

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 in the Juniper Mist cloud and Marvis
- **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 **four-day instructor-led training camp**, Monday to Thursday. About 50% lecture and 50% hands-on labs. Contact us for the schedule covering your dates.

PREREQUISITES

- Active JNCIA-MistAI (required by Juniper)
- Recommended: JWMA course (after IJMA)

TARGET AUDIENCE

- Wireless network engineer
- WLAN administrator
- Wireless deployment/survey engineer
- Network support engineer (wireless)

CERTIFICATION

This course prepares you for the JNCIS-MistAI-Wireless (JN0-452) exam.

Exam	JN0-452, 65 questions, 90 minutes
Delivery	Pearson VUE, scheduled through HPE Networking
Exam fee	\$300, set by Juniper
Prerequisite	Active JNCIA-MistAI

COURSE OVERVIEW

thinQtank® Learning is offering a unique four-day training camp comprised of four days of instructor-led learning that gives students the knowledge and skills needed to configure, monitor and troubleshoot Juniper solutions across the JNCIS-MistAI-Wireless exam objectives: Wi-Fi Fundamentals, Juniper Mist WLAN Architecture and Deployment, Juniper Mist WLAN Concepts, Juniper Mist Network Operations, Marvis Virtual Network Assistant and Juniper Mist Location-based Services (LBS).

The camp follows the official JNCIS-MistAI-Wireless (JN0-452) exam objectives and the Juniper course outline behind it (Deploying and Managing Juniper Wireless Networks with Mist AI (JWMA) 4 days), with hands-on labs on Junos throughout.

This course prepares you for **the JNCIS-MistAI-Wireless (JN0-452) exam**.

WHAT YOU WILL BE ABLE TO DO

- Explain 802.11 PHY, RF bands, modulation, contention, association and roaming
- Deploy Mist access points, Mist Edge and PoE-powered wired AP connectivity
- Configure WLANs, multiple PSK, guest portals, WxLAN policies and wireless IDS/IPS
- Operate with SLEs, events, insights, alerts and RRM
- Troubleshoot with Marvis queries, actions and Marvis Minis
- Implement Wi-Fi location, vBLE, user engagement and asset visibility

EXCLUSIVE LEARNING PACKAGE

- JNCIS-MistAI-Wireless reading plan and review guide
- JNCIS-MistAI-Wireless 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 Wi-Fi Standards and RF Bands | 02 RF Basics, Modulation and Coding |
| 03 Association, Roaming and Contention | 04 WLAN Architectures and Life Cycle |
| 05 Getting Started with Juniper Mist | 06 Configuration Objects and Access Points |
| 07 Juniper Mist Edge | 08 WLANs and Guest Portals |
| 09 WxLAN Policies and Wireless Security | 10 SLEs, Events and Insights |
| 11 Radio Resource Management and Dashboards | 12 Marvis Queries and Actions |
| 13 Location-Based Services and Asset Visibility | 14 Exam Review |

EXAM OBJECTIVES

- | | |
|--|---|
| 01 Wi-Fi Fundamentals | 02 Juniper Mist WLAN Architecture and Deployment |
| 03 Juniper Mist WLAN Concepts | 04 Juniper Mist Network Operations |
| 05 Marvis Virtual Network Assistant | 06 Juniper Mist Location-based Services (LBS) |

TERMS

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