

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 **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: IJAUT course; basic programming knowledge

TARGET AUDIENCE

- Network engineer learning automation
- Junior network automation engineer
- DevOps engineer supporting network infrastructure
- Network operations engineer

CERTIFICATION

This course prepares you for the JNCIA-DevOps (JN0-224) exam.

Exam	JN0-224, 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-DevOps exam objectives: Junos Automation Stack and DevOps Concepts, NETCONF/XML API, Data Serialization, Python/PyEZ and REST API.

The camp follows the official JNCIA-DevOps (JN0-224) exam objectives and the Juniper course outline behind it (Introduction to Juniper Platform Automation and NetDevOps (IJAUT) 3 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIA-DevOps (JN0-224) exam**.

WHAT YOU WILL BE ABLE TO DO

- Explain Junos automation tools, frameworks, APIs and DevOps practices
- Use XML, XPath, NETCONF and the Junos XML API
- Read and write YAML and JSON
- Write Python with PyEZ to query and configure Junos, including JSNAPy and Jinja2
- Handle PyEZ exceptions and device state
- Use the Junos REST API, REST API Explorer and cURL

EXCLUSIVE LEARNING PACKAGE

- JNCIA-DevOps reading plan and review guide
- JNCIA-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 Introduction to NetDevOps**03** XML and XPath**05** Python Fundamentals**07** Python Modules, Packages and Libraries**09** Configuring Junos with PyEZ**11** Junos REST API**13** Exam Review**02** Junos Automation Stack**04** XML and NETCONF**06** Python Flow Control and Operations**08** Querying Junos with PyEZ**10** Data Serialization: JSON and YAML**12** Automating Management Platforms with REST

EXAM OBJECTIVES

01 Junos Automation Stack and DevOps Concepts**03** Data Serialization**05** REST API**02** NETCONF/XML API**04** Python/PyEZ

TERMS

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