

# IJSEC - Introduction to Juniper Security

**Category:** Security

**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 course is designed to provide students with the foundational knowledge required to work with SRX Series devices. This course will use the J-Web user interface to introduce students to the Junos operating system.

## About This Course

This course is designed to provide students with the foundational knowledge required to work with SRX Series devices. This course will use the J-Web user interface to introduce students to the Junos operating system.

## Who Should Attend

Operators of Juniper Networks security solutions, including network engineers, administrators, support personnel, and resellers.

# Learning Outcomes

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

Identify high-level security challenges in today's networks.

Identify products that are incorporated into the Juniper Connected Security solution.

Explain the value of implementing security solutions.

Explain how Juniper Connected Security solves the cyber security challenges of the future.

Explain the SRX Series devices and the added capabilities that next-generation firewalls provide.

Explain traffic flows through the SRX Series devices.

List the different security objects and how to create them.

Describe interface types and perform basic interface configuration tasks.

Describe the initial configuration for an SRX Series device.

Explain security zones.

Describe screens and their use.

Explain address objects.

Describe services and their use.

Describe the purpose for security policies on an SRX Series device.

Describe zone-based policies.

Describe global policies and their use.

Explain unified security policies.

Configure unified security policies with the J-Web user interface.

Describe IDP signatures.

Configure an IDP policy using predefined templates with the J-Web user interface.

Describe the use and configuration of the integrated user firewall feature.

Describe the UTM security services

List the available UTM services on the SRX Series device.

Configure UTM filtering on a security policy with the J-Web user interface.

Explain Sky ATP's use in security.

Describe how Sky ATP and SRX Series devices operate together in blocking threats.

Describe NAT and why it is used.

Explain source NAT and when to use it.

Explain destination NAT and when to use it.

Explain static NAT and its uses.

Describe the operation and configuration the different types of NAT.

Identify various types of VPNs.

Describe IPsec VPNs and their functionality.

Describe how IPsec VPNs are established.

Describe IPsec traffic processing.

Configure IPsec VPNs with the J-Web user interface.

Describe and configure proxy IDs and traffic selectors with the J-Web user interface.

Monitor IPsec VPNs with the J-Web user interface.

Describe the J-Web monitoring features.

Explain the J-Web reporting features.

Describe the Sky Enterprise service and how it can save resources.

Explain the functionality of Junos Space Security Director.

## Additional Course Details

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Nexus Humans IJSEC - Introduction to Juniper Security 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 IJSEC - Introduction to Juniper Security 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 IJSEC - Introduction to Juniper Security?**

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 IJSEC - Introduction to Juniper Security 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 IJSEC - Introduction to Juniper Security 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 IJSEC - Introduction to Juniper Security?**

Yes, we provide corporate training, dedicated training, and closed classes for IJSEC - Introduction to Juniper Security. 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 IJSEC - Introduction to Juniper Security?

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 **PENPAL5** when booking your IJSEC - Introduction to Juniper Security 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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