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

ID DMJWN **Prix** US $ 4 000,– (Hors Taxe) **Durée** 4 jours

A qui s'adresse cette formation

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

Cette formation prépare à la/aux certifications

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

Pré-requis

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

Objectifs

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

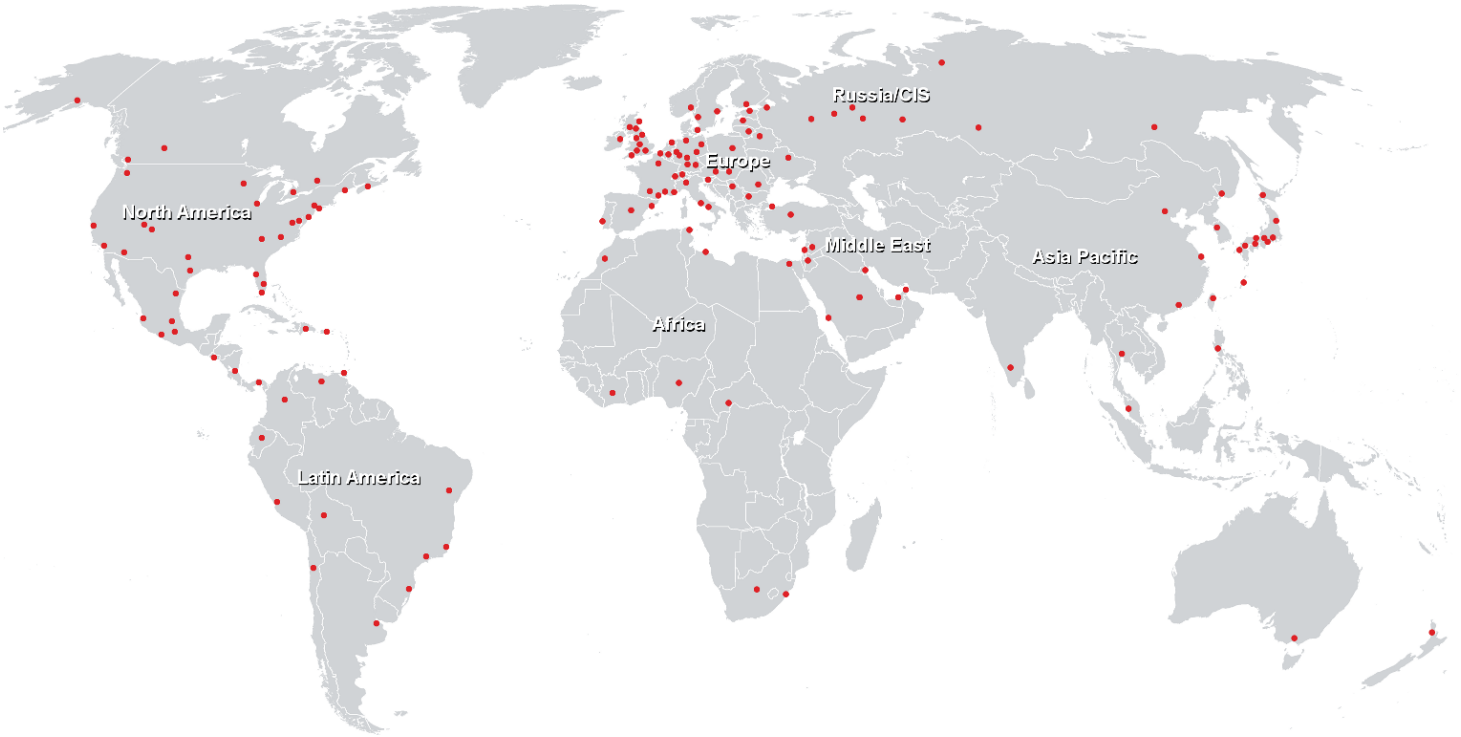
- Describe the IEEE 802.11 standard and amendments.
- Describe wireless frequency bands.
- Apply radio frequency (RF) basics in wireless networks.
- Identify how modulation and coding make up wireless networks.
- Describe the interworkings of association and roaming.
- Describe network contention factors.
- 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.

Contenu

- 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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Centres de formation dans le monde entier





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