

Assignment 5

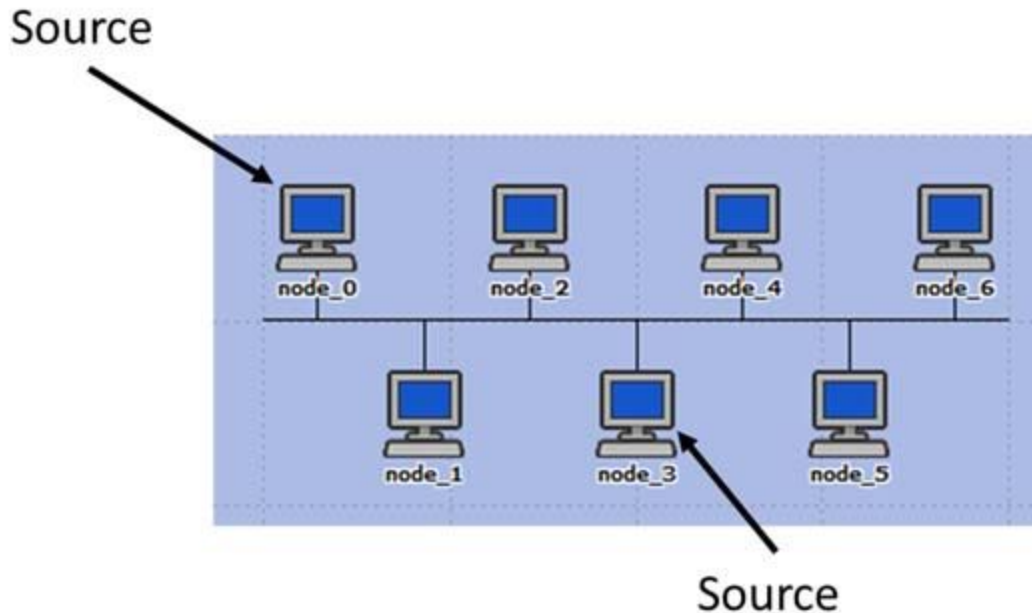
Harshit Maurya

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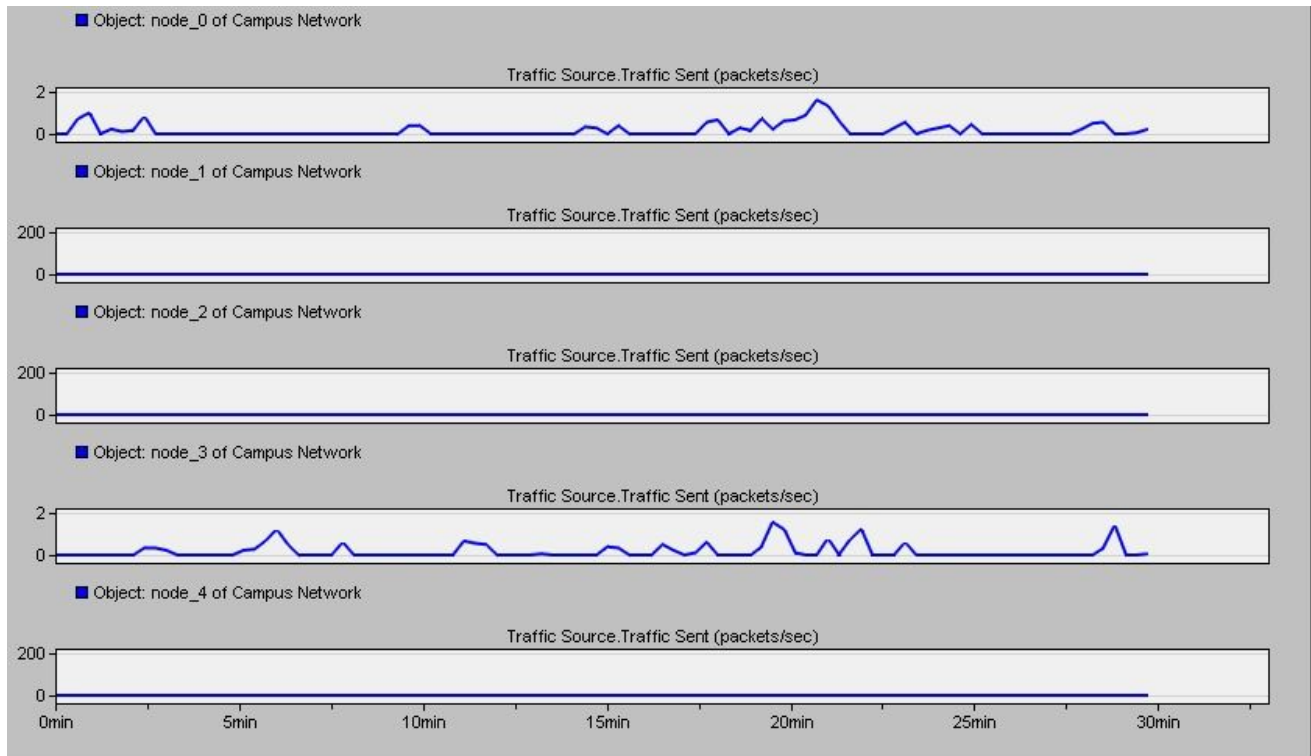
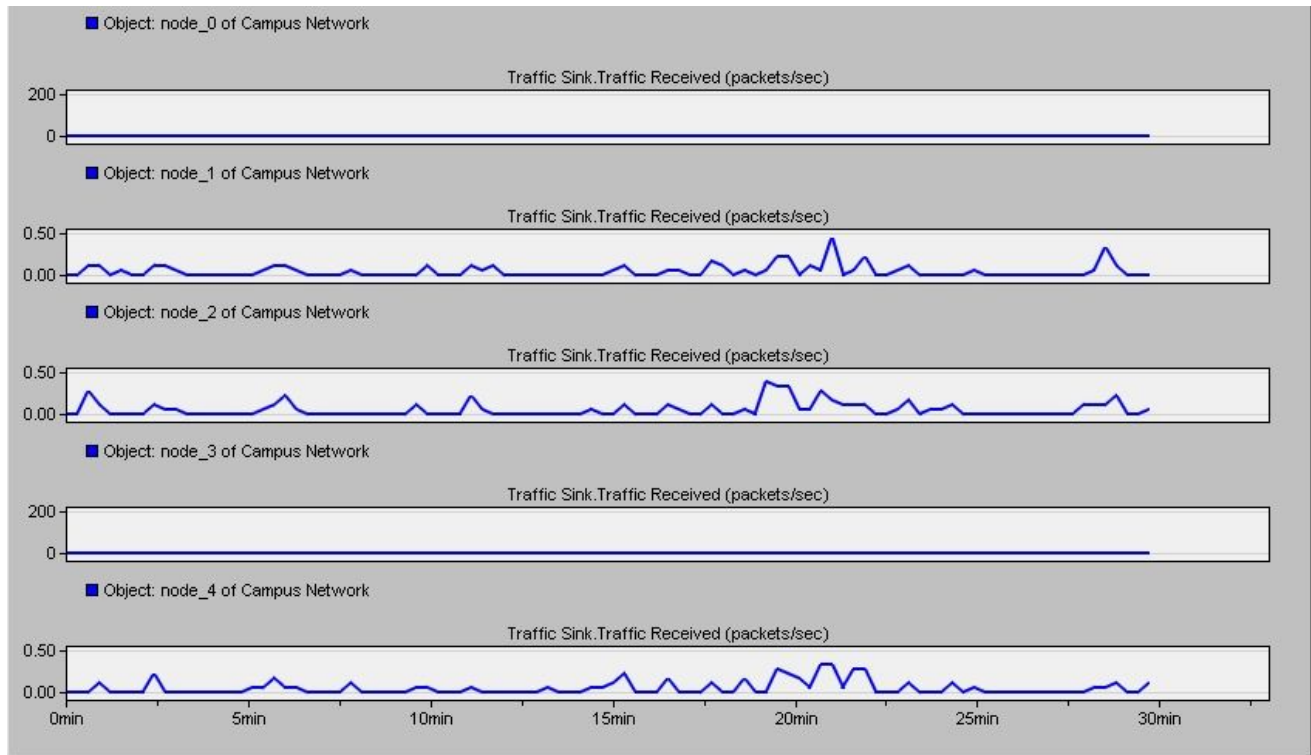
Problem Statement 1:

Using OPNET create Bus topology among a set of N computer nodes out of which two nodes are source and the rest are sink nodes.

Model the traffic of source and sink nodes individually and demonstrate the packet transfer between them using Ethcoax (Ethernet using coaxial) cables. Use network scale as the “campus” of area 1km x 1km.



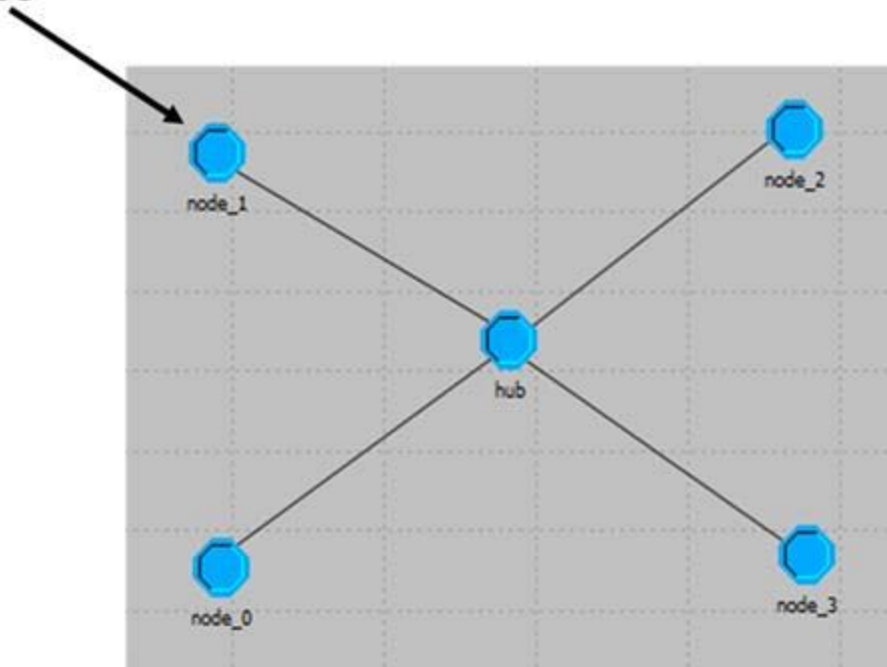
The following graphs could be plotted from the OPNET simulation running to read input and output packet transfer for various nodes



Problem Statement 2:

Using OPNET create Star topology among a set of N computer nodes out of which one node is source and the rest are sink nodes. Model the traffic of source and sink nodes individually and demonstrate the packet transfer between them using Ethcoax (Ethernet using coaxial) cables. Use network scale as the “campus” of area 1km x 1km.

Source



The following graphs could be plotted from the OPNET simulation running to read input and output packet transfer for various nodes:

