

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Course-specific thinQtank® Learning publications to make the learning fun and engaging
- Full-scale practice labs and timed mock lab exams on live Junos equipment
- **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 JNCIE-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 25% lecture and 75% hands-on lab practice, including timed mock labs. Contact us for the schedule covering your dates.

PREREQUISITES

- Active JNCIP-DC (required by Juniper)
- Recommended: JNCIE-DC Certification Self-Study Bundle and all courses for the underlying certifications

TARGET AUDIENCE

- Principal data center network engineer
- Data center architect
- Senior DC automation/Apstra engineer
- Expert-level escalation engineer

CERTIFICATION

This course prepares you for the JNCIE-DC (JPR-981) lab exam.

Exam	JPR-981 hands-on lab, six hours
Delivery	Juniper, remote-proctored lab sessions
Exam fee	\$1,600, set by Juniper
Prerequisite	Active JNCIP-DC

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, verify and troubleshoot complex Juniper networks hands-on and under time pressure, covering the JNCIE-DC lab objectives: Layer 3 Underlay, Overlay, Data Center Interconnect (DCI), Security, Class of Service (CoS) and Management.

This is an expert-level lab bootcamp built around the JNCIE-DC (JPR-981) lab objectives, with full-scale practice labs and timed mock lab exams throughout.

This course prepares you for **the JNCIE-DC (JPR-981) lab exam**.

WHAT YOU WILL BE ABLE TO DO

- Build and troubleshoot IP fabric underlays, with and without Apstra
- Deploy EBGp/IBGP-signaled EVPN-VXLAN overlays with multihoming and multiple L2/L3 tenants
- Configure DCI between Apstra-managed and controllerless DCs, including VXLAN stitching
- Protect infrastructure and edge devices and monitor excessive traffic
- Configure CoS for server traffic on leaf nodes
- Use Apstra tags, probes and configlets, BFD, NTP, syslog, telemetry and SNMP

EXCLUSIVE LEARNING PACKAGE

- JNCIE-DC lab objective map and study plan
- Timed mock lab exams with scoring review
- Lab workbook you keep after the bootcamp
- Bootcamp 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 JNCIE Lab Format and Strategy**03** Underlay with Apstra (Tags and Restrictions)**05** Multihoming and Tenant Design**07** DCI with Type 2/Type 5 Routes**09** Fabric Security**11** Apstra Probes, Anomalies and Configlets**13** Full-Scale Practice Lab**02** IP Fabric Underlay Build**04** EVPN-VXLAN Overlay**06** Inter-Tenant Routing and Multicast**08** Seamless VXLAN Stitching**10** Class of Service on Leaf Nodes**12** Management: BFD, NTP, Syslog, Telemetry, SNMP

LAB OBJECTIVES

01 Layer 3 Underlay**03** Data Center Interconnect (DCI)**05** Class of Service (CoS)**02** Overlay**04** Security**06** Management

TERMS

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