

## Junos Class of Service (JCOS)

**ID** JCOS **Price** CHF 2,000.—(excl. VAT) **Duration** 2 days

### Who should attend

Individuals responsible for network administration who configure and administer class-of-service features on Juniper Networks® MX Series Universal Routers running Junos OS

### Prerequisites

- Basic networking knowledge
- Experience and familiarity with Junos OS
- Familiarity with the Junos CLI
- Completion of [Introduction to the Junos Operating System \(IJOS\)](#) course
- Completion of the [Junos Intermediate Routing \(JIR\)](#) course

### Course Objectives

- Identify the fundamentals of CoS.
- Identify and configure packet classification.
- Describe and configure policers.
- Configure firewall applications.
- Identify and configure scheduling components.
- Identify and configure the components of hierarchical scheduling.
- Identify and configure rewrite rules.
- Describe and configure CoS-based forwarding.
- Discuss and configure an end-to-end VoIP case study.
- Explain the high-level design for backend and compute networks.

### Course Content

- Class-of-Service Overview
- Packet Classification
- Policing
- Interface and Firewall Applications
- Scheduling
- Hierarchical Scheduling
- Rewrite Rules
- CoS-Based Forwarding
- CoS VoIP Case Study
- Congestion Control in Machine Learning Networks

# Junos Class of Service (JCOS)

---

## Training Centres worldwide



## Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>