

## VPRN

Essentials: (1) MP-BGP on PE's; (2) VPRN service; (3) Proto for PE-CE routing

### Agenda

- Reminder: **Post-lab #12** will be due @ 11:59pm on **Thu Apr 6** for everyone
- Brief review of LSP resilience features: secondary, standby, FRR
- Brief review of IES configuration = service( interface (addr + (sap or sdp))))
  - MTU matching is required when used with SDP!! How to determine?
- Back to SA: cover VPRN basics – SA Mod 5, slides 28-54

### Assignments and Lab work

- Read: NRS-II Ch 20 and SA Module 5 – L3 services
- Lab #12: VPRN (from SA Lab 9 – VPRN)
  - Supporting material to be presented in Wed lecture
  - Ref: SA Module 5, section 3-5
- Lab 11 post-lab: due by 11:59pm **the day before** your lab session #12

### References / Lab Prep

There's a few key slides in SA Mod 5 that show exactly how to configure a VPRN:

- MP-BGP on PE's: slide 60
- VPRN service on PE: slide 67, 69
- PE-CE peering: slide 73 (protocol), 72 & 74 (export policies)
- Overall for VPRN + PE --> CE peering: slide 78