



JN0-420

Automation and DevOps Specialist

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SUCCESS GUIDE TO JUNIPER CERTIFICATION

Exam Summary – Syllabus – Questions

Table of Contents

| | |
|---|----------|
| Introduction to JN0-420 Exam on Automation and DevOps Specialist | 2 |
| Juniper JN0-420 Certification Details: | 2 |
| Juniper JN0-420 Exam Syllabus: | 3 |
| JN0-420 Sample Questions: | 4 |
| Answers to JN0-420 Exam Questions: | 5 |

Introduction to JN0-420 Exam on Automation and DevOps Specialist

A great way to start the Juniper Networks Certified Specialist Automation and DevOps (JNCIS-DevOps) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Juniper JN0-420 certification exam. This study guide is an instrument to get you on the same page with Juniper and understand the nature of the Juniper JNCIS DevOps exam.

Our team of experts has composed this Juniper JN0-420 exam preparation guide to provide the overview about Juniper Automation and DevOps Specialist exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Juniper JNCIS-DevOps exam by identifying prerequisite areas of knowledge. We recommend you to refer the simulation questions and practice test listed in this guide to determine what type of questions will be asked and the level of difficulty that could be tested in the Juniper JNCIS DevOps certification exam.

Juniper JN0-420 Certification Details:

| | |
|----------------------|---|
| Exam Name | Automation and DevOps Specialist |
| Exam Number | JN0-420 JNCIS-DevOps |
| Exam Price | \$300 USD |
| Duration | 90 minutes |
| Number of Questions | 65 |
| Passing Score | Variable (60-70% Approx.) |
| Recommended Training | Junos Platform Automation and DevOps (JAUT) |
| Exam Registration | PEARSON VUE |
| Sample Questions | Juniper JN0-420 Sample Questions |
| Practice Exam | Juniper Networks Certified Specialist Automation and DevOps Practice Test |

Juniper JN0-420 Exam Syllabus:

| Section | Objectives |
|------------------------------|--|
| Platform Automation Overview | Identify features and functions on an IDP sensor <ul style="list-style-type: none"> - MGD-based automation - JSD-based automation |
| NETCONF/XML API | Describe the concepts, benefits or operation of automation access methods <ul style="list-style-type: none"> - XML API - NETCONF - REST API - gRPC |
| Data Serialization | Describe the concepts, benefits or operation of data serialization <ul style="list-style-type: none"> - YAML - JSON - XML |
| Python/Ruby | Describe Python tools for automating Junos <ul style="list-style-type: none"> - PyEZ - RPCs - PyEZ exception handling - REST - JSNAPy - Jinja2 Describe Ruby tools for automating Junos <ul style="list-style-type: none"> - RubyEZ |
| Ansible | Describe how to use Ansible for automating Junos <ul style="list-style-type: none"> - Play books - Templates (Jinja2) |
| Junos Automation Scripts | Describe the concepts, benefits or operation of automation scripts for Junos <ul style="list-style-type: none"> - Commit, Op, Event, or SNMP scripts - Python - SLAX |
| YANG | Identify the concepts, general features of Junos support for YANG models <ul style="list-style-type: none"> - Implementation concepts |
| Juniper Extension Toolkit | Identify the concepts, general features or functionality of the Juniper Extension Toolkit <ul style="list-style-type: none"> - Service APIs - Notification APIs - Fast Programmatic Configuration (Ephemeral DBs) |

JN0-420 Sample Questions:

01. To which component(s) does the JET service APIs provide access?

- a) XML APIs
- b) YANG modules
- c) forwarding plane
- d) control plane

02. What is a correctly formatted JSON string?

- a) `{ "foo": ("a", "b", "c"), "bar": {1, 2, 3} }`
- b) `["foo": ("a", "b", "c"), "bar": [1, 2, 3]]'`
- c) `{ "foo": ("a", "b", "c"), "bar": (1, 2, 3) }'`
- d) `{ "foo": ("a", "b", "c"), "bar": [1, 2, 3] }'`

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

- a) Telnet
- b) SSH
- c) TLS
- d) BEEP

04. By default, Python event scripts and SNMP script configured on a Junos device execute as which user?

- a) snmpd
- b) wheel
- c) root
- d) nobody

05. You want to push a configuration onto a Junos device without using NETCONF. Which two will accomplish this task?

(Choose two.)

- a) JET
- b) JSNAPy
- c) Ansible
- d) ZTP

06. 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.

07. What are two benefits of network automation?

(Choose two)

- a) to enforce consistency in automated devices
- b) increase programming language fluency
- c) to provide historical configuration management
- d) to improve product lifecycle management

08. 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?

- a) super-user
- b) read-only
- c) operator
- d) root

09. 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/hosts on the control machine.
- b) The target device was not defined in /etc/ansible/inventory/hosts on the control machine.
- c) The target device was not defined in /etc/hosts on the control machine.
- d) The target device was not defined on the associated DNS servers.

10. Which command is valid for assessing a Junos device using the RESTful API on the default port?

- a) curl http://192.168.1.1/rpc/get-interface-information?interface-name=lo0 - u "user:pass123"
- b) curl http://user:pass123@192.168.1.1/rpc/get-interface-information?interfacen... lo0
- c) curl - u "user:pass123" http://192.168.1.1:80/rpc/get-interface-information?interface-name=lo0
- d) curl http://user:pass123@192.168.1.1:3000/rpc/get-interface-information?inter... lo0

Answers to JN0-420 Exam Questions:

| | | | | |
|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|
| Question: 01 Answer: d | Question: 02 Answer: c | Question: 03 Answer: b | Question: 04 Answer: d | Question: 05 Answer: a, d |
| Question: 06 Answer: a | Question: 07 Answer: a, d | Question: 08 Answer: a, d | Question: 09 Answer: a | Question: 10 Answer: b |

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@nwexam.com