router2 are included in the routers group.

Click the Exhibit button. Which two statements are correct about the playbook shown in the exhibit? (Choose two.)

Selected Answer

- ☐ The host variable must be defined in the inventory file.
- ☐ The Juniper.junos modules will be executed locally on the control device.

Correct

- ☐ The host variable must be defined in the inventory file.
- ☐ The Juniper.junos modules will be executed locally on the control device.

You are asked to create a playbook that will be able to run the get_system_alarm_information remote procedure call. Which Ansible Galaxy module would you use to accomplish this task?

Selected Answer

- ☐ juniper_junos_system

Correct

- ☐ juniper_junos_rpc

Ansible playbooks are written in which format?

Selected Answer

- ☐ YAML

Correct

- ☐ YAML

Which two statements describe Ansible operations on a Junos device? (Choose two.)

Selected Answer

- ☐ Ansible uses YAML over SSH sessions.
- ☐ Ansible requires all tasks to execute locally on the control server.

Correct

- Ansible uses NETCONF over SSH sessions.
- Ansible requires all tasks to execute locally on the control server.

Click the Exhibit button. Which two types of files are shown in the exhibit? (Choose two.)

Selected Answer

- Ansible playbook
- JSON file

Correct

- Ansible playbook
- YAML file

Which statement is true about using Ansible with a Junos device?

Selected Answer

- SFTP must be used to allow communication between the Ansible control server and the Junos device.

Correct

- Ansible modules are executed on the control server.

Click the Exhibit button. In the playbook shown in the exhibit, how many Ansible tasks are listed?

Selected Answer

- 1

Correct

- 2

Which two statements are correct about a Python dictionary? (Choose two.)

Selected Answer

- It is an ordered collection of key-value pairs.
- It is an unordered collection of key-value pairs.

Correct

- It is an unordered collection of key-value pairs.
- It is identifiable by curly brackets ({}).

What is the # symbol used for in Python?

Selected Answer

- to comment

Correct

- to comment

Junos PyEZ is a microframework used to operate the Junos OS using which language?

Selected Answer

- Python

Correct

- Python

What is represented by `ConnectAuthError`, `ConnectTimeout`, and `ConnectError` in PyEZ?

Selected Answer

- successful connections in PyEZ scripts

Correct

- PyEZ exception handling

You are asked to write a PyEZ script that will modify the Junos configuration. Which PyEZ utils module will accomplish this task?

Selected Answer

- ftp

Correct

- config

The `&` and `|` characters represent which type of Python operator?

Selected Answer

- membership

Correct

- bitwise

Click the Exhibit button. Referring to the exhibit, which two statements are true about the PyEZ Python script? (Choose two.)

Selected Answer

- User credentials are passed using the `juniper.junos.utils.config` utility.
- The script attempts to establish a NETCONF session to connect to the device.

Correct

- The login is established outside of the operation of this script.
- The script attempts to establish a NETCONF session to connect to the device.

What is the outcome of the Python `a == b` operator?

Selected Answer

- The variables are compared to determine if they have different data types.

Correct

- The variables are compared to determine if they have the same value.

You are a programmer currently developing code on a Linux device. You want to start the Python interactive interpreter (shell) from the command prompt. Which command must be used to accomplish this task?

Selected Answer

- `bash$ python`

Correct

- `bash$ python`

Which two connection methods would be used with PyEZ? (Choose two.)

Selected Answer

- Telnet
- NETCONF over SSH

Correct

- Telnet
- NETCONF over SSH

Which code segment is an example of a Python tuple?

Selected Answer

- `t = {"Juniper", "Junos", "MX"}`

Correct

- `t = ("Juniper", "Junos", "MX")`

Which API uses HTTP or HTTPS to communicate with a Junos device?

Selected Answer

- JET

Correct

- REST

Which daemon on a Junos device is responsible for terminating a REST API HTTPS request?

Selected Answer

- `jsd`

Correct

- `lighttpd`

What is the default HTTP port that is used by the REST API to connect to a Junos device?

Selected Answer

- 3000

Correct

- 3000

Which transport protocol(s) is used by the Junos REST API?

Selected Answer

- IPv4 only

Correct

- IPv4 only

A REST client makes a request to a Junos device using the REST API. What is the last daemon that would process this request?

Selected Answer

- jsd
- mgd

Correct

You have configured the Junos OS so that you can securely access the REST API from a client device. You now want to use the REST API Explorer tool to execute RPC commands over HTTPS. In this scenario, which statement describes the actions you must perform on the Junos device?

Selected Answer

- You must enable Python as the scripting language and connect to the Junos device using the Explorer's default port of 443.
- You must enable the REST API Explorer tool and connect to the Junos device using the Explorer's default port of 3443.

Correct

What are two advantages of using the REST API? (Choose two.)

Selected Answer

- Most programming languages include libraries for the REST API.
- The session state information is stored on the server.

Correct

- Most programming languages include libraries for the REST API.
- The REST API uses simple tools that allow for fast prototyping.

You are asked by your manager to allow API access to your Junos devices. Your solution should have a GUI API explorer to test RPC commands. In this scenario, what are you being asked to support?

Selected Answer

- SNMP
- REST

Correct

Which code format is a valid example of an HTTP GET method?

Selected Answer

- protocol://device:port/rpc/procedure
- protocol://device:port/rpc/procedure

Correct

Which two tools should be used to test REST APIs? (Choose two.)

Selected Answer

- Puppet

- Postman

Correct

- curl
- Postman