



# JUNIPER JN0-348

---

Juniper JNCIS-ENT Certification Questions & Answers

---

Exam Summary – Syllabus – Questions

**JN0-348**

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

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

## Table of Contents:

|   |    |
|---|----|
| Know Your JN0-348 Certification Well: .....                   | 2  |
| Juniper JN0-348 JNCIS-ENT Certification Details:.....         | 2  |
| JN0-348 Syllabus: .....                                       | 2  |
| Juniper JN0-348 Sample Questions:.....                        | 7  |
| Study Guide to Crack Juniper JNCIS-ENT JN0-348 Exam:<br>..... | 10 |

## Know Your JN0-348 Certification Well:

The JN0-348 is best suitable for candidates who want to gain knowledge in the Juniper Enterprise Routing and Switching. Before you start your JN0-348 preparation you may struggle to get all the crucial JNCIS-ENT materials like JN0-348 syllabus, sample questions, study guide.

But don't worry the JN0-348 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 JN0-348 syllabus?
- How many questions are there in the JN0-348 exam?
- Which Practice test would help me to pass the JN0-348 exam at the first attempt?

Passing the JN0-348 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 JN0-348 JNCIS-ENT Certification Details:

|                             |  |
|-----------------------------|--|
| <b>Exam Name</b>            | Enterprise Routing and Switching Specialist  |
| <b>Exam Code</b>            | JN0-348  |
| <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><br><a href="#">Junos Enterprise Switching (JEX)</a> |
| <b>Exam Registration</b>    | <a href="#">PEARSON VUE</a>  |
| <b>Sample Questions</b>     | <a href="#">Juniper JN0-348 Sample Questions</a>   |
| <b>Practice Exam</b>        | <a href="#">Juniper Networks Certified Specialist Enterprise Routing and Switching Practice Test</a> |

## JN0-348 Syllabus:

| Section                     | Objectives  |
|-----------------------------|---|
| Layer 2 Switching and VLANs | Identify the concepts, operation, or functionality of Layer 2 switching for the Junos OS <ul style="list-style-type: none"> <li>- Bridging components</li> <li>- Frame processing</li> </ul> Describe the concepts, benefits, or functionality of VLANs <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> Demonstrate knowledge how to configure, monitor or troubleshoot Layer 2 switching or VLANs <ul style="list-style-type: none"> <li>- Interfaces and ports</li> <li>- VLANs</li> <li>- Junos Network Director</li> <li>- Inter-VLAN Routing</li> </ul> |
| Spanning Tree               | Describe the concepts, benefits, operation, or functionality of the Spanning Tree Protocol <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> Demonstrate knowledge how to configure, monitor, or troubleshoot STP and RSTP <ul style="list-style-type: none"> <li>- STP</li> <li>- RSTP</li> </ul>   |
| Layer 2 Security            | Identify the concepts, benefits or operation of various Layer 2 protection or security features <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> Identify the concepts, benefits or operation of Layer 2 firewall filters <ul style="list-style-type: none"> <li>- Filter types</li> </ul>   |

| Section                      | Objectives  |
|------------------------------|---|
|                              | <ul style="list-style-type: none"> <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>   |
| Protocol-Independent Routing | <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>   |
| OSPF                         | <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> <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> |
| IS-IS                        | <p>Describe the concepts, operation or functionality of IS-IS</p> <ul style="list-style-type: none"> <li>- Link-state database</li> </ul>   |

| Section           | Objectives   |
|-------------------|--|
|                   | <ul style="list-style-type: none"> <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>   |
| BGP               | <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> <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> |
| Tunnels           | <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/UDP</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/UDP</li> <li>- IP-IP</li> <li>- Troubleshooting tools (e.g., ping, traceroute, trace options, show commands, logging)</li> </ul>   |
| High Availability | <p>Identify the concepts, benefits, applications or requirements for high availability in a Junos OS environment</p>   |

| Section | Objectives  |
|---------|---|
|         | <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> <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 JN0-348 Sample Questions:

### Question: 1

Which is evaluated first when selecting a BGP route?

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

**Answer: c**

### Question: 2

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

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

**Answer: a, c, d**

### Question: 3

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: 4

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: 5**

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**

**Question: 6**

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: 7**

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: 8**

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: 9**

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: 10**

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

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

**Answer: c, d**

# Study Guide to Crack Juniper JNCIS-ENT JN0-348

## Exam:

- Getting details of the JN0-348 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 JN0-348 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 JN0-348 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 JN0-348 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 JN0-348 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for JN0-348 Certification

Make NWExam.com your best friend during your Enterprise Routing and Switching Specialist exam preparation. We provide authentic practice tests for the JN0-348 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual JN0-348 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 JN0-348 exam.

**Start Online Practice of JN0-348 Exam by Visiting URL**

**<https://www.nwexam.com/juniper/jn0-348-enterprise-routing-and-switching-specialist-jncis-ent>**