

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 JNCIS-ENT (required by Juniper)
- Recommended: AJER and AJEX courses

TARGET AUDIENCE

- Senior enterprise network engineer
- Network architect (campus/enterprise)
- Escalation / Tier 3 support engineer
- Network consultant

CERTIFICATION

This course prepares you for the JNCIP-ENT (JN0-650) exam.

Exam	JN0-650, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$400, set by Juniper
Prerequisite	Active JNCIS-ENT

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 JNCIP-ENT exam objectives: Interior Gateway Protocols (IGPs), BGP, IP Multicast, Ethernet Switching and Spanning Tree, Layer 2 Authentication and Access Control, IP Telephony Features, Class of Service (CoS) and EVPN.

The camp follows the official JNCIP-ENT (JN0-650) exam objectives and the Juniper course outlines behind it (Advanced Junos Enterprise Routing (AJER) 5 days; Advanced Junos Enterprise Switching (AJEX) 2 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIP-ENT (JN0-650) exam**.

WHAT YOU WILL BE ABLE TO DO

- Design and troubleshoot advanced OSPFv2/OSPFv3 deployments including area types and routing policy
- Engineer BGP with attributes, communities, route reflection, multipath and policy
- Deploy IP multicast with IGMP, IGMP snooping, PIM-SM, SSM, RPs, anycast RP and MSDP
- Implement advanced switching: filter-based and private VLANs, MVRP, Q-in-Q, L2PT, MSTP and VSTP
- Secure access with 802.1X, MAC RADIUS, captive portal, server-fail fallback and guest VLANs
- Support IP telephony with PoE, LLDP/LLDP-MED and voice VLANs
- Configure Junos CoS: classification, policers, schedulers, drop profiles, shaping and rewrite rules
- Explain and configure EVPN-VXLAN route types and multihoming in the enterprise

EXCLUSIVE LEARNING PACKAGE

- JNCIP-ENT reading plan and review guide
- JNCIP-ENT 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 Advanced OSPF Operation and Areas**03** BGP Operations and Attributes**05** Enterprise Routing Policy and Troubleshooting**07** Advanced Ethernet Switching and VLAN Traffic Management**09** Authentication and Access Control**11** Class of Service**13** Exam Review**02** OSPF Troubleshooting**04** BGP Communities and Route Reflection**06** IP Multicast: IGMP and PIM**08** MSTP and VSTP**10** IP Telephony: PoE, LLDP and Voice VLAN**12** EVPN-VXLAN Enterprise Architectures

EXAM OBJECTIVES

01 Interior Gateway Protocols (IGPs)**03** IP Multicast**05** Layer 2 Authentication and Access Control**07** Class of Service (CoS)**02** BGP**04** Ethernet Switching and Spanning Tree**06** IP Telephony Features**08** EVPN

TERMS

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