

thinqtanklearning.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: IJOS-level Junos skills; JIR and JEX courses

## TARGET AUDIENCE

- Enterprise network engineer
- Network administrator (campus/branch)
- Network support/operations engineer
- Systems integrator or implementation engineer

## CERTIFICATION

This course prepares you for the JNCIS-ENT (JN0-352) exam.

|                     |                                               |
|---------------------|-----------------------------------------------|
| <b>Exam</b>         | JN0-352, 65 questions, 90 minutes             |
| <b>Delivery</b>     | Pearson VUE, scheduled through HPE Networking |
| <b>Exam fee</b>     | \$300, set by Juniper                         |
| <b>Prerequisite</b> | 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-ENT exam objectives: Layer 2 Switching or VLANs, Spanning Tree, Layer 2 Security, Protocol Independent Routing, OSPF, IS-IS, BGP, Tunnels and High Availability.

The camp follows the official JNCIS-ENT (JN0-352) exam objectives and the Juniper course outlines behind it (Junos Intermediate Routing (JIR) 3 days; Junos Enterprise Switching (JEX) 2 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIS-ENT (JN0-352) exam**.

## WHAT YOU WILL BE ABLE TO DO

- Configure, monitor and troubleshoot VLANs, trunking and inter-VLAN routing on EX Series switches
- Deploy STP/RSTP and spanning-tree protection features (BPDU, loop and root protection)
- Secure the access layer with MAC limiting, DHCP snooping, DAI, IP source guard, MACsec, storm control and Layer 2 filters
- Implement static, aggregate and generated routes, routing instances, load balancing and filter-based forwarding
- Configure and troubleshoot OSPF and IS-IS adjacencies, areas/levels and routing policy
- Configure EBGP/IBGP peering, attributes and BGP routing policy
- Build GRE and IP-IP tunnels
- Implement high availability: LAG, RTG, Virtual Chassis, GRES/NSR/NSB, BFD, VRRP and ISSU

## EXCLUSIVE LEARNING PACKAGE

- JNCIS-ENT reading plan and review guide
- JNCIS-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

- |                                                            |                                                                        |
|------------------------------------------------------------|------------------------------------------------------------------------|
| <b>01</b> Layer 2 Switching and Design                     | <b>02</b> VLANs and Inter-VLAN Routing                                 |
| <b>03</b> Spanning Tree (STP/RSTP) and Protection Features | <b>04</b> Layer 2 Security and Port Security                           |
| <b>05</b> Firewall Filters and Device Security             | <b>06</b> Protocol-Independent Routing                                 |
| <b>07</b> Routing Instances and Load Balancing             | <b>08</b> OSPF                                                         |
| <b>09</b> IS-IS                                            | <b>10</b> BGP                                                          |
| <b>11</b> IP Tunneling (GRE, IP-IP)                        | <b>12</b> High Availability: LAG, Virtual Chassis, GRES/NSR, BFD, VRRP |
| <b>13</b> Exam Review                                      |                                                                        |

## EXAM OBJECTIVES

- |                                      |                                        |
|--------------------------------------|----------------------------------------|
| <b>01</b> Layer 2 Switching or VLANs | <b>02</b> Spanning Tree                |
| <b>03</b> Layer 2 Security           | <b>04</b> Protocol Independent Routing |
| <b>05</b> OSPF                       | <b>06</b> IS-IS                        |
| <b>07</b> BGP                        | <b>08</b> Tunnels                      |
| <b>09</b> High Availability          |                                        |

## TERMS

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