

King Fahd University of Petroleum & Minerals Computer Engineering Dept

**COE 342 – Data and Computer
Communications**

Term 021

Dr. Ashraf S. Hasan Mahmoud

Rm 22-144

Ext. 1724

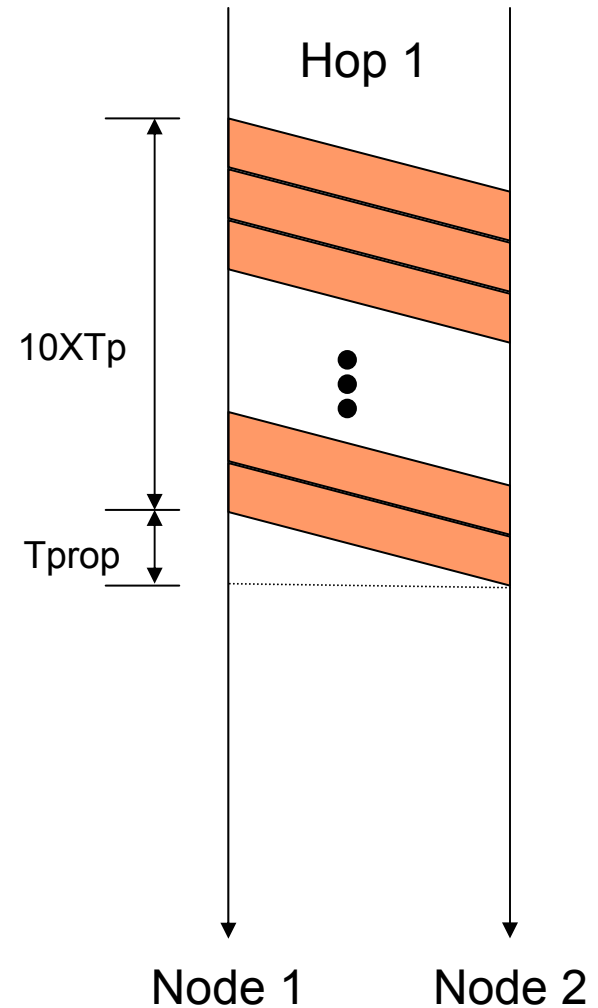
Email: ashraf@ccse.kfupm.edu.sa

Hint for Assignment 1 – Q2

Total Time =
 $10T_p + T_{prop}$

T_p is the time to transmit one
packet on one hop

After total time Node 2 has all packets
fully received

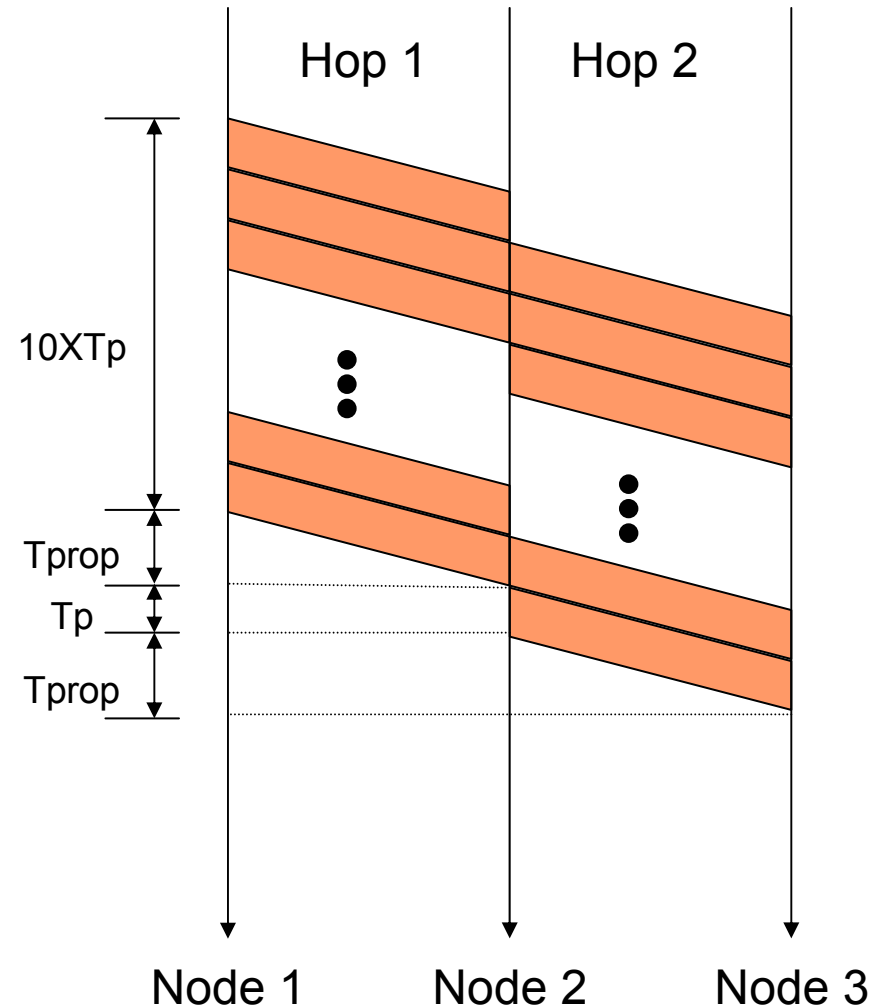


Hint for Assignment 1 – Q2

Total Time =
 $10T_p + 2T_{prop} + (2-1)T_p$

T_p is the time to transmit one
packet on one hop

After total time Node 3 has all packets
fully received



Hint for Assignment 1 – Q2

Total Time (VC) =
 $T_{\text{setup}} + 10T_p + 3T_{\text{prop}} + (3-1)T_p$

T_p is the time to transmit one packet on one hop

Total Time (DG) =
 $10T_p' + 3T_{\text{prop}} + (3-1)T_p'$

T_p' is the time to transmit one packet on one hop

