



# JUNIPER JN0-349

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Juniper JNCIS-ENT Certification Questions & Answers

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Exam Summary – Syllabus – Questions

**JN0-349**

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

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

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## Know Your JN0-349 Certification Well:

The JN0-349 is best suitable for candidates who want to gain knowledge in the Juniper Enterprise Routing and Switching. Before you start your JN0-349 preparation you may struggle to get all the crucial JNCIS-ENT materials like JN0-349 syllabus, sample questions, study guide.

But don't worry the JN0-349 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 JN0-349 syllabus?
- How many questions are there in the JN0-349 exam?
- Which Practice test would help me to pass the JN0-349 exam at the first attempt?

Passing the JN0-349 exam makes you Juniper Networks Certified Specialist Enterprise Routing and Switching. Having the JNCIS-ENT 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 JN0-349 JNCIS-ENT Certification Details:

<b>Exam Name</b>	Enterprise Routing and Switching Specialist
<b>Exam Code</b>	JN0-349
<b>Exam Price</b>	\$300 USD
<b>Duration</b>	90 minutes
<b>Number of Questions</b>	65
<b>Passing Score</b>	Variable (60-70% Approx.)
<b>Recommended Training</b>	<a href="#">Junos Intermediate Routing (JIR)</a> <a href="#">Junos Enterprise Switching (JEX)</a>
<b>Exam Registration</b>	<a href="#">PEARSON VUE</a>
<b>Sample Questions</b>	<a href="#">Juniper JN0-349 Sample Questions</a>

<b>Practice Exam</b>	<b><u><a href="#">Juniper Networks Certified Specialist Enterprise Routing and Switching Practice Test</a></u></b>
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## JN0-349 Syllabus:

Section	Objectives
<b>Layer 2 Switching or VLANs</b>	<p>Identify the concepts, operation, or functionality of Layer 2 switching for the Junos OS</p> <ul style="list-style-type: none"> <li>• Bridging components</li> <li>• Frame processing</li> </ul> <p>Describe the concepts, benefits, or functionality of VLANs</p> <ul style="list-style-type: none"> <li>• Ports</li> <li>• Tagging</li> <li>• Native VLANs and voice VLANs</li> <li>• Inter-VLAN routing</li> </ul> <p>Demonstrate knowledge how to configure, monitor or troubleshoot Layer 2 switching or VLANs</p> <ul style="list-style-type: none"> <li>• Interfaces and ports</li> <li>• VLANs</li> <li>• Inter-VLAN Routing</li> </ul>
<b>Spanning Tree</b>	<p>Describe the concepts, benefits, operation, or functionality of the Spanning Tree Protocol</p> <ul style="list-style-type: none"> <li>• STP and RSTP concepts</li> <li>• Port roles and states</li> <li>• BPDUs</li> <li>• Convergence and reconvergence</li> </ul> <p>Demonstrate knowledge how to configure, monitor, or troubleshoot Spanning Tree</p> <ul style="list-style-type: none"> <li>• STP</li> <li>• RSTP</li> </ul>
<b>Layer 2 Security</b>	<p>Identify the concepts, benefits or operation of various Layer 2 protection or security features</p>

Section	Objectives
	<ul style="list-style-type: none"> <li>• BPDU, loop or root protection</li> <li>• Port security, including MAC limiting, DHCP snooping, Dynamic ARP inspection (DAI) or IP source guard</li> <li>• MACsec</li> <li>• Storm control</li> </ul> <p>Identify the concepts, benefits or operation of Layer 2 firewall filters</p> <ul style="list-style-type: none"> <li>• Filter types</li> <li>• Processing order</li> <li>• Match criteria and actions</li> </ul> <p>Demonstrate knowledge how to configure, monitor, or troubleshoot Layer 2 security</p> <ul style="list-style-type: none"> <li>• Protection</li> <li>• Port security</li> <li>• Storm control</li> <li>• Firewall filter configuration and application</li> </ul>
<b>Protocol Independent Routing</b>	<p>Identify the concepts, operation or functionality of various protocol-independent routing components</p> <ul style="list-style-type: none"> <li>• Static, aggregate, and generated routes</li> <li>• Martian addresses</li> <li>• Routing instances, including RIB groups</li> <li>• Load balancing</li> <li>• Filter-based forwarding</li> </ul> <p>Demonstrate knowledge how to configure, monitor, or troubleshoot various protocol-independent routing components</p> <ul style="list-style-type: none"> <li>• Static, aggregate, and generated routes</li> <li>• Load balancing</li> <li>• Filter-based forwarding</li> </ul>
<b>OSPF</b>	<p>Describe the concepts, operation or functionality of OSPF</p> <ul style="list-style-type: none"> <li>• Link-state database</li> <li>• OSPF packet types</li> <li>• Router ID</li> </ul>

Section	Objectives
	<ul style="list-style-type: none"> <li>• Adjacencies and neighbors</li> <li>• Designated router (DR) and backup designated router (BDR)</li> <li>• OSPF area and router types</li> <li>• Realms</li> <li>• LSA packet types</li> </ul> <p>Demonstrate knowledge how to configure, monitor or troubleshoot OSPF</p> <ul style="list-style-type: none"> <li>• Areas, interfaces and neighbors</li> <li>• Additional basic options</li> <li>• Routing policy application</li> <li>• Troubleshooting tools (e.g., ping, traceroute, trace options, show commands, logging)</li> </ul>
<b>IS-IS</b>	<p>Describe the concepts, operation or functionality of IS-IS</p> <ul style="list-style-type: none"> <li>• Link-state database</li> <li>• IS-IS PDUs</li> <li>• TLVs</li> <li>• Adjacencies and neighbors</li> <li>• Levels and areas</li> <li>• Designated intermediate system (DIS)</li> <li>• Metrics</li> </ul> <p>Demonstrate knowledge of how to configure, monitor or troubleshoot IS-IS</p> <ul style="list-style-type: none"> <li>• Levels, interfaces and adjacencies</li> <li>• Additional basic options</li> <li>• Routing policy application</li> <li>• Troubleshooting tools (e.g., ping, traceroute, trace options, show commands, logging)</li> </ul>
<b>BGP</b>	<p>Describe the concepts, operation or functionality of BGP</p> <ul style="list-style-type: none"> <li>• BGP basic operation</li> <li>• BGP message types</li> <li>• Attributes</li> <li>• Route/path selection process</li> <li>• IBGP and EBGP functionality and interaction</li> </ul>

Section	Objectives
	<p>Demonstrate knowledge of how to configure, monitor, or troubleshoot BGP</p> <ul style="list-style-type: none"> <li>• Groups and peers</li> <li>• Additional basic options</li> <li>• Routing policy application</li> <li>• Troubleshooting tools (e.g., ping, traceroute, trace options, show commands, logging)</li> </ul>
<b>Tunnels</b>	<p>Identify the concepts, requirements or functionality of IP tunneling</p> <ul style="list-style-type: none"> <li>• Tunneling applications and considerations</li> <li>• GRE</li> <li>• IP-IP</li> </ul> <p>Demonstrate knowledge of how to configure, monitor or troubleshoot IP tunnels</p> <ul style="list-style-type: none"> <li>• GRE</li> <li>• IP-IP</li> <li>• Troubleshooting tools (e.g., ping, traceroute, trace options, show commands, logging)</li> </ul>
<b>High Availability</b>	<p>Identify the concepts, benefits, applications or requirements for high availability in a Junos OS environment</p> <ul style="list-style-type: none"> <li>• Link aggregation groups (LAG)</li> <li>• Redundant trunk groups (RTG)</li> <li>• Virtual Chassis</li> <li>• Graceful restart (GR)</li> <li>• Graceful Routing Engine switchover (GRES)</li> <li>• Nonstop active routing (NSR)</li> <li>• Nonstop bridging (NSB)</li> <li>• Bidirectional Forwarding Detection (BFD)</li> <li>• Virtual Router Redundancy Protocol (VRRP)</li> <li>• Unified In-Service Software Upgrade (ISSU)</li> </ul> <p>Demonstrate knowledge of how to configure, monitor, or troubleshoot high availability components</p> <ul style="list-style-type: none"> <li>• LAG and RTG</li> </ul>

Section	Objectives
	<ul style="list-style-type: none"><li>• Virtual Chassis</li><li>• GR, GRES, NSB, and NSR</li><li>• VRRP</li><li>• ISSU</li><li>• Troubleshooting tools (e.g., trace options, show commands, logging)</li></ul>

## Juniper JN0-349 Sample Questions:

### Question: 1

Which command shows you the status of the redundant trunk groups configured on an EX Series switch?

- a) show interfaces
- b) show redundant-trunk-group
- c) show spanning-tree interface
- d) show ethernet-switching redundant-trunk-group

**Answer: a**

### Question: 2

Which is evaluated first when selecting a BGP route?

- a) MED
- b) Origin
- c) Local preference
- d) AS path

**Answer: c**

### Question: 3

Which operational mode command will show the VRRP priority?

- a) show vrrp detail
- b) show interfaces vrrp extensive
- c) show vrrp summary
- d) monitor interfaces vrrp

**Answer: a**



**Question: 4**

Which two statements regarding an STP BPDU Ethernet frame are true?

(Choose two.)

- a) The source MAC address is always 01:80:C2:00:00:00.
- b) The destination MAC address is always 01:80:C2:00:00:00.
- c) The destination MAC address is the MAC address associated with the receiving interface.
- d) The source MAC address is the MAC address associated with the transmitting interface.

**Answer: b, d**

**Question: 5**

Which protocol family must you configure to enable bridging on an interface of an EX Series switch?

- a) inet
- b) inet-bridging
- c) ethernet-switching
- d) ethernet-bridging

**Answer: c**

**Question: 6**

You must allow both untagged and tagged VLAN traffic to enter an interface on an EX Series switch. Which two methods satisfy this requirement?

(Choose two.)

- a) Configure the port with dual-mode VLAN tagging.
- b) Configure the port using the voice VLAN feature.
- c) Configure the port with the native-vlan-id parameter.
- d) Configure the port with the access parameter.

**Answer: b, c**

**Question: 7**

A root bridge in an RSTP network is connected to other neighboring bridges using point-to-point links. Which combination of port types can exist on the root bridge?

- a) There can be some combination of designated ports and alternate ports.
- b) There can be some combination of root ports and alternate ports.
- c) All ports will be designated ports.
- d) All ports will be root ports.

**Answer: c****Question: 8**

Which two tools are useful for monitoring inter-VLAN routing? (Choose two.)

- a) vlan-trace
- b) GVRP
- c) ping
- d) traceroute

**Answer: c, d****Question: 9**

What are three valid bridging mechanisms? (Choose three.)

- a) Forwarding
- b) Refreshing
- c) Flooding
- d) Aging
- e) Segmenting

**Answer: a, c, d****Question: 10**

Which statement is true regarding STP?

- a) All switch ports operating in the point-to-point mode have a quicker recovery time than switch ports operating in shared mode.
- b) All switch ports must pass through the listening and learning states before they can be placed in the forwarding state.
- c) Edge ports are automatically placed in the forwarding state when they are operational.

- d) Nonedge ports must receive at least one keepalive every six seconds to remain operational.

**Answer: b**

## Study Guide to Crack Juniper JNCIS-ENT JN0-349 Exam:

- Getting details of the JN0-349 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 JN0-349 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 JN0-349 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 JN0-349 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 JN0-349 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

### Reliable Online Practice Test for JN0-349 Certification

Make NWExam.com your best friend during your Enterprise Routing and Switching Specialist exam preparation. We provide authentic practice tests for the JN0-349 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual JN0-349 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 JN0-349 exam.

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