RSVP (part 1)

Essentials: RSVP characteristics; differentiating LDP and RSVP

Agenda

- Pop Quiz (Module 3 on LDP)
- Term Test #1: **next Wed Feb 8** (4pm, room P311)
  Will cover everything in MPLS modules 0-4 as well as all lab material
- Start RSVP: Module 4, section 1 (Intro, protocol basics, control plane)
  (Also: RFC2113 – IP Option 20 = Router Alert and "fast path")
- By special arrangement, Mira Ghafary from Nokia
- Coming next: Traffic Engineering in RSVP

Assignments and Lab work

- Read: MPLS Module 4: RSVP (entire; by next Wed)
- Read: NRS-II book: Chapter 13 pages 600-656 by Wed
- Lab 4 post-lab: due by 11:59pm the **day before your lab** section.
- Lab #5: (To Be Confirmed) MPLS Lab Guide, Lab 5.1 and prep for Lab 5.3
- Excercise #1 (on BB): MPLS LSPs and Labels, due next **Mon @2:00pm**

RSVP Overview & Key Points

- RSVP concepts
- RSVP with Traffic Engineering concepts
- RSVP message types
- RSVP session establishment for an LSP
- LSP signalling using RSVP
- LSP-ping and LSP-traceroute for RSVP-based LSPs

Some good summary slides include:

- RSVP pre-requisites; slide 10
- Minimum required configuration; slide 17
- RSVP messages; slide 33
- Section 1 summary; slide 42
- Module summary; slides 60-61

Guest Speaker

Special guest presentation by Mira Ghafary from Nokia's Kanata campus.

Mira has been a Customer Applications Engineer, SRC Subject Matter Expert, and most recently an author of the 1000+ page Self-Study Guide for Nokia's top-level "Service Routing Architect" certification.