

# Juniper Networks Design Fundamentals (JNDF)

**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 is designed to cover best practices, theory, and design principles for overall network design and will serve as the prerequisite course for other design subject areas Æ' data center, security, and WAN.

## About This Course

This three-day course is designed to cover best practices, theory, and design principles for overall network design and will serve as the prerequisite course for other design subject areas Æ' data center, security, and WAN.

## Who Should Attend

This course is targeted for Juniper Networks system engineers, partner sales engineers (including Champions), and services partners who are interested in learning network design introductory concepts. However, the course is also applicable to a general audience of Juniper customers with a desire to learn more about network design.

# Learning Outcomes

---

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

Provide an overview of network design needs and common business requirements. Describe key product groups related to campus, WAN, data center, and security architectures. Analyze and interpret common RFP requirements. Scope a network design by gathering data and working with key stakeholders. Describe ways of processing customer data and design requests. Identify boundaries and scope for the design proposal. List some considerations when creating a design proposal. Provide an overview of network security design principles and common vulnerabilities. List high-level design considerations and best practices for securing the network. List the components of the campus network design. Describe best practices and design considerations for the campus. Describe architectural design options for the campus. List the components of the WAN. Describe best practices and design considerations for the WAN. Describe design options for the WAN. List the components of the data center design. Describe best practices and design considerations for the data center. Describe architectural design options for the data center. Define business continuity and its importance in a network design. Describe high availability design considerations and best practices. Provide an overview of high availability offerings and solutions. Describe Class of Service design considerations. Provide an overview of environmental considerations in network design. List design considerations and best practices for managing the network. Provide an overview of Juniper Networks and third party options for network management. List design considerations and best practices for network automation. Provide an overview of automation tools. Explain the foundational topics that have been taught throughout the course. Create a network design proposal that satisfies customer requirements and business needs. Provide an overview of the steps involved in migrating a network. Describe best practices used in network migration. List the various campus network topographies. Describe sample design options for the campus.

## Additional Course Details

---

Nexus Humans Juniper Networks Design Fundamentals (JNDF) 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 Networks Design Fundamentals (JNDF) 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

---

## **Q: What delivery options are available for Juniper Networks Design Fundamentals (JNDF)?**

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
- 

## **Q: How many CPD hours does this course provide?**

The 3-day Juniper Networks Design Fundamentals (JNDF) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

---

## **Q: What is the duration of the Juniper Networks Design Fundamentals (JNDF) training?**

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

---

## **Q: Do you provide corporate training for Juniper Networks Design Fundamentals (JNDF)?**

Yes, we provide corporate training, dedicated training, and closed classes for Juniper Networks Design Fundamentals (JNDF). 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.

---

## Q: Why choose Nexus Human for Juniper Networks Design Fundamentals (JNDF)?

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

---

## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Juniper Networks Design Fundamentals (JNDF) 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

 Email: [info@nexushuman.com](mailto:info@nexushuman.com)

 Website: [www.nexushuman.com](http://www.nexushuman.com)

 Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)