

RSVP + Traffic Engineering (TE)

Essentials: TE constraints, TED, CSPF

Agenda

- Summer jobs anyone?!!
- Take up any questions from previous lectures, labs, or test #1
- Review RSVP-TE, Module 5:
 - Section 4, slide 141+: LDP-over-RSVP
- New Material from Module 5:
 - Section 2 – Basic TE config
 - [slides 93-140 *not* covered in this course]
 - Section 5 – MPLS shortcuts, *especially 6PE* (slides 178-183)
- (Time permitting, or after Feb break) RSVP – Mod 4
 - Four optimizations for managing RSVP sessions:
Hello Protocol, Refresh randomization, Msg-ID + Summary Refresh, ACK
- Coming after Feb break: Start VPN Services: SA Module 1; NRS-II Ch 17

Assignments and Lab work

- Read: complete MPLS Module 5: Traffic Engineering by Wed Feb 26
Ref: NRS-II book: Chapter 14 by Mon Feb 26
- Lab 6 post-lab: due by Wed **Feb 26 @ noon**
- Lab 7 (after break): IPv6 over MPLS (NRS-II Lab 13.4)