Junos Enterprise Switching (JEX) Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Junos Enterprise Switching (JEX) Training offered by Multisoft Systems is designed to equip networking professionals with the essential skills required to configure and manage Juniper switching platforms in enterprise environments. This hands-on course provides a comprehensive understanding of Layer 2 switching technologies using the Junos OS.

Module 1: Introduction

Module 2: Layer 2 Switching

- ✓ Ethernet Bridging Basics
- ✓ Terminology and Design Considerations
- ✓ Overview of Enterprise Switching Platforms
- ✓ Enabling and Monitoring Layer 2 Switching Operations

Module 3: Virtual Networks

- ✓ Overview of VLANs
- ✓ Configuring and Monitoring VLANs
- ✓ Voice VLAN
- ✓ Native VLAN
- ✓ Routed VLAN Interfaces (RVIs)

Module 4: Spanning Tree

- ✓ Spanning Tree Protocol (STP)
- ✓ Rapid Spanning Tree Protocol (RSTP)
- ✓ Configuring and Monitoring STP and RSTP
- ✓ Protection Features: BPDU Protection
- ✓ Protection Features: Loop Protection
- ✓ Protection Features: Root Protection

Module 5: Port Security

- ✓ MAC Limiting
- ✓ DHCP Snooping
- ✓ Dynamic ARP Inspection (DAI)
- ✓ IP Source Guard

Module 6: Device Security and Firewall Filters

- ✓ Storm Control
- ✓ Firewall Filters

Module 7: Virtual Chassis

- ✓ Overview of Virtual Chassis
- ✓ Configuring and Monitoring a Virtual Chassis

Module 8: High Availability Features

- ✓ Overview of High Availability Networks
- ✓ Link Aggregation Groups (LAGs)
- ✓ Redundant Trunk Groups (RTG)