Implementing Data Center Fabric with EVPN and VXLAN (ADCX)

ID ADCX **Price** US $ 5,000.—(excl. VAT) **Duration** 5 days

Who should attend

The primary audiences for this course include the following:

- Data Center Implementation Engineers
- Data Center Design Engineers

Prerequisites

- Understanding of the OSI model
- Advanced routing knowledge—the Advanced Junos Enterprise Routing (AJER) course or equivalent knowledge
- Intermediate switching knowledge—the Junos Enterprise Switching (JEX) course or equivalent knowledge
- Intermediate to advanced Junos CLI experience

Course Objectives

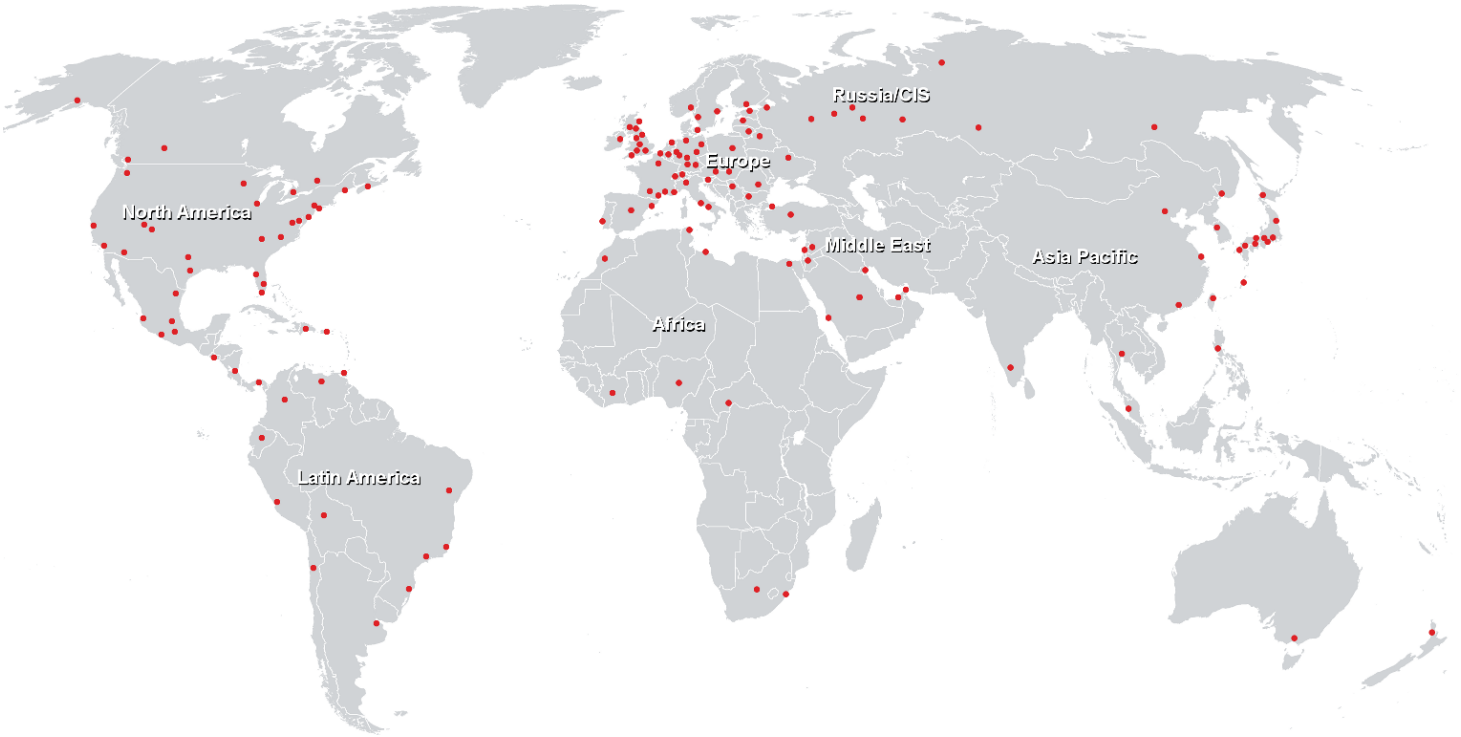
- Describe and configure an IP fabric.
- Describe and configure an EVPN-VXLAN data center.
- Identify and configure centrally routed bridging (CRB) EVPN-VXLAN designs.
- Identify and configure edge-routed bridging (ERB) EVPN-VXLAN designs.
- Evaluate basic and advanced data center design concepts.
- Describe and configure DCI.
- Describe enhancements to multicast functionality in an EVPN-VXLAN.
- Describe the role of multicloud data center controllers.

Course Content

- Course Introduction
- Data Center Fundamentals Overview
- IP Fabrics
- VXLAN Fundamentals
- EVPN Controlled VXLAN
- Configuring EVPN Controlled VXLAN
- Basic Data Center Architectures
- Data Center Interconnect
- Advanced Data Center Architectures
- EVPN Multicast
- Introduction to Multicloud Data Center
- Comprehensive Data Center Lab
- Appendix: Virtual Chassis Fabric
- Appendix: Virtual Chassis Fabric Management
- Appendix: Junos Fusion Data Center
- Appendix: Multichassis LAG
- Appendix: Troublehsooting MC-LAG
- Appendix: ZTP
- Appendix: In-Service Software Upgrade
- Appendix: Troubleshooting Basics
- Appendix: Data Center Devices

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Training Centres worldwide





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