JUNIPER JN0-663

Juniper JNCIP-SP Certification Questions & Answers

Exam Summary – Syllabus – Questions

JN0-663

Juniper Networks Certified Professional Service Provider Routing and Switching

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

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Know Your JN0-663 Certification Well:

The JN0-663 is best suitable for candidates who want to gain knowledge in the Juniper Service Provider Routing and Switching. Before you start your JN0-663 preparation you may struggle to get all the crucial JNCIP-SP materials like JN0-663 syllabus, sample questions, study guide.

But don't worry the JN0-663 PDF is here to help you prepare in a stress free manner.
The PDF is a combination of all your queries like-

- What is in the JN0-663 syllabus?
- How many questions are there in the JN0-663 exam?
- Which Practice test would help me to pass the JN0-663 exam at the first attempt?

Passing the JN0-663 exam makes you Juniper Networks Certified Professional Service Provider Routing and Switching. Having the JNCIP-SP certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Juniper JN0-663 JNCIP-SP Certification Details:

Exam Name	Service Provider Routing and Switching Professional
Exam Code	JN0-663
Exam Price	$400 USD
Duration	120 minutes
Number of Questions	65
Passing Score	Pass / Fail (60-70% Approx.)
Recommended Training	**Advanced Junos Service Provider Routing (AJSPR)** **Junos Layer 2 VPNs (JL2V)** **Junos Layer 3 VPNs (JL3V)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Juniper JN0-663 Sample Questions**
Practice Exam	**Juniper Networks Certified Professional Service Provider Routing and Switching Practice Test**

JN0-663 Syllabus:

Section	Objectives
OSPF	Describe the concepts, operation, or functionality of OSPFv2 or OSPFv3 • OSPF area types and operations • LSA flooding through an OSPF multi-area network • DR/BDR operation • SPF algorithm • Metrics, including external metric types • Summarize and restrict routes • Virtual links • OSPFv2 versus OSPFv3 Given a scenario, demonstrate knowledge of how to configure or monitor single-area or multi-area OSPF • Implement OSPF routing policy
IS-IS	Describe the concepts, operation, or functionality of IS-IS • IS-IS areas/levels and operations • LSP flooding through an IS-IS multi-area network • DIS operation • SPF algorithm • Metrics, including wide metrics • Route summarization and route leaking Given a scenario, demonstrate knowledge of how to configure or monitor single-area or multi-area IS-IS • Implement IS-IS routing policy
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 • Multipath • Multihop

Section	Objectives
	• Load balancing • Advanced BGP options • BGP route damping • FlowSpec • Multiprotocol BGP Describe the concepts, operation, or functionality of BGP scaling mechanisms • Route reflection Given a scenario, demonstrate knowledge of how to configure or monitor BGP • Implement BGP routing policy
Class of Service (CoS)	Describe the concepts, operation, or functionality of Junos CoS • CoS processing on Junos devices • CoS header fields • Forwarding classes • Classification • Packet loss priority • Policers • Schedulers • Drop profiles • Rewrite rules Given a scenario, demonstrate knowledge of how to configure or monitor CoS
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) versus Source-Specific Multicast (SSM) • RPF: concept and operation • IGMP • PIM dense-mode and sparse-mode

Section	Objectives
	• Rendezvous point (RP): concept, operation, discovery, and election • SSM: requirements, benefits, address ranges • Anycast RP Given a scenario, demonstrate knowledge of how to configure or monitor IGMP, PIM-DM, or PIM-SM (including SSM) • Implement IP multicast routing policy
Layer 3 VPNs	Describe the concepts, operation, or functionality of Layer 3 VPNs • Traffic flow: control and data planes • Full mesh versus hub-and-spoke topology • VPN-IPv4 addressing • Route distinguishers • Route targets • Route distribution • Site of origin • Sham links • vrf-table-label • Next-generation MVPNs • Flow of control and data traffic in an MVPN • Layer 3 VPN scaling • IPv6 Layer 3 VPNs • Layer 3 VPN Internet access options - Given a scenario, demonstrate knowledge of how to configure or monitor the components of Layer 3 VPNs - Describe Junos support for carrier-of-carriers or interprovider VPN models
Layer 2 VPNs	Describe the concepts, operation, or functionality of BGP Layer 2 VPNs • Traffic flow: control and data planes • Forwarding tables • Connection mapping • Layer 2 VPN NLRI • Route distinguishers • Route targets

Section	Objectives
	• Layer 2 VPN scaling Describe the concepts, operation, or functionality of LDP Layer 2 circuits • Traffic flow: control and data planes • Virtual circuit label • AutoDiscovery • Layer 2 interworking Describe the concepts, operation, or functionality of VPLS • Traffic flow: control and data planes • BGP VPLS label distribution • LDP VPLS label distribution • Route targets • VPLS Multihoming • Site IDs Describe the concepts, operation, or functionality of EVPN • Traffic flow: control and data planes • MAC learning and distribution • EVPN Multihoming • BGP EVPN label distribution Given a scenario, demonstrate knowledge of how to configure, monitor, or troubleshoot Layer 2 VPNs • BGP Layer 2 VPNs • LDP Layer 2 circuits • EVPNs • VPLS

Juniper JN0-663 Sample Questions:

Question: 1

You use OSPF as your IGP. You are configuring an MPLS overlay that crosses your network and want to configure engineered paths that use link colors for path selection. Which action must you perform?

a) Configure [set protocols mpls no-cspf].
b) Configure traffic-engineering under [protocols ospf].
c) Use LDP signaled LSPs.
d) Configure [set protocols mpls traffic-engineering bgp-igp].

Answer: b

Question: 2

You are configuring an OSPF network. You want to break it up into three areas. Area 0 contains two routers. A router connects to each router in Area 0 with a single link. Which two statements are true? (Choose two.)

a) The non-zero areas must have unique area IDs.
b) The routes from the non-zero areas will be summarized by default.
c) The routes from the non-zero areas will not be summarized by default.
d) The non-zero areas can both have the same area ID.

Answer: c,d

Question: 3

Packets enter a Junos device and are classified with CoS. During the processing of the packet, the classification of the packets is changed. Which two statements are true regarding default CoS rewrite on Junos devices? (Choose two.)

a) Bits associated with a DSCP traffic class are rewritten to match the new traffic classification values.
b) Bits associated with MPLS traffic class are rewritten to match the new traffic classification values.
c) Bits associated with DSCP traffic class are not rewritten to match the new traffic classification values.
d) Bits associated with MPLS traffic class are not rewritten to match the new traffic classification values.

Answer: b,c

Question: 4

You are provisioning a L3VPN service for your customer. Customer traffic must leave your AS to reach a remote site. Which statement is true?

a) A single LSP can be created across AS boundaries.
b) GRE tunneling must be used to cross the peer AS.
c) A L3VPN must be used to cross the peer AS.
d) BGP can advertise labels to the peer AS.

Answer: d

Question: 5

You have configured a L3VPN across your network and are using GRE tunnels for transit. Which two statements are true?

(Choose two.)

a) The gre tunnel interface must be placed in the routing instance.
b) The tunnel interface must be added to inet.3.
c) Route reflectors cannot be used for route exchange.
d) Family MPLS must be enabled on the tunnel interface.

Answer: b,d

Question: 6

Junos 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: 7

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

a) Multihomed CEs require a unique ESI for each of the links.
b) With a multihomed CE, both PEs must use the same ESI when connected to the same CE.
c) The ESI for all sites in an EVPN domain must be the same.
d) The ESI for each site in an EVPN must be unique.

Answer: b,d

Question: 8

Which function allows an OSPF network to span a L3VPN?

a) sham link
b) virtual link
c) OSPF direct peering
d) route redistribution

Answer: a

Question: 9

Referring to IS-IS, what is the purpose of a mesh group?

a) to prevent redundant flooding of LSPs in a full mesh network
b) to guarantee delivery of LSPs in a full mesh network
c) to segment a router into multiple broadcast domains
d) to cause a router to flood LSPs to all members of a group

Answer: a

Question: 10

Regarding VPLS, which two can be configured to prevent a loop when a CE is multihomed to a single PE? (Choose two.)

a) unique route target for each connection
b) Spanning Tree Protocol
c) LAG
d) VLAN tagging

Answer: b,c

Study Guide to Crack Juniper JNCIP-SP JN0-663 Exam:

- Getting details of the JN0-663 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the JN0-663 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Juniper provided training for JN0-663 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the JN0-663 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on JN0-663 practice tests is must. Continuous practice will make you an expert in all syllabus areas.