

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Course-specific thinQtank[®] Learning publications to make the learning fun and engaging
- Hands-on labs on live Junos routers and switches
- **We do not teach the test.** We always deliver valuable hands-on experience
- All reading material and study guides sent to you when you register
- Every course taught by Juniper-certified engineers
- Six months mentoring access to our engineers after the course

TRAINING CAMP FORMAT

thinQtank[®] Learning delivers this course as a **four-day instructor-led training camp**, Monday to Thursday. About 60% lecture and 40% hands-on labs. Contact us for the schedule covering your dates.

PREREQUISITES

- No certification is required
- Recommended: Networking Technology Foundations (free Juniper e-learning video series, ~9 hrs) before IJOS; basic IPv4/IPv6, Ethernet, TCP/UDP, OSI knowledge

TARGET AUDIENCE

- Junior network administrator
- Network operations center (NOC) technician
- Network support engineer
- IT student or career changer entering networking

CERTIFICATION

This course prepares you for the JNCIA-Junos (JN0-106) exam.

Exam	JN0-106, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$200, set by Juniper
Prerequisite	None

COURSE OVERVIEW

thinQtank[®] Learning is offering a unique four-day training camp comprised of four days of instructor-led learning that gives students the knowledge and skills needed to configure, monitor and troubleshoot Juniper solutions across the JNCIA-Junos exam objectives: Networking Fundamentals, Junos OS Fundamentals, User Interfaces, Configuration Basics, Operational Monitoring and Maintenance, Routing Fundamentals and Routing Policy and Firewall Filters.

The camp follows the official JNCIA-Junos (JN0-106) exam objectives and the Juniper course outlines behind it (Introduction to the Junos Operating System (IJOS) 4 days; Networking Technology Foundations (e-learning, ~9 hrs, not instructor-led)), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIA-Junos (JN0-106) exam**.

WHAT YOU WILL BE ABLE TO DO

- Explain core networking concepts: Ethernet, IPv4/IPv6 addressing, subnetting and longest-match routing
- Describe Junos OS architecture, including the control plane, forwarding plane, Routing Engine and PFE
- Navigate the Junos CLI and manage active vs. candidate configurations, commits and rollbacks
- Perform initial device configuration: user accounts, login classes, interfaces, NTP, SNMP and syslog
- Monitor and maintain devices with show/monitor commands, network tools, upgrades and root password recovery
- Configure static routing and describe routing tables, route preference and routing instances
- Build routing policies and stateless firewall filters, including unicast RPF

EXCLUSIVE LEARNING PACKAGE

- JNCIA-Junos reading plan and review guide
- JNCIA-Junos practice exams
- Lab guide you keep after the course
- Course video recordings for review

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

JUNIPER CERTIFICATION TRACKS

Enterprise

JNCIA-Junos · JNCIS/P/E-ENT

Campus and branch

Service Provider

JNCIS/P/E-SP

Carrier and backbone

Security

JNCIA/S/P/E-SEC

SRX and threat defense

Data Center

JNCIA/S/P/E-DC

Fabrics, EVPN, Apstra

Mist AI

JNCIA · JNCIS Wireless/Wired · JNCIP

AI-driven networking

DevOps, Cloud & Design

JNCIA/S-DevOps · Cloud · Design

Automation and architecture

COURSE MODULES

01 Introducing Junos OS and Juniper Hardware**03** IPv6 Addressing Refresher**05** Reading and Configuring Junos OS**07** Static Routes and OSPF Basics**09** Device Administration and Initial Setup**11** Logging, Troubleshooting and Monitoring**13** APIs, Automation and Next Steps**02** SSH, the CLI and Operational Mode**04** Network Interfaces and Logical Units**06** Routing Tables, Route Preference and Longest Match**08** Junos OS Switches: VLANs, Access and Trunk Ports**10** Junos OS Architecture: Control and Data Planes**12** Firewall Filters and Routing Policy**14** Exam Review

EXAM OBJECTIVES

01 Networking Fundamentals**03** User Interfaces**05** Operational Monitoring and Maintenance**07** Routing Policy and Firewall Filters**02** Junos OS Fundamentals**04** Configuration Basics**06** Routing Fundamentals

TERMS

© 2026 thinQtank® Global, Inc. All rights reserved. The product or information materials are protected by U.S. and intellectual property laws. thinQtank Global, thinQtank Learning and the thinQtank logo are registered trademarks of thinQtank Global, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies. Juniper, Junos, Juniper Mist and Apstra are trademarks of Juniper Networks, Inc., a Hewlett Packard Enterprise company. thinQtank Global, Inc. warrants that it will perform these training services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY THINQTANK GLOBAL, INC., OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. THINQTANK GLOBAL, INC. WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this training are copyrighted by thinQtank Global, Inc. ("Learning Materials"). thinQtank Global, Inc. grants the customer of this learning a license to use Learning Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of the technology covered herein. Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this training.