Taylor Earl

9/23/15

CS2750

* Forwarding
  + Connectionless
    - Based on dest IP address
  + Connection-Oriented
    - Flow Label
* Classful
  + Divide up routing table into multiple routing tables
    - This will make our lookups more efficient
  + Network Address | Next-Hop Address | Interface
* Classless
  + Mask | Network Address | Next-Hop | Interface
* Address Aggregation
  + Takes multiple addresses attached to one router, that then use one route to the rest of the internet, and shrink them down to a smaller single address
* Hierarchical Geography
  + Connection - Oriented
  + Lookup instead of search
  + Uses flow-label
* Network Header
  + 20 bytes - 60 bytes
* Fragmentation
  + Fragment Offset
  + Identifier