

## STP (Part 2)

### Agenda

- Pop Quiz
- Date of **Midterm**: confirmed for **Fri Feb 17** during lecture time.
- Interested in a *free 1 week all-expenses-paid trip* to visit Cisco HQ? (TBC)  
NetRiders Registration is due by Wed Feb 22
  - <http://www.academynetriders.com/index.php>
  - CCNA: eligible students are "currently enrolled in or completed in last 10 months the 3rd or 4th CCNA course"
  - Round 1: Thur March 2 any time from 8:00am–11:00pm
  - Round 2: Thur April 27 any time from 8:00am–11:00pm
  - Round 3: Wed May 17; time TBA
  - a practice site is open now and during the entire competition period
  - Please ask me for the (anti-spambot) registration password
- Lab Prep: What is MSTP?
  - Instead of Cisco-style *per-vlan* STP, one tree for a *group* of VLANs
- Continue Ch 4 – STP

### Assigned Readings and Lab work

- Read FLG Ch 4 p. 119-179; due by Fri @ 10am
- Lab 5: STP, RSTP, MSTP
- Pre-lab & post-lab as per the regular schedule

### Algorhyme

I think that I shall never see  
A graph more lovely than a tree.  
A tree whose crucial property  
Is loop-free connectivity.  
A tree that must be sure to span  
So packets can reach every LAN.  
First, the root must be selected.  
By ID, it is elected.  
Least-cost paths from root are traced.  
In the tree, these paths are placed.  
A mesh is made by folks like me,  
Then bridges find a spanning tree.

-Radia Perlman