Deploying and Managing Wired Networks for Campus and Branch with Juniper Mist AI (JCMA)

ID JCMA **Price** US $ 2,000.—(excl. VAT) **Duration** 4 days

Who should attend

- Individuals who want an understanding of Juniper Mist Wired Assurance and Juniper switches;
- Individuals who want to learn how to deploy campus networks using Mist; and
- Individuals who want an introduction to network fabrics and their application in a campus LAN environment.

This course is part of the following Certifications

Juniper Networks Certified Internet Specialist Mist AI Wired (JNCIS-MISTAI-WIRED)

Prerequisites

- Completion of the Juniper Wireless Networks with Mist AI (JWMA) course or equivalent knowledge
- General understanding of campus and enterprise networks
- Advanced networking knowledge of routing and switching and supporting technologies
- Basic knowledge of Juniper switching devices
- Strong understanding of the BGP routing protocol

Course Objectives

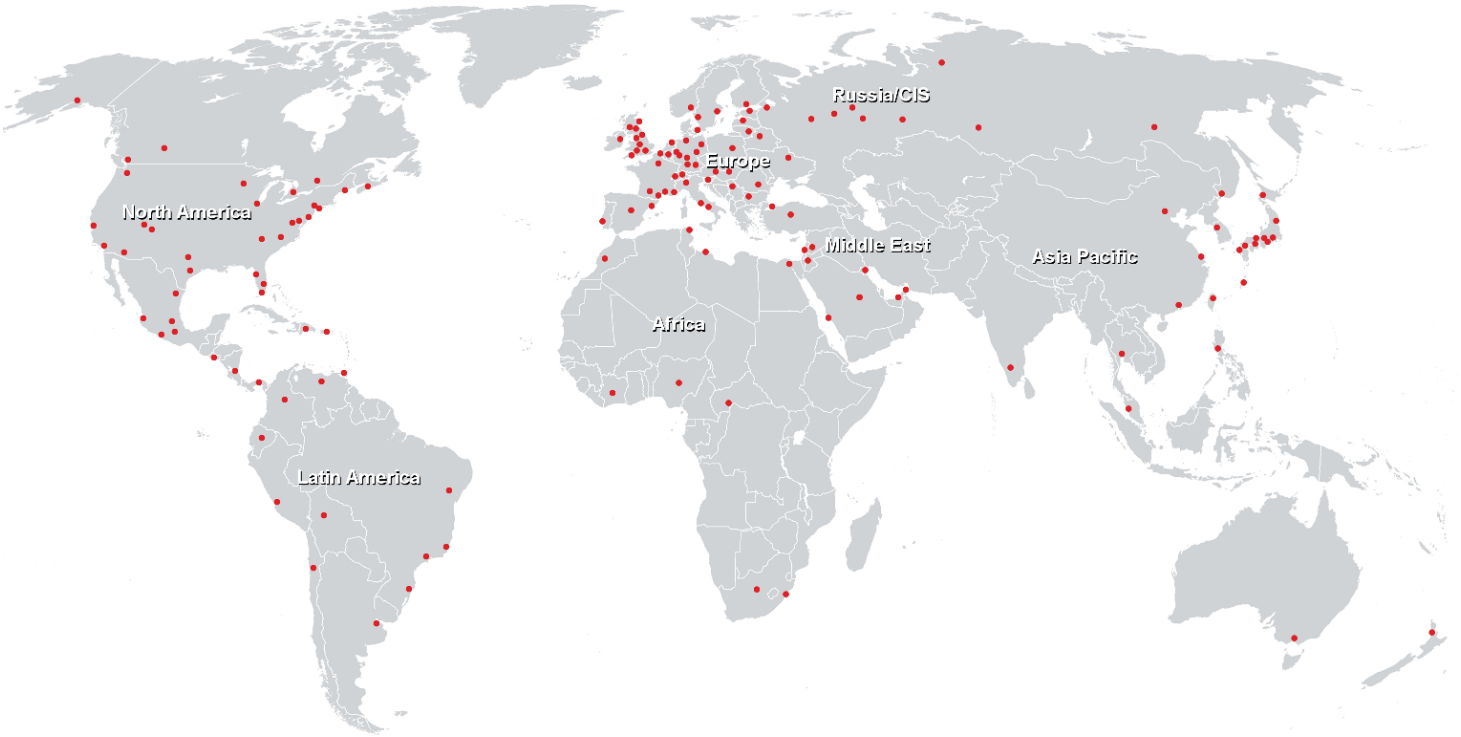
- Describe the benefits of Juniper Mist Wired Assurance (switch installation and campus fabrics).
- Explain each of the three processes that make up switch installation.
- Summarize the management of standalone and Virtual Chassis switches in the Mist UI.
- Correlate switch configurations and template options available in the Mist UI.
- Explain traditional and modern campus architectures.
- Install a Juniper enterprise switch with the Mist UI.
- Deploy switches in a traditional campus LAN.
- Deploy an EVPN-multihomed campus fabric using Mist.
- Deploy a 3-stage IP Clos campus fabric using Mist.

Course Content

- Course Introduction
- Mist Wired Assurance Overview
- Mist Wired Assurance, Day Zero—Provision
- Mist Wired Assurance—Virtual Chassis
- Mist Wired Assurance, Day One—Deployment
- Mist Wired Assurance, Day One—Configuration
- Configuration Scalability Use Cases
- Mist Wired Assurance, Day Two—Operations
- Wired Clients
- Campus Fabric Architectures
- VXLAN Overview
- EVPN-VXLAN
- Mist Campus Fabric Deployment—EVPN Multihoming
- Mist Campus Fabric Deployment—Core Distribution
- Group-Based Policy and Microsegmentation
- Mist Campus Fabric Deployment–IP Clos

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Training Centres worldwide





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