

# Juniper - Introduction to the Junos Operating System (IJOS)

**Duration:** 24.00 hours (3 days)

**19.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

This three-day course provides students with the foundational knowledge required to work with the Juniper Networks Junos operating system and to configure Junos devices. The course provides a brief overview of the Junos device families and discusses the key architectural components of the software. Key topics include user interface options with a heavy focus on the command-line interface (CLI), configuration tasks typically associated with the initial setup of devices, interface configuration basics with configuration examples, secondary system configuration, and the basics of operational monitoring and maintenance of Junos devices. The course then delves into foundational routing knowledge and configuration examples including general routing concepts, routing policy, and firewall filters.

## About This Course

This three-day course provides students with the foundational knowledge required to work with the Juniper Networks Junos operating system and to configure Junos devices. The course provides a brief overview of the Junos device families and discusses the key architectural components of the software. Key topics include user interface options with a heavy focus on the command-line interface (CLI), configuration tasks typically associated with the initial setup of devices, interface configuration basics with configuration examples, secondary system configuration, and the basics of operational monitoring and maintenance of Junos devices. The course then delves into foundational routing knowledge and configuration examples including general routing concepts, routing policy, and firewall filters.

## **Who Should Attend**

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This course benefits individuals responsible for configuring and monitoring devices running the Junos OS.

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

After successfully completing this course, you should be able to:

Describe the basic design architecture of the Junos OS.

Identify and provide a brief overview of Junos devices.

Navigate within the Junos CLI.

Perform tasks within the CLI operational and configuration modes.

Restore a Junos device to its factory-default state.

Perform initial configuration tasks.

Configure and monitor network interfaces.

Describe user configuration and authentication options.

Perform secondary configuration tasks for features and services such as system logging (syslog) and tracing, Network Time Protocol (NTP), configuration archival, and SNMP.

Monitor basic operation for the Junos OS and devices.

Identify and use network utilities.

Upgrade the Junos OS.

Perform file system maintenance and password recovery on a Junos device.

Navigate within the Junos J-Web interface.

Explain basic routing operations and concepts.

View and describe routing and forwarding tables.

Configure and monitor static routing.

Configure and monitor OSPF.

Describe the framework for routing policy and firewall filters.

Explain the evaluation of routing policy and firewall filters.

Identify instances where you might use routing policy.

Write and apply a routing policy.

Identify instances where you might use firewall filters.

Write and apply a firewall filter.

Describe the operation and configuration for unicast reverse path forwarding (RPF).

## Additional Course Details

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Nexus Humans Juniper - Introduction to the Junos Operating System (IJOS) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Juniper - Introduction to the Junos Operating System (IJOS) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Juniper - Introduction to the Junos Operating System (IJOS)?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 3-day Juniper - Introduction to the Junos Operating System (IJOS) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Juniper - Introduction to the Junos Operating System (IJOS) training?**

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Juniper - Introduction to the Junos Operating System (IJOS)?**

Yes, we provide corporate training, dedicated training, and closed classes for Juniper - Introduction to the Junos Operating System (IJOS). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for Juniper - Introduction to the Junos Operating System (IJOS)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Juniper - Introduction to the Junos Operating System (IJOS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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