

What are two of the DevOps Three Ways? (Choose two.)

Selected Answer

- Feedback
- Flow

Which Junos process handles automation using the XML API?

Selected Answer

- mgd

Which Junos process handles automation using the gRPC protocol?

Selected Answer

- jsd

Which type of Junos Automation Script gives users the ability to create custom Junos commands?

Selected Answer

- Op Scripts

What is a capability of JSNAPy?

Selected Answer

- Compare a device's past configuration with its current configuration.

Which command enables NETCONF on Junos devices?

Selected Answer

- set netconf ssh

Which two statements are true of Ansible inventory files? (Choose two.)

Selected Answer

- Ansible inventory files can be written in JSON.
- Ansible inventory files can be written in INI format.

Which two statements are true of Ansible playbooks? (Choose two.)

Selected Answer

- Ansible playbooks are written in YAML.
- Ansible playbooks are written in Python.

What is returned when you issue the show interface terse | display xml command?

Selected Answer

- a listing of interfaces in xml format

What is returned when you issue the show interface terse | display xml rpc command?

Selected Answer

- the XML API remote procedure call for the show interfaces terse command

What is the purpose of the Junos OS operational command schema data file?

Selected Answer

- It describes the XML API for Junos operational mode commands.

What is the syntax for specifying a parent node in XPath?

Selected Answer

- ..

You have been asked to create a script that extracts the username from the <login username = "Bob"; time = "10:00" /> element. Which XPath statement satisfies this requirement?

Selected Answer

- login/@username

Which two statements are true about JSON? (Choose two.)

Selected Answer

- JSON does not have syntax for creating comments in code.
- JSON ignores white space.

Which of the following is an example of an array in JSON?

Selected Answer

- interfaces : ["fxp0", "ge-0/0/0", "ge-0/0/1"]

Which two statements are true about YAML? (Choose two.)

Selected Answer

- YAML has syntax for creating comments in code.
- YAML documents start with three hyphens.

Which two statements are true about using Ansible to automate Junos devices? (Choose two.)

Selected Answer

- Ansible uses NETCONF to connect to a Junos device.
- Ansible playbooks run locally on the Ansible server.

Where will Ansible first look for an inventory file?

Selected Answer

- the /etc/ansible/hosts directory

Which two statements are true about the Ansible modules for Junos automation? (Choose two.)

Selected Answer

- The Juniper.junos and Ansible Junos modules can be used in the same playbook.

- Juniper provides support for the Juniper.junos Ansible Galaxy modules.

What does it mean when an Ansible task is idempotent?

Selected Answer

- The task is run only the first time the playbook is executed.

Which two statements are true about Python? (Choose two.)

Selected Answer

- Python is a compiled language.
- Python is an interpreted language.

Which two statements are true about Python dictionaries? (Choose two.)

Selected Answer

- Python dictionaries separate the key from the value with a period.
- Python dictionaries preserve the order of key value pairs.

What are two connection types supported by PyEZ? (Choose two.)

Selected Answer

- console
- NETCONF

What is the syntax needed to execute the <get-route-information> XML API RPC on a Junos device?

Selected Answer

- `route = dev.rpc.get_route_information(table="inet.0")`

Which PyEZ import statement will give you access to the libraries needed for error catching?

Selected Answer

- `from jnpr.junos import Device`

Which two statements are true concerning the Junos REST API? (Choose two.)

Selected Answer

- The Junos REST API can change the Junos configuration.
- The Junos REST API supports HTTPS.

Which Junos process handles REST API requests?

Selected Answer

- `mgd`

Which two statements are true of the REST API Explorer? (Choose two.)

Selected Answer

- It is a GUI based tool.
- It can use both HTTP GET and HTTP POST statements.

Which of the following is a properly formatted query for the Junos REST API Explorer?

Selected Answer

- `/rpc/get-interface-information`

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

Selected Answer

- 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

- This method provides a way to make changes quickly and add new features on demand.
- One phase of development must be completed before the next phase can start.

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.

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.

What represents the Infrastructure as Code workflow?

Selected Answer

- 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

- Puppet
- Chef

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

Selected Answer

- to lower cost
- to improve quality

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

Selected Answer

- Chef
- Ansible

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

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

Selected Answer

- Python

Which statement is correct about XML element nodes?

Selected Answer

- 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.

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

Selected Answer

- {

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

Selected Answer

- [

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.

Which example displays a YAML mapping?

Selected Answer

- hostname: router

Which statement is true about JSON?

Selected Answer

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

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

Selected Answer

- ansible-galaxy install Juniper.junos

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

Selected Answer

- junos_facts
- junos_rpc

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

Selected Answer

- /etc/ansible/hosts

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_rpc

Ansible playbooks are written in which format?

Selected Answer

- YAML

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

Selected Answer

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

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

Selected Answer

- 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`

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

Selected Answer

- `Python`

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

Selected Answer

- `successful connections in PyEZ scripts`

Which code segment is an example of a Python tuple?

Selected Answer

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

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

Selected Answer

- `config`

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

Selected Answer

- `REST`

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

Selected Answer

- `lighttpd`

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

Selected Answer

- `3000`

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

Selected Answer

- `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

- `mgd`

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 the REST API Explorer tool and connect to the Junos device using the Explorer's default port of 3443.