

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 **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-DC (required by Juniper)
- Recommended: APSTRA course (after IJDC)

TARGET AUDIENCE

- Data center network engineer
- Data center automation engineer
- Network operator (Apstra)
- DevOps/IT professional managing DC fabrics

CERTIFICATION

This course prepares you for the JNCIS-DC (JN0-481) exam.

Exam	JN0-481, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$300, set by Juniper
Prerequisite	Active JNCIA-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, monitor and troubleshoot Juniper solutions across the JNCIS-DC exam objectives: Data Center Architectures (IP Fabrics, EVPN-VXLAN), Juniper Apstra Architecture, Apstra Design Phase, Apstra Build and Deploy Phases, Blueprint Operations, Data Center Multitenancy and Intent-Based Analytics.

The camp follows the official JNCIS-DC (JN0-481) exam objectives and the Juniper course outline behind it (Data Center Automation using Juniper Apstra (APSTRA) 5 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIS-DC (JN0-481) exam**.

WHAT YOU WILL BE ABLE TO DO

- Explain IP fabric, EVPN and VXLAN concepts including ERB with Type 2/Type 5 routes
- Describe Apstra server, agents, RBAC and logging
- Design fabrics with logical devices, interface maps, device profiles, rack types and templates
- Build and deploy blueprints and manage device lifecycle
- Operate blueprints: anomalies, time voyager, property sets, configlets and root cause identification
- Implement multitenancy with routing zones, virtual networks and connectivity templates
- Use graph queries and intent-based analytics probes

EXCLUSIVE LEARNING PACKAGE

- JNCIS-DC reading plan and review guide
- JNCIS-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 Intent-Based Networking and Apstra Overview**03** Logical Devices, Device Profiles and Interface Maps**05** IP Fabric, VXLAN and EVPN**07** Racks and Templates**09** Blueprint Operations, RBAC, Property Sets and Configlets**11** Post-Deployment Changes**13** Security Policies and DCI**02** Apstra UI Walkthrough**04** Device Management**06** Reference Designs, Resources and Tags**08** Building and Deploying a Blueprint**10** Connectivity Templates and Virtual Networks**12** Graph Explorer and Intent-Based Analytics**14** Exam Review

EXAM OBJECTIVES

01 Data Center Architectures (IP Fabrics, EVPN-VXLAN)**03** Apstra Design Phase**05** Blueprint Operations**07** Intent-Based Analytics**02** Juniper Apstra Architecture**04** Apstra Build and Deploy Phases**06** Data Center Multitenancy

TERMS

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