

Juniper Wireless Networks with Mist AI (JWMA)

ID JWMA Prix US \$ 4 000,- (Hors Taxe) Durée 4 jours

A qui s'adresse cette formation

Individuals responsible for working with Enterprise wireless networks and applying artificial intelligence to their activities

Pré-requis

- · Basic TCP/IP skills
- · General networking
- Basic knowledge of wireless technologies (Wi-Fi) is recommended

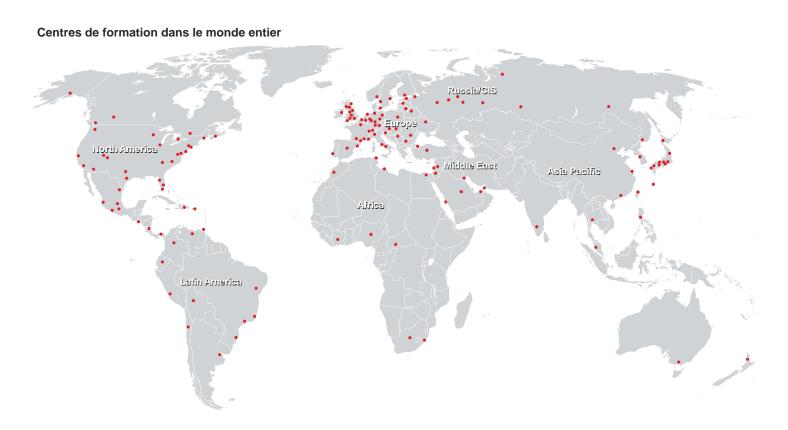
Objectifs

- Introduce the IEEE 802.11 standard and amendments.
- · Describe Wi-Fi frequency bands.
- · Apply radio frequency basics in Wi-Fi networks.
- · Identify how modulation and coding make up Wi-Fi.
- Describe the inter-workings of association and roaming.
- · Describe network contention factors.
- Define WLANs.
- Introduce Mist.
- Describe Mist configuration objects for Wi-Fi.
- Explain Juniper access points and their configuration options.
- · Describe Mist's WLAN configuration objects.
- · Describe Mist Edge.
- Describe the Mist guest options.
- · Describe WXLAN policies and apply them to resources.
- Describe WLAN security threats detected by the Mist WLAN system.
- Interpret wireless service level expectations (SLE) in relation to users.
- Gather events and insights from the Mist cloud.
- Summarize Mist's Radio Resource Management (RRM).
- Evaluate custom dashboard and reports options.
- Evaluate machine learning and artificial intelligence.
- Summarize Marvis queries.
- Extend Mist's Marvis actions.
- · Compare location service's concepts and methods.
- · Explain Mist's approach to user engagement.

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

Contenu

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