
Junos Foundations: JNCIA-Junos Boot Camp

Duración: 2 Días Código del Curso: IJOS-JRE

Temario:

Prepare to operate Juniper based networks and pass the JNCIA-Junos exam. Gain the foundation required to work with the Junos operating system (OS) and to configure and route a Junos device-based network in this two-day course. You will also prepare to take the Juniper Networks Certified Internet Associate - Junos (JNCIA-Junos) certification exam. After a brief overview of the Junos device families, you'll learn about the key architectural components of the software. Through demonstrations and hands-on labs, you will gain experience in configuring and monitoring the Junos OS and monitoring basic device operations. You will dive into routing and configuration, beginning with an overview of general routing concepts and covering routing policy and firewall filters and Class of Service (CoS). You'll also get hands-on experience configuring and monitoring the Junos OS and monitoring basic device operations.

Dirigido a:

Individuals responsible for configuring and monitoring devices running the Junos OS

Objetivos:

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|--|---|
| ■ After you complete this course you will be able to: | ■ |
| ■ Describe the basic design architecture of the Junos OS | ■ View and describe routing and forwarding tables. |
| ■ | ■ |
| ■ Perform secondary configuration tasks for features and services such as system logging (syslog) and tracing, Network Time Protocol | ■ Configure and monitor static routing. |
| ■ | ■ |
| ■ Identify and provide a brief overview of Junos devices. (NTP), configuration archival, and SNMP. | ■ Configure and monitor OSPF. |
| ■ | ■ |
| ■ Navigate within the Junos CLI. Monitor basic operation for the Junos OS and devices. | ■ Describe the framework for routing policy and firewall filters. |
| ■ | ■ |
| ■ Perform tasks within the CLI operational and configuration Modes | ■ Explain the evaluation of routing policy and firewall filters. |
| ■ | ■ |
| ■ Identify and use network utilities. | ■ Identify instances where you might use routing policy. |
| ■ | ■ |
| ■ Upgrade the Junos OS. | ■ Write and apply a routing policy. |
| ■ | ■ |
| ■ Restore a Junos device to its factory-default state. | ■ Identify instances where you might use firewall filters. |
| ■ | ■ |
| ■ Perform file system maintenance and password recovery on a | ■ Write and apply a firewall filter. |
| | ■ |
| | ■ Describe the operation and configuration for unicast reverse path forwarding (RPF). |

Junos

- - Perform initial configuration tasks. device.
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 - Configure and monitor network interfaces.
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 - Navigate within the Junos J-Web interface.
 -
 - Explain basic routing operations and concepts.
- - Explain the purpose and benefits of CoS.
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 - List and explain the various components of CoS.
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 - Implement and verify proper operation of CoS.

Prerequisites:

Students should have basic networking knowledge and an understanding of the Open Systems Interconnection (OSI) reference model and the TCP/IP protocol suite.

Exámenes y certificación

This course is part of the following programs or tracks:

Juniper Networks Certified Internet Associate - Junos (JNCIA-Junos)

Siguientes cursos recomendados:

The following courses are recommended for further study:

- JNCIS Enterprise Routing and Switching Certification Boot Camp (JIR, JEX)
- JNCIS Security Certification Boot Camp (JSEC, JUTM)
- Junos Enterprise Routing Skills Camp (JIR, AJER)
- Junos Enterprise Switching Skills Camp (JEX, AJEX)
- Junos Security Skills Camp (JSEC, AJSEC)
- JEX - Junos Enterprise Switching
- JIR - Junos Intermediate Routing
- JSE - Junos Space Essentials
- JSEC - Junos Security

Contenido:

Junos Operating System Fundamentals

■ The Junos OS

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Routing Policy and Firewall Filters

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User Interface Options

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