Deploying and Managing Juniper Wireless Networks with Mist AI (DMJWN)

ID DMJWN **Price** US $ 4,000.—(excl. VAT) **Duration** 4 days

Who should attend

Individuals working with enterprise wireless networks and applying artificial intelligence to their activities

This course is part of the following Certifications

Juniper Networks Certified Internet Specialist Mist AI Wireless (JNCIS-MISTAI-WIRELESS)

Prerequisites

- Basic TCP/IP skills
- General networking
- Completion of the Introduction to Juniper Mist AI (IJMA) course or equivalent knowledge

Course Objectives

After successfully completing this course, you should be able to:

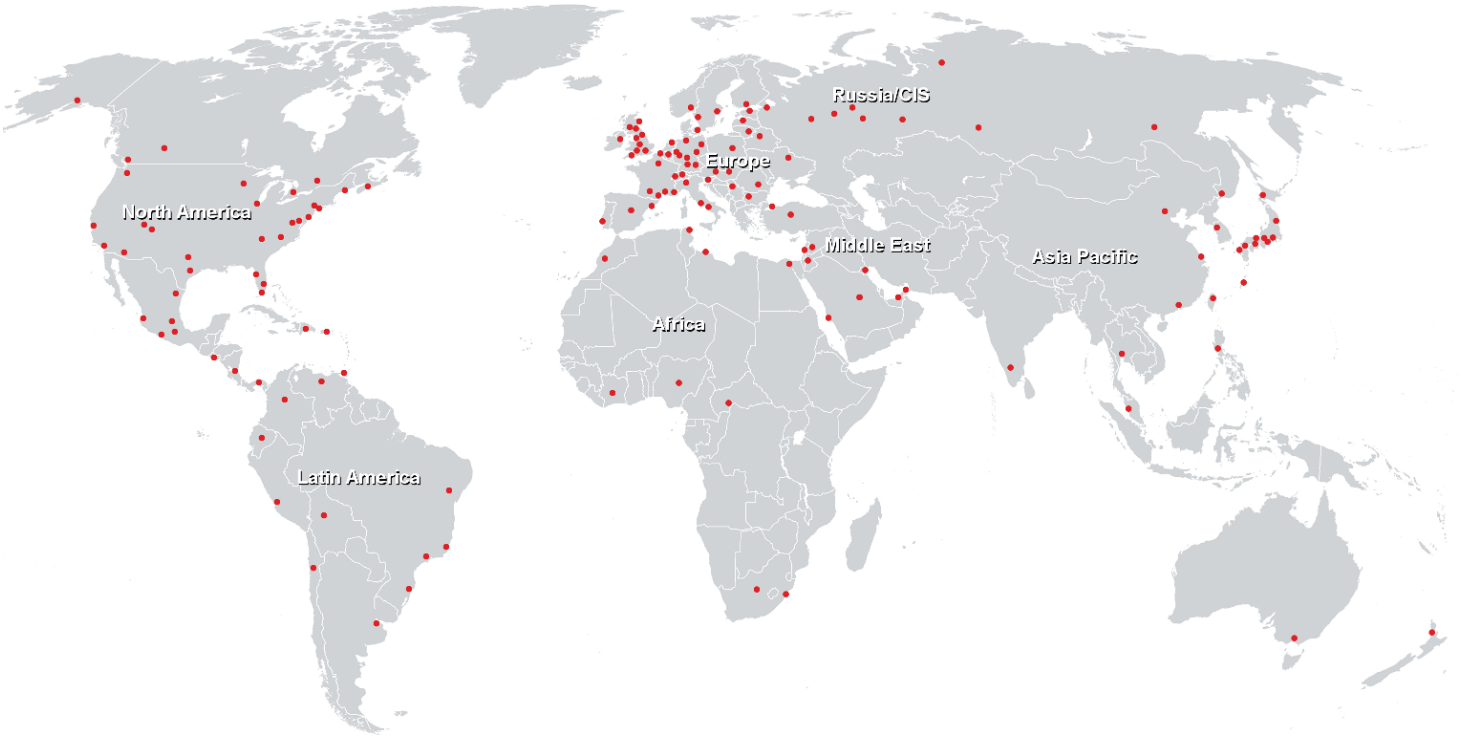
- Describe the IEEE 802.11 standard and amendments.
- Describe wireless frequency bands.
- Apply radio frequency (RF) basics in wireless networks.
- Identify how modulation and coding make up wireless networks.
- Describe the interworkings of association and roaming.
- Describe network contention factors.
- Define WLANs.
- Define Juniper Mist.
- Describe Juniper Mist configuration objects for wireless networks.
- Describe Juniper Access Points and their configuration options.
- Describe Juniper Mist's WLAN configuration objects.
- Describe Juniper Mist™ Edge.
- Describe the Juniper Mist guest options.
- Describe WxLAN policies and how apply them to resources.
- Examine wireless intrusion detection and prevention from Juniper Mist.
- Describe WLAN security threats detected by the Juniper Mist WLAN system.
- Interpret wireless service-level expectations (SLEs) in relation to users.
- Gather events and insights from the Mist™ cloud.
- Summarize Juniper Mist's radio resource management (RRM).
- Review additional data to create dashboard and reports.
- Evaluate machine learning and artificial intelligence.
- Summarize Marvis queries.
- Extend Mist's Marvis actions.
- Describe the functions of Marvis Actions and Marvis Minis.
- Compare the concepts and methods of location services.
- Explain Juniper Mist's approach to user engagement and asset visibility.

Course Content

- Wi-Fi Standards
- Wi-Fi Radio Frequency Bands
- Applying Radio Frequency Basics to Wi-Fi
- Modulation and Coding for Wireless Networks
- Understanding Client Association and Roaming
- Network Contention Factors
- Wi-Fi Architectures and Life Cycle
- Getting Started with Juniper Mist
- Juniper Mist Configuration Objects
- Juniper Access Points
- WLANs
- Juniper Mist Edge
- Guest Portals
- Juniper Mist WxLAN Policies
- Juniper Mist Wi-Fi Security
- Juniper Mist Service-Level Expectations
- Juniper Mist Events and Insights
- Juniper Mist Radio Resource Management
- Juniper Mist Dashboard and Reports
- Juniper Mist Artificial Intelligence and Troubleshooting Options
- Marvis Queries
- Marvis Actions
- Location-Based Services
- User Engagement and Asset Visibility

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Training Centres worldwide





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