



JUNIPER JN0-649

Juniper JNCIP Routing and Switching Certification Questions & Answers

Exam Summary – Syllabus – Questions

JN0-649

[Juniper Networks Certified Professional Enterprise Routing and Switching](#)

65 Questions Exam – Variable (60-70% Approx.) Cut Score – Duration of 90 minutes

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Know Your JN0-649 Certification Well:

The JN0-649 is best suitable for candidates who want to gain knowledge in the Juniper Enterprise Routing and Switching. Before you start your JN0-649 preparation you may struggle to get all the crucial JNCIP Routing and Switching materials like JN0-649 syllabus, sample questions, study guide.

But don't worry the JN0-649 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 JN0-649 syllabus?
- How many questions are there in the JN0-649 exam?
- Which Practice test would help me to pass the JN0-649 exam at the first attempt?

Passing the JN0-649 exam makes you Juniper Networks Certified Professional Enterprise Routing and Switching. Having the JNCIP Routing and Switching 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 JN0-649 JNCIP Routing and Switching Certification Details:

Exam Name	Enterprise Routing and Switching Professional
Exam Code	JN0-649
Exam Price	\$400 USD
Duration	90 minutes
Number of Questions	65
Passing Score	Variable (60-70% Approx.)
Recommended Training	Advanced Junos Enterprise Routing (AJER), Advanced Junos Enterprise Switching (AJEX)
Exam Registration	PEARSON VUE
Sample Questions	Juniper JN0-649 Sample Questions

Practice Exam	<u>Juniper Networks Certified Professional Enterprise Routing and Switching Practice Test</u>
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JN0-649 Syllabus:

Section	Objectives
Interior Gateway Protocols (IGPs)	<ul style="list-style-type: none"> - Describe the concepts, operation, or functionality of IGPs <ul style="list-style-type: none"> • IS-IS • OSPFv2 and OSPFv3 • Routing Policy • Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor IGPs
BGP	<ul style="list-style-type: none"> - Describe the concepts, operation, or functionality of BGP <ul style="list-style-type: none"> • BGP route selection process • Next hop resolution • BGP attributes: concept and operation • BGP communities • 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 <ul style="list-style-type: none"> • Implement BGP routing policy
IP Multicast	<ul style="list-style-type: none"> - Describe the concepts, operation, or functionality of IP multicast <ul style="list-style-type: none"> • 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, IGMP snooping • PIM sparse-mode • Rendezvous point (RP) - concept, operation, discovery, election • Anycast RP

Section	Objectives
	<ul style="list-style-type: none"> • MSDP • Routing policy and scoping <p>- Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor IP multicast</p> <ul style="list-style-type: none"> • IGMP, PIM-SM (including SSM) • Implement IP multicast routing policy
<p>Ethernet Switching and Spanning Tree</p>	<p>- Describe the concepts, operation or functionality of advanced Ethernet switching</p> <ul style="list-style-type: none"> • Filter-based VLANs • Private VLANs • Dynamic VLAN registration using MVRP • Tunnel Layer 2 traffic through Ethernet networks • Layer 2 tunneling using Q-in-Q and L2PT <p>- Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor advanced Ethernet switching</p> <ul style="list-style-type: none"> • Filter-based VLANs • Dynamic VLAN registration using MVRP • Tunnel Layer 2 traffic through Ethernet networks • Layer 2 tunneling using Q-in-Q and L2PT <p>- Describe the concepts, operation, or functionality of advanced spanning tree protocols, including MSTP or VSTP.</p> <p>- Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor MSTP or VSTP.</p>
<p>Layer 2 Authentication and Access Control</p>	<p>- Describe the operation of various Layer 2 authentication or access control features</p> <ul style="list-style-type: none"> • Authentication process flow • 802.1x - concepts and functionality • MAC RADIUS • Captive portal • Server fail fallback • Guest VLAN

Section	Objectives
	<ul style="list-style-type: none"> • Considerations when using multiple authentication/access control methods <p>- Given a scenario, demonstrate how to configure, troubleshoot, or monitor Layer 2 authentication or access control.</p>
IP Telephony Features	<p>- Describe the concepts, operation or functionality of features that facilitate IP telephony deployments</p> <ul style="list-style-type: none"> • Power over Ethernet (PoE) • LLDP and LLDP-MED • Voice VLAN <p>- Given a scenario, demonstrate how to configure, troubleshoot, or monitor features used to support IP telephony deployments.</p>
Class of service (CoS)	<p>- Describe the concepts, operation, or functionality of Junos CoS for Layer 2/3 networks</p> <ul style="list-style-type: none"> • CoS processing on Junos devices • CoS header fields • Forwarding classes • Classification • Packet loss priority • Policers • Schedulers • Drop profiles • Shaping • Rewrite rules <p>- Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor CoS for Layer 2 or 3 networks.</p>
EVPN	<p>- Describe the concepts, operation, or functionality of Junos EVPN</p> <ul style="list-style-type: none"> • Route types (e.g., Type 1, 2 3) • VXLAN • Multi-homing (e.g., active route types)

Section	Objectives
	- Given a scenario, demonstrate knowledge of how to configure, troubleshoot, or monitor EVPN.

Juniper JN0-649 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 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: 3

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: 4

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

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

Answer: c, d

Question: 5

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

Question: 6

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: 7

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: 8**

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: 9**

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: 10**

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

Study Guide to Crack Juniper JNCIP Routing and Switching JN0-649 Exam:

- Getting details of the JN0-649 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 JN0-649 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 JN0-649 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 JN0-649 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 JN0-649 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for JN0-649 Certification

Make NWExam.com your best friend during your Enterprise Routing and Switching Professional exam preparation. We provide authentic practice tests for the JN0-649 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual JN0-649 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the JN0-649 exam.

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