Test 2 Review

Any of the assignments that we have previously done are fair game, though the primary focus will be on assignments between the last exam and this exam. Please make sure that you understand those assignments.

1:20-21

- connected routes
- static routes
  - what they are, how to set
  - default route
  - how to set, what it is
  - distance vector vs. link state
  - Rip
  - v1 vs v2
  - how to configure!
  - different timers
  - IGP vs EGP
  - Who assigns ASN’s?
  - Autosummarization
  - convergence
  - Administrative distance
  - telnetting and suspending

1:22:23

- WAN technologies
  - dsl, isdn, cable, modems
  - packet vs circuit
  - nat
- hdlc vs ppp
- PSTN
- how modems work, what they do
- what is dsl
  - different flavors
  - how far from dslam?
- Cable
- ATM


2:3 - Troubleshooting LAN switching

- cdp

2:2 - STP

- know table 2-2 on page 63
- how does election occur
- backup/designated ports
- Know the different timers
- convergence
- etherchannel
- portfast
- bpduguard
- rapidstp

2:4
• static routes
• setting ip addresses
• ping
• directly connected

**2:5**

• vlsm review
• overlapping subnets

**2:6**

• ROute summarization
  • what is it? Why? How?
  • what protocols support this?

**2:7-8**

• Acls

**2:9**

• ping
• traceroute

**Commands (I am sure I haven’t listed all of them)**

• `sh ip route`
• `sh ip protocols`
• debug
• `sh cdp neighbors`  
• `router rip`  
• `router eigrp 1234`  
• `network x.x.x.x y.y.y.y`  
• `sh stp status`  
• `sh vtp stat`