

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 with Junos automation, Python and cloud tooling
- **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-DevOps (required by Juniper)
- Recommended: JAUT course (after IJAUT)

TARGET AUDIENCE

- Network automation engineer
- NetDevOps engineer
- Site reliability engineer (network)
- Senior network engineer

CERTIFICATION

This course prepares you for the JNCIS-DevOps (JN0-423) exam.

Exam	JN0-423, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$300, set by Juniper
Prerequisite	Active JNCIA-DevOps

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-DevOps exam objectives: Platform Automation Overview, gRPC, Ansible, Junos Automation Scripts and YANG.

The camp follows the official JNCIS-DevOps (JN0-423) exam objectives and the Juniper course outline behind it (Juniper Platform Automation and NetDevOps (JAUT) 5 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIS-DevOps (JN0-423) exam**.

WHAT YOU WILL BE ABLE TO DO

- Compare MGD-based and JSD-based (JET) automation and use Terraform
- Stream telemetry with gRPC/gNMI, Protocol Buffers, OpenConfig and the TIG stack
- Automate Junos with Ansible playbooks, Vault, Jinja2 and JSNAPy
- Write commit, op, event and SNMP scripts
- Work with YANG syntax, OpenConfig and custom YANG modules
- Package and run automation tooling in Docker containers

EXCLUSIVE LEARNING PACKAGE

- JNCIS-DevOps reading plan and review guide
- JNCIS-DevOps 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 Junos Automation Fundamentals**03** Jinja2 Templates**05** Ansible for Junos**07** Event Policies and Event Scripts**09** YANG and OpenConfig**11** Terraform**13** Exam Review**02** Docker for NetDevOps**04** JSNAPy**06** Python Op and Commit Scripts**08** SLAX Scripting**10** Custom YANG Modules**12** Protocol Buffers, gRPC and gNMI Telemetry

EXAM OBJECTIVES

01 Platform Automation Overview**03** Ansible**05** YANG**02** gRPC**04** Junos Automation Scripts

TERMS

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