

Oct -16 - 2014

Note Title

8/28/2014

1. a) 1 error in  $(60)(100 \times 10^9) \Rightarrow 1.67 \times 10^{-13}$

b)

$$2^{\uparrow} / \left(\frac{L}{c}\right) = 200,000 \quad \uparrow = .01 \text{ sec}$$

2. ARP get IP Address MAC address  
association

3. a) point-to-point

b) False c) False d) True

4. a) 203.10.170.5  $\rightarrow$  4

129.237.123.166  $\rightarrow$  9

203.10.170.138  $\rightarrow$  11

b) 62 bits

5. Drops packet TTL = 1 sec  $\rightarrow$  TTL = 0  
 send ICMP back to source

6.  $A \rightarrow B \rightarrow F \rightarrow D \rightarrow C \rightarrow E$

7 added

9 ~~8~~. a)  $98\mu s$       b)  $2.71ms$   
 c)  $2.93ms$

8. Standards  $\rightarrow$

Packet Voice

+ Delay budget      + jitter buffer

+ #ms / packet

+ Video (see 7.2)

$$\text{Order} \neq \text{Complexity} = \frac{\text{Peak}}{\text{Ave}}$$

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Performance  $\rightarrow$

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