JUNIPER JN0-648

Juniper Enterprise Routing and Switching Professional Certification Questions & Answers

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JN0-648

Juniper Networks Certified Professional Enterprise Routing and Switching

65 Questions Exam – Variable (60-70% Approx.) Cut Score – Duration of 120 minutes

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Discover More about the JN0-648 Certification

Are you interested in passing the Juniper JN0-648 exam? First discover, who benefits from the JN0-648 certification. The JN0-648 is suitable for a candidate if he wants to learn about Enterprise Routing and Switching. Passing the JN0-648 exam earns you the Juniper Networks Certified Professional Enterprise Routing and Switching title.

While preparing for the JN0-648 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The JN0-648 PDF contains some of the most valuable preparation tips and the details and instant access to useful **JN0-648 study materials just at one click.**

Juniper JN0-648 Enterprise Routing and Switching Professional Certification Details:

Exam Name	Enterprise Routing and Switching Professional
Exam Number	JN0-648 JNCIP-ENT
Exam Price	$400 USD
Duration	120 minutes
Number of Questions	65
Passing Score	Variable (60-70% Approx.)
Recommended Training	**Advanced Junos Enterprise Switching (AJEX)** **Advanced Junos Enterprise Routing (AJER)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Juniper JN0-648 Sample Questions**
Practice Exam	**Juniper Networks Certified Professional Enterprise Routing and Switching Practice Test**

JN0-648 Syllabus:

Section	Objectives
Interior Gateway Protocols (IGPs)	Describe the concepts, operation, or functionality of IGPs • IS-IS • OSPFv2 and OSPFv3 • Routing Policy

Section	Objectives
	Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor IGPs
BGP	Describe the concepts, operation, or functionality of BGP • BGP route selection process • Next hop resolution • BGP attributes: concept and operation • BGP communities • Regular expressions • Load balancing - multipath, multihop, forwarding table • NLRI families: inet and inet6 • Advanced BGP options Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor BGP • Implement BGP routing policy
IP Multicast	Describe the concepts, operation, or functionality of IP multicast • Components of IP multicast, including multicast addressing • IP multicast traffic flow • Any-Source Multicast (ASM) vs. Source-Specific Multicast (SSM) • RPF: concept and operation • IGMP and IGMP snooping • PIM dense-mode and sparse-mode • Rendezvous point (RP): concept, operation, discovery, and election • SSM: requirements, benefits, address ranges • Anycast RP • MSDP • Routing policy and scoping Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor IP multicast • IGMP, PIM-DM, or PIM-SM (including SSM)

Section	Objectives
	• Implement IP multicast routing policy
Ethernet Switching and Spanning Tree	Describe the concepts, operation, or functionality of advanced Ethernet switching • Filter-based VLANs • Private VLANs • Dynamic VLAN registration using MVRP • Tunnel Layer 2 traffic through Ethernet networks • Junos Fusion Enterprise • Layer 2 tunneling using Q-in-Q and L2PT Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor advanced Ethernet switching • Filter-based VLANs • Private VLANs • Dynamic VLAN registration using MVRP • Tunnel Layer 2 traffic through Ethernet networks • Junos Fusion Enterprise • Layer 2 tunneling using Q-in-Q and L2PT Describe the concepts, operation, or functionality of advanced spanning tree protocols, including MSTP or VSTP • Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor MSTP or VSTP
Layer 2 Authentication and Access Control	Describe the operation of various Layer 2 authentication or access control features • Authentication process flow • 802.1x: concepts and functionality • MAC RADIUS • Captive portal • Server fail fallback • Guest VLAN • Considerations when using multiple authentication/access control methods

Section	Objectives
	Given a scenario, demonstrate how to configure, troubleshoot, or monitor Layer 2 authentication or access control
IP Telephony Features	Describe the concepts, operation, or functionality of features that facilitate IP telephony deployments • Power over Ethernet (PoE) • LLDP and LLDP-MED • Voice VLAN Given a scenario, demonstrate how to configure, troubleshoot, or monitor features used to support IP telephony deployments
Class of Service (CoS)	Describe the concepts, operation, or functionality of Junos CoS for Layer 2 or 3 networks • CoS processing on Junos devices • CoS header fields • Forwarding classes • Classification • Packet loss priority • Policers • Schedulers • Drop profiles • Shaping • Rewrite rules Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor CoS for Layer 2 or 3 networks
EVPN	Describe the concepts, operation, or functionality of Junos EVPN • VXLAN • Multi-homing (for example, active route types) Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor EVPN

Broaden Your Knowledge with Juniper JN0-648 Sample Questions:

Question: 1

Which protocol allows a switch to pass configuration information to an IP phone?

a) BFD
b) IPv6
c) LLDP-MED
d) VCCP

Answer: c

Question: 2

Which two port modes are associated with STP? (Choose two.)

a) alternate port
b) backup port
c) designated
d) root

Answer: c, d

Question: 3

You have a workstation and an IP phone that connect to the same physical port on your Juniper switch. Which statement is true?

a) You must configure two logical interfaces on the switch port.
b) The workstation and the phone both must send tagged traffic to the switch.
c) The switch port must be configured as a trunk port.
d) The access port can be configured to accept tagged and untagged traffic.

Answer: d

Question: 4

What is a supplicant in 802.1x authentication?

a) the device that prevents the end user device's access until it is authenticated
b) the authenticating device
c) the device being authenticated
d) the RADIUS server

Answer: c

Question: 5

Which two authentication methods are available for OSPF on Juniper devices? (Choose two.)

a) RSA
b) MD5 authentication
c) none
d) Certificate

Answer: b, c

Question: 6

Which statement is true regarding LLDP advertisements?

a) LLDP communicates VLAN information to VoIP devices
b) LLDP communicates device information to neighbors
c) LLDP communicates power requirements from PoE enabled devices
d) LLDP communicates CoS values to VoIP devices

Answer: b

Question: 7

Juniper devices use the token bucket algorithm for policing. Which two statements are true regarding the token bucket algorithm? (Choose two.)

a) Policers transmit streams of traffic at the maximum interface speed until the burst rate is reached.
b) Policers do not reduce the speed of an interface.
c) Policers reduce the speed of an interface.
d) Policers enforce gaps between transmitted packets.

Answer: b, d

Question: 8

When configuring connectivity to a VoIP enabled phone, which two statements are correct? (Choose two.)

a) The telephone device can signal to the switch which VLAN tag it will place on voice traffic.
b) The switch can signal to the phone device which VLAN tag it should use for voice traffic.
c) The switch places voice traffic in the expedited forwarding class by default.
d) The switch places voice traffic in the best-effort forwarding class by default.

Answer: b, c

Question: 9

Which two statements are true regarding BGP load balancing?

(Choose two.)

a) Multipath provides per-flow load balancing.
b) Multipath provides per-prefix load balancing.
c) Multipath places multiple next-hops in the forwarding table for each destination.
d) Multipath places a single next-hop in the forwarding table for each destination.

Answer: b, c

Question: 10

You are configuring MVRP for automatic VLAN registration. Which two statements are true?

(Choose two.)

a) the trunk port must not be configured with vlan members
b) the trunk port must be configured with "vlan all"
c) MVRP must be configured on all trunk ports
d) MVRP must be configured on all access ports

Answer: a, c

Avail the Study Guide to Pass Juniper JN0-648 Enterprise Routing and Switching Professional Exam:

- Find out about the JN0-648 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **JN0-648 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the JN0-648 training. Joining the Juniper provided training for JN0-648 exam helps a candidate to strengthen his practical knowledge base from the certification.

- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **JN0-648 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. JN0-648 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the JN0-648 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.