Juniper Networks Routing & Switching Bootcamp JNCIS-ENT

Category: Networking & Security | **Vendor:** Juniper

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Prerequisites & Entry Requirements

General Prerequisites:

Students should have basic networking knowledge and an understanding of the Open Systems Interconnection (OSI) reference model and the TCP/IP protocol suite. Students should also attend the Introduction to the Junos Operating System (IJOS) and Junos Routing Essentials (JRE) courses prior to attending this class.

Learning Outcomes

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

This course combines the two courses Junos Enterprise Switching (JEX) and Junos Intermediate Routing (JIR).

Please view the individual course outlines (JEX and JIR) for full course information including prerequisites and course content.

Junos Enterprise Switching is a two-day course designed to provide students with intermediate switching knowledge and configuration examples using Junos Enhanced Layer 2 Software.

This course includes an overview of switching concepts and operations, virtual LANs (VLANs), the Spanning Tree Protocol (STP), port and device security features, and high availability (HA) features.

Through demonstrations and hands-on labs, students will gain experience in configuring and monitoring the Junos OS and in monitoring device operations.

This course uses Juniper Networks EX4300 Series Ethernet Switches for the hands-on components, but the lab environment does not preclude the course from being applicable to other Juniper hardware platforms running the Junos OS.

Optional lab components are available allowing attendees to perform network management and troubleshooting tasks using Junos Space Network Director 3.0.

This course is based on Junos OS Release 17.1R1.8.

Junos Intermediate Routing is a two-day course which provides students with intermediate routing knowledge and configuration examples.

The course includes an overview of protocol-independent routing features, load balancing and filter-based forwarding, OSPF, BGP, IP tunneling, and high availability (HA) features.

Through demonstrations and hands-on labs, students will gain experience in configuring and monitoring the Junos OS and monitoring device operations.

This course uses Juniper Networks vSRX Series Services Gateways for the hands-on component, but the lab environment does not preclude the course from being applicable to other Juniper hardware platforms running the Junos OS.

This course is based on Junos OS Release 18.2R1.9

This course is an intermediate-level course.

Skills You Will Learn:

This course combines the two courses Junos Enterprise Switching (JEX) and Junos Intermediate Routing (JIR).

Please view the individual course outlines (JEX and JIR) for full course information including prerequisites and course content.

Junos Enterprise Switching is a two-day course designed to provide students with intermediate switching knowledge and configuration examples using Junos Enhanced Layer 2 Software.

This course includes an overview of switching concepts and operations, virtual LANs (VLANs), the Spanning Tree Protocol (STP), port and device security features, and high availability (HA) features.

Through demonstrations and hands-on labs, students will gain experience in configuring and monitoring the Junos OS and in monitoring device operations.

This course uses Juniper Networks EX4300 Series Ethernet Switches for the hands-on components, but the lab environment does not preclude the course from being applicable to other Juniper hardware platforms running the Junos OS.

Optional lab components are available allowing attendees to perform network management and troubleshooting tasks using Junos Space Network Director 3.0.

This course is based on Junos OS Release 17.1R1.8.

Junos Intermediate Routing is a two-day course which provides students with intermediate routing knowledge and configuration examples.

The course includes an overview of protocol-independent routing features, load balancing and filter-based forwarding, OSPF, BGP, IP tunneling, and high availability (HA) features.

Through demonstrations and hands-on labs, students will gain experience in configuring and monitoring the Junos OS and monitoring device operations.

This course uses Juniper Networks vSRX Series Services Gateways for the hands-on component, but the lab environment does not preclude the course from being applicable to other Juniper hardware platforms running the Junos OS.

This course is based on Junos OS Release 18.2R1.9

This course is an intermediate-level course.

Frequently Asked Questions

Q: What delivery options are available for Juniper Networks Routing & Switching Bootcamp JNCIS-ENT?

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 5-day Juniper Networks Routing & Switching Bootcamp JNCIS-ENT course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Juniper Networks Routing & Switching Bootcamp JNCIS-ENT training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Juniper Networks Routing & Switching Bootcamp JNCIS-ENT?

Yes, we provide corporate training, dedicated training, and closed classes for Juniper Networks Routing & Switching Bootcamp JNCIS-ENT. 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: What related terms do people search for?

Popular related searches include: Juniper Networks Routing & Switching Bootcamp JNCIS-ENT, Enterprise Routing & Switching, JIR-JEX

Q: Why choose Nexus Human for Juniper Networks Routing & Switching Bootcamp JNCIS-ENT?

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 Routing & Switching Bootcamp JNCIS-ENT 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

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 19/10/2026.