Advanced Junos Enterprise Switching (AJEX)

ID AJEX **Prix** CHF 2 100,– (Hors Taxe) **Durée** 2 jours

A qui s'adresse cette formation

This course benefits individuals responsible for configuring and monitoring EX Series Switches using Junos OS.

Cette formation prépare à la/aux certifications

Juniper Networks Certified Internet Professional Enterprise Routing & Switching (JNCIP-ENT)

Pré-requis

The prerequisites for this course include:

- Basic networking knowledge and an understanding of the OSI reference model and the TCP/IP protocol suite.
- Completion of the Introduction to the Junos Operating System (IJOS) course prior to attending this class.
- Completion of the Junos Enterprise Switching (JEX) course prior to attending this class.

Objectifs

- Modify traffic flows within a VLAN.
- Manage dynamic VLAN registration.
- Implement Layer 2tunneltraffic through Ethernet networks.
- Review the purpose and operations of a spanning tree.
- Implement multiple spanning-tree instances in a network.
- Implement one or more spanning-tree instances for a VLAN.
- List the benefits of implementing end-user authentication.
- Explain the operations of various access control features.
- Configure and monitor various access control features.
- Describe processing considerations after enabling multiple authentication and access control features.
- Describe some common IP telephony deployment scenarios.
- Describe features that facilitate IP telephony deployments.
- Configure and monitor features used in IP telephony deployments.
- Explain the purpose and basic operations of CoS.
- Describe CoS features used in Layer 2 networks.
- Configure and monitor CoS in a Layer 2 network.
- List common issues that disrupt network operations.
- Identify tools used in network troubleshooting.
- List available tools to resolve network issues.

Contenu

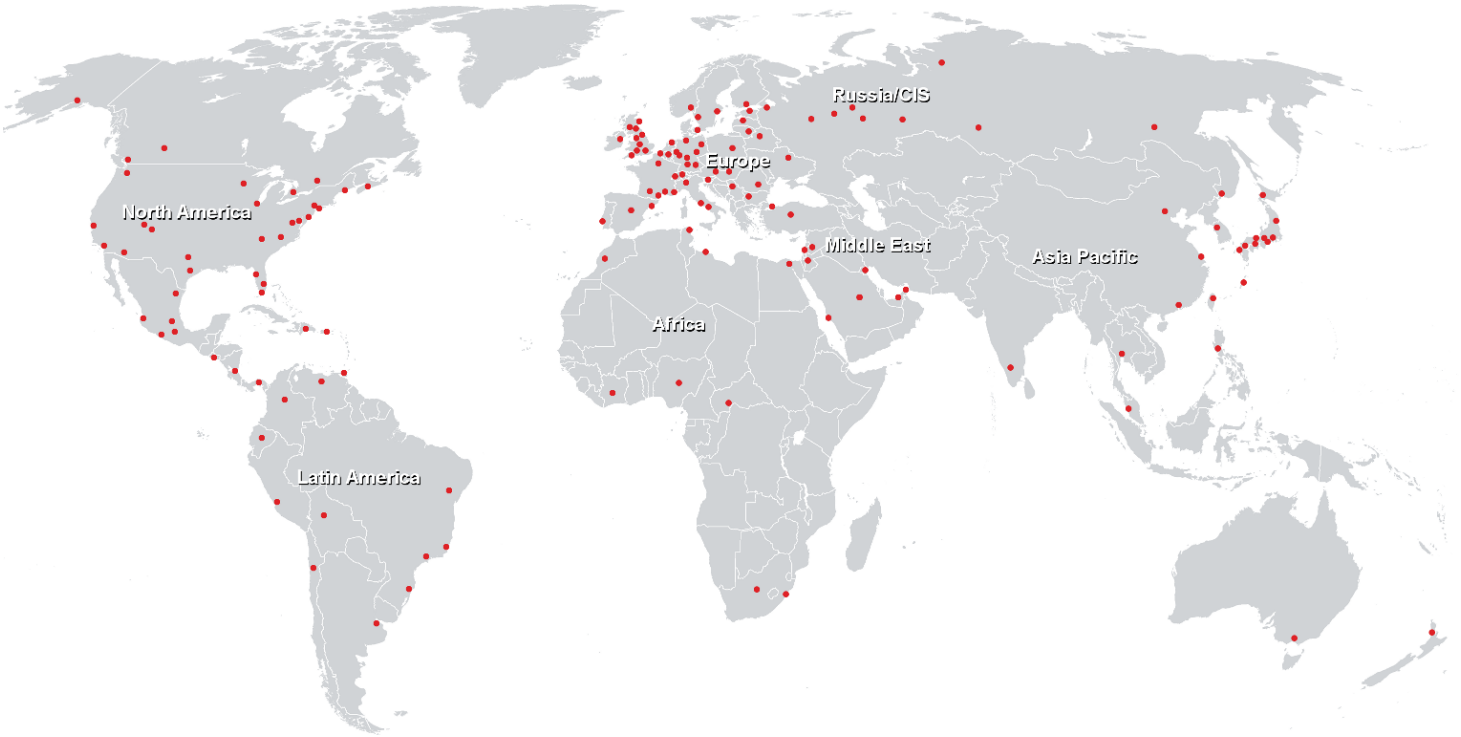
- Implementing VLAN Traffic Management
- Advanced Ethernet Switching
- MSTP
- VSTP
- Authentication and Access Control
- Access Control Features—MAC RADIUS and Captive Portal
- IP Telephony Features—Power over Ethernet, Neighbor Discovery Using LLDP
- IP Telephony Features—Voice VLAN
- Class of Service—Overview
- Implementing Class of Service
- Introduction to Monitoring and Troubleshooting Layer 2 Enterprise Networks
- Monitoring and Troubleshooting Layer 2 Enterprise Networks

Self-Study Modules

- Juniper Mist Wired Assurance—Overview
- Juniper Mist Wired Assurance, Day One—Deployment and Configuration

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Centres de formation dans le monde entier





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