

Service Provider Routing and Switching, Specialist

JNCIS-SP · JN0-364

thingtanklearning.com

Networking · education services datasheet

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 **five-day instructor-led training camp**, Monday to Friday. About 50% lecture and 50% hands-on labs. Contact us for the schedule covering your dates.

PREREQUISITES

- Active JNCIA-Junos (required by Juniper)
- Recommended: JIR, JSPX and JMF courses

TARGET AUDIENCE

- Service provider network engineer
- Carrier/ISP network operations engineer
- Core/backbone network administrator
- Telecom implementation engineer

CERTIFICATION

This course prepares you for the JNCIS-SP (JN0-364) exam.

Exam	JN0-364, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$300, set by Juniper
Prerequisite	Active JNCIA-Junos

COURSE OVERVIEW

thinQtank® Learning is offering a unique five-day training camp comprised of five days of instructor-led learning that gives students the knowledge and skills needed to configure, monitor and troubleshoot Juniper solutions across the JNCIS-SP exam objectives: Protocol-Independent Routing, Open Shortest Path First (OSPF), Intermediate System to Intermediate System (IS-IS), Border Gateway Protocol (BGP), Layer 2 Bridging or VLANs, Spanning-Tree Protocols, Multiprotocol Label Switching (MPLS), IPv6, Tunnels and High Availability.

The camp follows the official JNCIS-SP (JN0-364) exam objectives and the Juniper course outlines behind it (Junos Intermediate Routing (JIR) 3 days; Junos Service Provider Switching (JSPX) 2 days; Junos MPLS Fundamentals (JMF) 3 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIS-SP (JN0-364) exam**.

WHAT YOU WILL BE ABLE TO DO

- Configure static, aggregate and generated routes, routing instances, load balancing and filter-based forwarding
- Deploy and troubleshoot OSPF and IS-IS with routing policy
- Configure IBGP/EBGP groups, peers and policy
- Implement SP bridging: virtual switches, IRB and provider bridging (Q-in-Q)
- Deploy STP, RSTP, MSTP and VSTP with spanning-tree protection
- Configure MPLS forwarding with RSVP, LDP and segment-routing LSPs
- Configure IPv6 routing (OSPFv3, IS-IS, BGP) and GRE tunnels
- Implement LAG, GR, GRES, NSR, NSB, BFD and VRRP

EXCLUSIVE LEARNING PACKAGE

- JNCIS-SP reading plan and review guide
- JNCIS-SP 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

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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 Protocol-Independent Routing

03 OSPF

05 BGP

07 Virtual Switches and Provider Bridging

09 MPLS Fundamentals and Static LSPs

11 Segment Routing

13 High Availability

02 Routing Instances and Load Balancing

04 IS-IS

06 SP Ethernet Switching, VLANs and IRB

08 Spanning-Tree Protocols

10 RSVP and LDP Signaling

12 IPv6 and Tunnels

14 Exam Review

EXAM OBJECTIVES

01 Protocol-Independent Routing

03 Intermediate System to Intermediate System (IS-IS)

05 Layer 2 Bridging or VLANs

07 Multiprotocol Label Switching (MPLS)

09 Tunnels

02 Open Shortest Path First (OSPF)

04 Border Gateway Protocol (BGP)

06 Spanning-Tree Protocols

08 IPv6

10 High Availability

TERMS

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