

Junos Enterprise Switching (EDU-JUN-JEX)

Underleverantör: IP-Solutions

Datum

- 19-20 May, 2011
Stockholm

Junos Enterprise Switching (JEX) is a two-day course that provides students with introductory switching knowledge and configuration examples. This course includes an overview of switching concepts and operations, virtual LANs, spanning tree protocol, port and device security features, and high-availability features. This course is based on Junos version 10.1.

Through demonstrations and hands-on labs, students will gain experience in configuring and monitoring the Junos OS and monitoring device operations.

Målgrupp

This course benefits individuals responsible for configuring and monitoring EX Series switches.

Förkunskaper

Students should have basic networking knowledge and an understanding of the OSI model and the TCP/IP protocol suite. Students should also attend the Introduction to Junos Software (IJS) and Junos Routing Essentials (JRE) courses prior to attending this class.

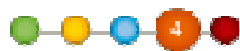
Övrigt

This course is available as scheduled training and the presentation is given in Swedish. The course is mixing theory and practical exercises. We can also give this course as on-site training. If you are interested in customized education, don't hesitate to contact us for further information

Längd

2 dagar

Svårighetsgrad



Agenda

Course Introduction

Layer 2 Switching

- Ethernet Bridging Basics
- Terminology and Design Considerations
- Overview of Enterprise Switching Platforms
- Enabling and Monitoring Layer 2 Switching Operations
- Lab 1: Implementing Layer 2 Switches

Virtual Networks

- Overview of VLANs
- Configuring and Monitoring VLANs
- Voice VLAN
- Native VLAN
- Routed VLAN Interfaces (RVIs)
- Lab 2: Configuring and Monitoring VLANs

Spanning Tree

- Spanning Tree Protocol (STP)
- Rapid Spanning Tree Protocol (RSTP)
- Configuring and Monitoring STP and RSTP
- Protection Features
- Lab 3: RSTP and Protection Features

Port Security

- MAC Limiting
- Dynamic ARP Inspection (DAI)
- DHCP Snooping
- IP Source Guard
- Lab 4: Implementing Port Security Features

Device Security

- Storm Control
- Firewall Filters
- Lab 5: Implementing Device Security Features and Firewall Filters

High Availability

- Link Aggregation Groups (LAGs)
- Redundant Trunk Groups (RTG)
- Lab 6: Configuring LAGs and RTG
- Virtual Chassis
- Lab 7: Implementing a Virtual Chassis