Automating Juniper Mist AI Enterprise (AMAIE)

ID AMAIE **Prix** US $ 5 000,– (Hors Taxe) **Durée** 5 jours

A qui s'adresse cette formation

Individuals responsible for accessing and using Mist AI data for business intelligence and operations

Cette formation prépare à la/aux certifications

Juniper Networks Certified Internet Professional Mist AI (JNCIP-MISTAI)

Pré-requis

- Basic networking (wired and wireless) knowledge
- Understanding of OSI reference model and the TCP/IP protocol suite
- Experience with Juniper Mist products and solutions
- Basic automation and scripting knowledge, Python knowledge recommended
- Completion of the following courses:
  - Introduction to Juniper Platform Automation and NetDevOps (IJAUT)
  - Deploying and Managing Juniper Wireless Networks with Mist AI (DMJWN)
  - Deploying and Managing Wired Networks for Campus and Branch with Juniper Mist AI (JCMA)
  - Deploying and Managing SD-WAN with Juniper Mist AI

Objectifs

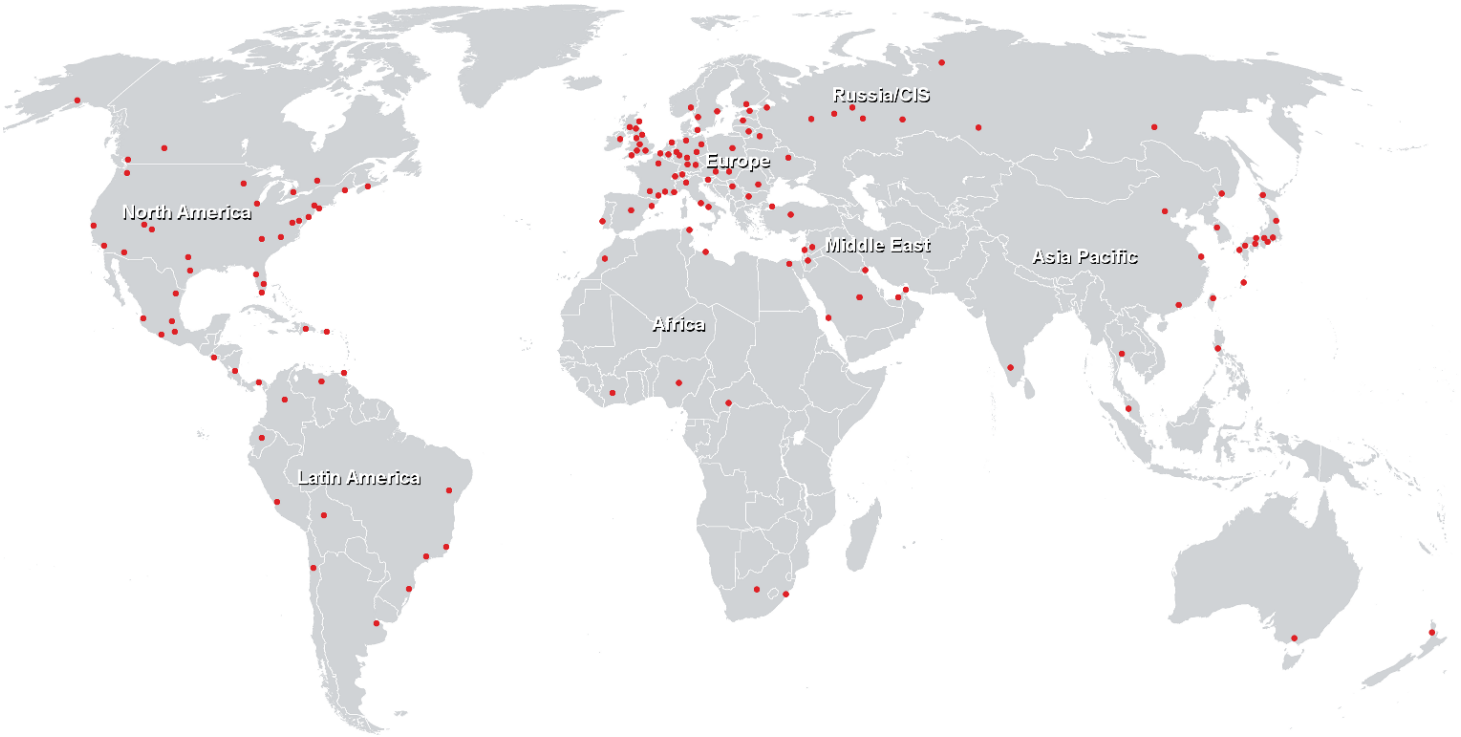
- Associate AIOps to the distributed enterprise network.
- Summarize the distributed enterprise network with Juniper Mist AI.
- Explain the automation options for Juniper Mist.
- Refresh your Python basics.
- Explain how JSON and YAML are used for automation.
- Describe data templating with Jinja2.
- Describe how JupyterLab is used.
- Evaluate REST API tools and their uses.
- Use the Juniper Mist REST API with Python.
- Automate Juniper Mist Day 1 operations with Python.
- Execute Juniper Mist configuration with webhooks.
- Summarize 802.1x and EAP authentication.
- Examine RADIUS configuration and integration with Juniper Mist.
- Review Juniper Mist Access Assurance.
- Integrate Juniper Mist Edge with Juniper Mist Access Assurance.
- Implement security to a distributed enterprise network with Juniper Mist.
- Deploy a distributed enterprise architecture.
- Manage Day 2+ operations with the Mist API.

Contenu

- Associating AIOps to the Distributed Enterprise Network
- Summarizing the Distributed Enterprise Network with Juniper Mist AI
- Automation Options for Juniper Mist
- Python Automation Toolkit, Part 1
- Python Automation Toolkit, Part 2
- Python Automation Toolkit, Part 3
- Evaluating REST API Tools and Their Uses
- Using the Juniper Mist REST API with Python
- Automating Juniper Mist Day 1 Operations with Python
- Executing Juniper Mist Configuration with Webhooks
- Summarizing 802.1x and EAP Authentication
- Examining RADIUS Configuration and Integration with Juniper Mist
- Reviewing Juniper Mist Access Assurance
- Integrating Juniper Mist Edge with Juniper Mist Access Assurance
- Implementing Security to a Distributed Enterprise Network with Juniper Mist
- Deploying a Distributed Enterprise Architecture
- Managing Day 2+ Operations with Juniper Mist

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Centres de formation dans le monde entier





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