JN0-102

Junos Associate

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SUCCESS GUIDE TO JUNIPER CERTIFICATION

Exam Summary – Syllabus – Questions

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Introduction to JN0-102 Exam on Junos Associate

A great way to start the Juniper Networks Certified Associate Junos (JNCIA-Junos) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Juniper JN0-102 certification exam. This study guide is an instrument to get you on the same page with Juniper and understand the nature of the Juniper JNCIA exam.

Our team of experts has composed this Juniper JN0-102 exam preparation guide to provide the overview about Juniper Junos Associate exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Juniper JNCIA-Junos 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 JNCIA certification exam.

Juniper JN0-102 Certification Details:

Exam Name	Junos Associate
Exam Number	JN0-102 JNCIA-Junos
Exam Price	$200 USD
Duration	90 minutes
Number of Questions	65
Passing Score	Variable (60-70% Approx.)
Recommended Training	Introduction to the Junos OS (IJOS) Junos Routing Essentials (JRE) JNCIA-Junos training bundle (IJOS & JRE) Networking Fundamentals
Exam Registration	PEARSON VUE
Sample Questions	Juniper JN0-102 Sample Questions
Practice Exam	**Juniper Networks Certified Associate Junos Practice Test**

Juniper JN0-102 Exam Syllabus:

Section	Objectives
Networking Fundamentals	Identify the concepts and functionality of various fundamental elements of networking - Collision domains and broadcast domains - Function of routers and switches - Optical network fundamentals - SONET/SDH, OTN - Ethernet networks - Layer 2 addressing, including address resolution - IPv4 and IPv6 fundamentals - Layer 3 / IP addressing, including subnet masks - Subnetting and supernetting - Decimal to binary conversion - Longest match routing - Connection-oriented vs. connectionless protocols
Junos OS Fundamentals	Identify the concepts, benefits and functionality of the core elements of the Junos OS - Junos device portfolio - product families, general functionality - Software architecture - Control and forwarding planes - Routing Engine and Packet Forwarding Engine - Protocol daemons - Transit traffic processing - Exception traffic
User Interfaces	Identify the concepts, operation and functionality of the Junos user interfaces - CLI functionality - CLI modes - CLI navigation - CLI Help - Filtering output - Active vs. candidate configuration - Reverting to previous configurations - Modifying, managing, and saving configuration files - Viewing, comparing, and loading configuration files - J-Web - core/common functionality
Junos Configuration Basics	Identify the main elements for configuring Junos devices - Factory-default state - Initial configuration - User accounts - Login classes - User authentication methods - Interface types and properties - Configuration groups - Additional initial configuration elements - NTP, SNMP, syslog, etc. - Configuration archival

Section	Objectives
	- Logging and tracing - Rescue configuration Describe how to configure basic components of a Junos device
Operational Monitoring and Maintenance	Identify methods of monitoring and maintaining Junos devices - Show commands - Monitor commands - Interface statistics and errors - Network tools - ping, traceroute, telnet, SSH, etc. - Real-time performance monitoring (RPM) - Junos OS installation - Software upgrades - Powering on and shutting down Junos devices - Root password recovery Describe monitoring and maintenance procedures for a Junos device
Routing Fundamentals	Identify basic routing concepts and functionality for Junos devices - Packet forwarding concepts - Routing tables - Routing vs. forwarding tables - Route preference - Routing instances - Static routing - Advantages of / use cases for dynamic routing protocols Describe how to configure and monitor basic routing elements for a Junos device

Section	Objectives
Routing Policy and Firewall Filters	Identify the concepts and functionality of routing policy and firewall filters on Junos devices - Default routing policies - Import and export policies - Routing policy flow - Effect of policies on routes and routing tables - Policy structure and terms - Policy match criteria, match types, and actions - Firewall filter concepts - Firewall filter concepts - Filter match criteria and actions - Effect of filters on packets - Unicast reverse-path-forwarding (RPF) Describe how to configure and monitor routing policies and firewall filters on a Junos device

JN0-102 Sample Questions:

01. Which command would be used to view the link status of interface ge-0/0/0?
a) show interfaces ge-0/0/0 extensive
b) show interfaces ge-0/0/0 link-status
c) show interfaces ge-0/0/0 link-info
d) show interfaces ge-0/0/0 verbose

02. Which command do you use to show the status of the file system storage space?
a) file list system storage
b) show file system storage
c) show chassis hardware storage
d) show system storage

03. When using the monitor traffic command on Junos devices, what is the correct parameter to send the captured information to a file named traffic?
a) file-write traffic
b) write traffic
c) file traffic
d) write-file traffic

04. What are three requirements to perform a unified in-service software upgrade (ISSU)?
(Choose three.)
a) The device must have dual Routing Engines.
b) Nonstop active routing (NSR) must be disabled.
c) The command request system software issu add must be used to upgrade the software.
d) The master and backup Routing Engines must be running the same software release.
e) Graceful Routing Engine switchover (GRES) must be enabled.

05. Which command do you use to show component and environmental status?
a) show chassis alarms
b) show system chassis environment
c) show chassis environment
d) show chassis status

06. You issue the ping interface t3-2/2/0 10.0.2.1 bypass-routing count 1000 rapid command. Which statement is correct?
a) The rapid parameter does nothing because a count is specified.
b) The rapid parameter will send out 1000 ping echo replies.
c) The rapid parameter will send out subsequent echo requests before receiving a reply.
d) The rapid parameter will allow the ping results to be reported in a single message for each ping request.

07. At which two layers of the OSI model does Ethernet operate?
(Choose two.)
a) Physical Layer
b) Logical Layer
c) Data Link Layer
d) Transport Layer

08. What represents the decimal equivalent of 10100101?
a) 4
b) 75
c) 127
d) 165

09. Using the routing table shown in the exhibit, what will be the next-hop IP address used for a packet with a destination IP address of 192.168.1.232? Click the Exhibit to see a larger version.
a) 10.20.14.130
b) 10.18.1.1
c) 10.20.14.131
d) 10.20.106.10

10. Which statement describes the role of a router on a broadcast domain?
a) A router provides DNS service for the broadcast domain.
b) A router connects small broadcast domains and forms larger broadcast domains.
c) A router provides secure communications within a broadcast domain.
d) A router facilitates communications between broadcast domains.

Answers to JN0-102 Exam Questions:

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

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