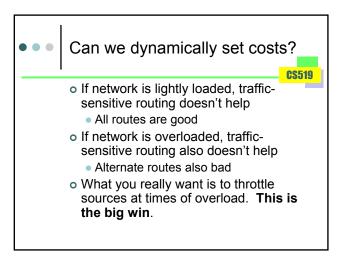
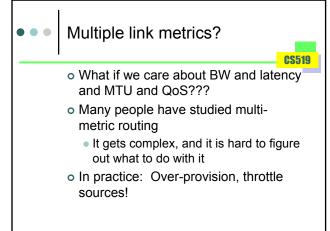
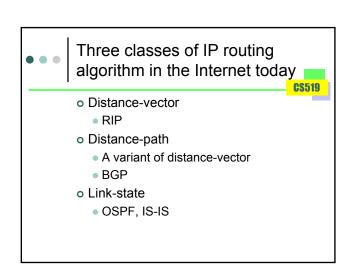


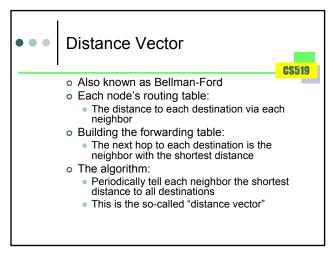
Can we dynamically set costs?

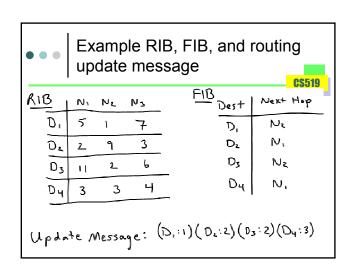
Measure volume of traffic, increase cost as volume increases, decrease cost as volume decreases
It turns out that this is hard to get right
Route oscillations---must be damped

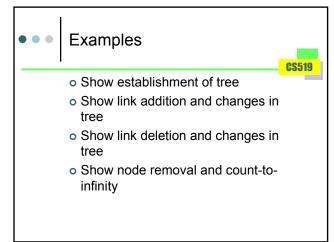


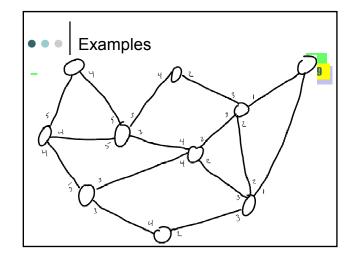


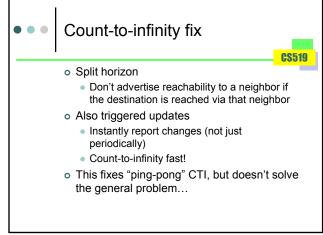


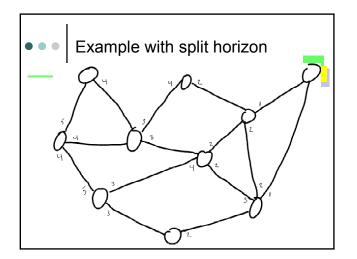


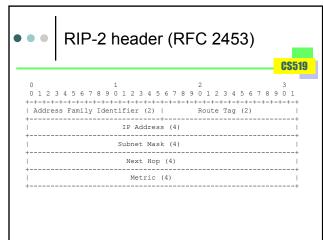


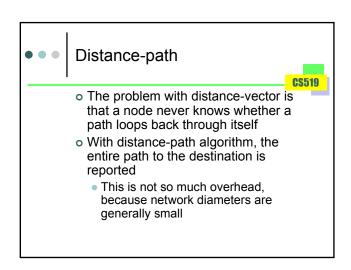


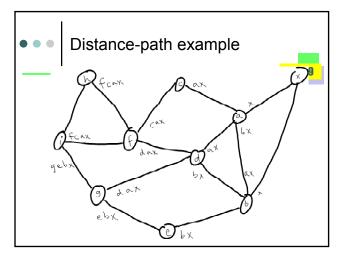












Distance-path pros and cons

- **CS519**
- New paths have to be advertised even when the distance doesn't change
 - More traffic overhead...this has caused havoc in BGP
- More policy control (BGP)
 - Path is known, so can make more intelligent selection among alternatives
 - But still "hostage" to policy decisions made before you in the path