

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 Junos data center fabrics and Apstra
- **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-DC or JNCIS-ENT (required by Juniper)
- Recommended: ADCX course; AJER-level routing and JEX-level switching knowledge

TARGET AUDIENCE

- Data center implementation engineer
- Data center design engineer
- Senior network engineer (DC fabrics)
- Cloud/hosting infrastructure engineer

CERTIFICATION

This course prepares you for the JNCIP-DC (JN0-683) exam.

Exam	JN0-683, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$400, set by Juniper
Prerequisite	Active JNCIS-DC or 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-DC exam objectives: Data Center Deployment and Management, Layer 3 Fabrics, VXLAN, EVPN-VXLAN Signaling, Data Center Interconnect (DCI) and Data Center Multitenancy and Security.

The camp follows the official JNCIP-DC (JN0-683) exam objectives and the Juniper course outline behind it (Implementing Data Center Fabric with EVPN and VXLAN (ADCX) 5 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIP-DC (JN0-683) exam**.

WHAT YOU WILL BE ABLE TO DO

- Deploy fabrics with ZTP and DHCP, and monitor with telemetry
- Design and troubleshoot IP fabric underlays, including scaling and CoS for RDMA/RoCE
- Configure VXLAN control and data planes
- Implement EVPN-VXLAN with CRB and ERB, MAC learning and symmetric routing
- Build DCI with Layer 2/Layer 3 stretch and VXLAN stitching
- Isolate tenants and apply filter-based forwarding and group-based policy

EXCLUSIVE LEARNING PACKAGE

- JNCIP-DC reading plan and review guide
- JNCIP-DC 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 Modern Data Center Architectures**03** VXLAN and VXLAN Gateways**05** Configuring EVPN-VXLAN**07** Centrally Routed vs. Edge-Routed Bridging**09** Data Center Interconnect**11** Multitenancy, FBF and Group-Based Policy**13** ZTP, Telemetry and Troubleshooting**02** IP Fabric Underlay Routing and Scaling**04** EVPN Protocol and Route Types**06** Collapsed Spine and Superspine**08** MAC-VRF and Symmetric Routing**10** Seamless EVPN-VXLAN Stitching**12** EVPN Multicast**14** Exam Review

EXAM OBJECTIVES

01 Data Center Deployment and Management**03** VXLAN**05** Data Center Interconnect (DCI)**02** Layer 3 Fabrics**04** EVPN-VXLAN Signaling**06** Data Center Multitenancy and Security

TERMS

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