

Ch 8: Miscellaneous Network Features

Essentials: L2 neighbour discovery; PoE

Agenda

- Review Campus Security, especially best practices
 - NEW! IOS ver 15 options for password encryption:
`enable algorithm-type [scrypt | sha256 | md5] secret <password>`
- Complete Ch 8 – Miscellaneous Features
- Coming next: QoS
- Next week: Course overview; SBA & final exam info

Assigned Readings and Lab work

- Read FLG Ch 8 – Security due by Wed Apr 5
- Cisco **Ch 10** online test due before **Fri Mar 31 @ 11:59pm**
- Cisco **Ch 8** online test due before **Tue Apr 4 @ 11:59pm**
- Cisco online final due between Wed Apr 5 & **Fri Apr 7 @ 11:59pm**
- Pre-lab and post-labs as per the regular schedule
- Lab 12 (next week): Cisco V7 lab 10.1 – L2 security

Ch 8: Miscellaneous Features

The chapter intro lists the 6 features covered of which we've covered at least 1/2:

- neighbour discovery protocols: CDP, LLDP (CDP covered; LLDP = new)
- UDLD (covered as part of STP & enhancements)
- Power over Ethernet (PoE) (new)
- SDM templates (covered in labs and previous lectures)
- Monitoring features: SPAN, RSPAN (covered in labs)
- IP SLA (covered in labs; NET3008)

The lecture coverage of the chapter will focus on LLDP and PoE.