

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 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 **three-day instructor-led training camp**, Monday to Wednesday. About 60% lecture and 40% hands-on labs. Contact us for the schedule covering your dates.

PREREQUISITES

- No certification is required
- Recommended: IJDC course; IJOS or equivalent Junos experience

TARGET AUDIENCE

- Data center network technician
- Junior data center network engineer
- Network administrator
- Server/infrastructure engineer supporting DC networks

CERTIFICATION

This course prepares you for the JNCIA-DC (JN0-281) exam.

Exam	JN0-281, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$200, set by Juniper
Prerequisite	None

COURSE OVERVIEW

thinQtank® Learning is offering a unique three-day training camp comprised of three days of instructor-led learning that gives students the knowledge and skills needed to configure, monitor and troubleshoot Juniper solutions across the JNCIA-DC exam objectives: Data Center Architectures, Layer 2 Switching and VLANs, Protocol-Independent Routing, Data Center Routing Protocols (BGP/OSPF) and High Availability.

The camp follows the official JNCIA-DC (JN0-281) exam objectives and the Juniper course outline behind it (Introduction to Juniper Data Center Networking (IJDC) 3 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIA-DC (JN0-281) exam**.

WHAT YOU WILL BE ABLE TO DO

- Compare multitier and IP fabric (spine-leaf) data center designs, underlay vs. overlay, and EVPN-VXLAN basics
- Configure, monitor and troubleshoot Ethernet switching, VLANs and IRB
- Implement static, aggregate and generated routes, routing instances, load balancing and filter-based forwarding
- Configure OSPF and BGP for data center routing
- Deploy LAG, graceful restart, BFD and Virtual Chassis
- Monitor and troubleshoot Layer 2 and Layer 3 data center operation from the Junos CLI

EXCLUSIVE LEARNING PACKAGE

- JNCIA-DC reading plan and review guide
- JNCIA-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 Traditional vs. Modern Data Centers**03** Configuring Ethernet Switching**05** High Availability and Virtual Chassis**07** Routing Instances**09** Load Balancing**11** BGP Fundamentals and Deployment**13** Exam Review**02** Ethernet Switching Overview**04** Virtual Networks (VLANs and IRB)**06** Protocol-Independent Routing**08** Filter-Based Forwarding**10** OSPF Fundamentals**12** Graceful Restart and BFD

EXAM OBJECTIVES

01 Data Center Architectures**03** Protocol-Independent Routing**05** High Availability**02** Layer 2 Switching and VLANs**04** Data Center Routing Protocols (BGP/OSPF)

TERMS

© 2026 thinQtank® Global, Inc. All rights reserved. The product or information materials are protected by U.S. and intellectual property laws. thinQtank Global, thinQtank Learning and the thinQtank logo are registered trademarks of thinQtank Global, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies. Juniper, Junos, Juniper Mist and Apstra are trademarks of Juniper Networks, Inc., a Hewlett Packard Enterprise company. thinQtank Global, Inc. warrants that it will perform these training services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY THINQTANK GLOBAL, INC., OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. THINQTANK GLOBAL, INC. WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this training are copyrighted by thinQtank Global, Inc. ("Learning Materials"). thinQtank Global, Inc. grants the customer of this learning a license to use Learning Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of the technology covered herein. Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this training.