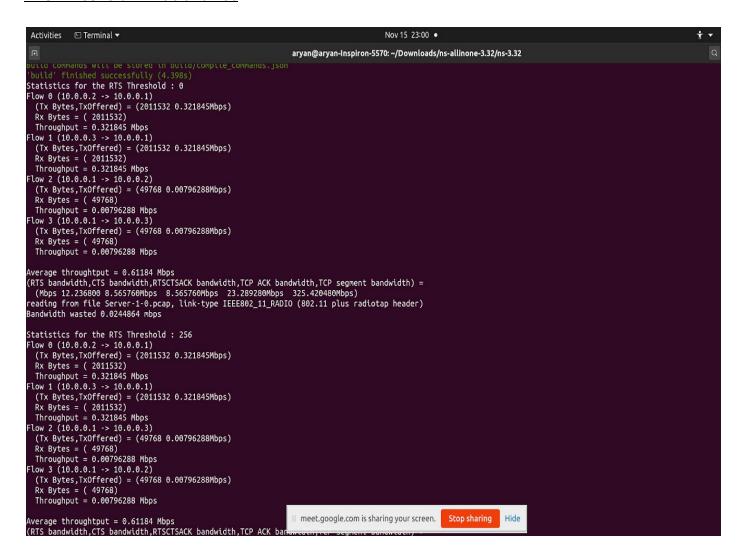
Group 78

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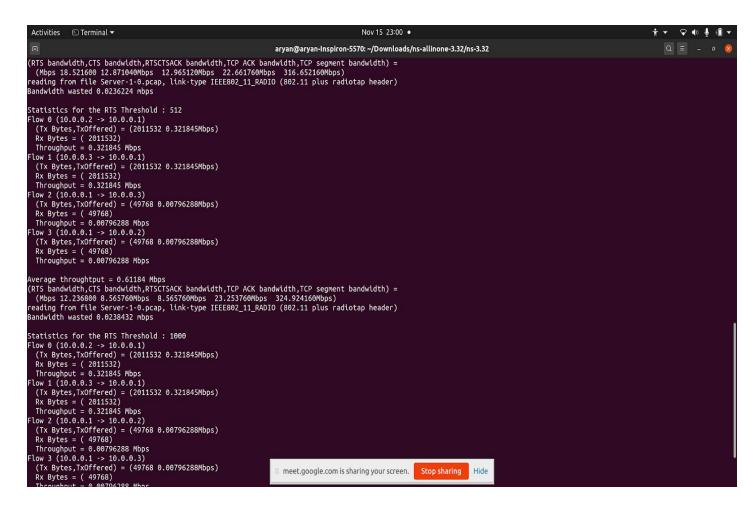
This is a report for lab assignment 4 in which an ns3 simulator is used along with script group78.cc to generate various stats and graphs.

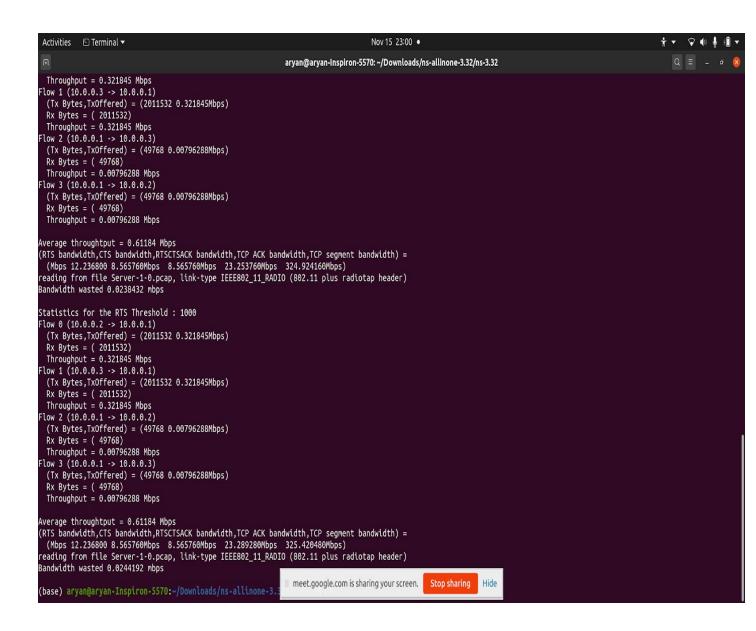
In the experiment, we created 3 nodes 1 2 3 where 1 node acts as an access point, and 2 other nodes are used to record traffic.

RTS Threshold Limit 0 and 256



RTS Threshold Limit 512 and 1000





We have attached graphs of bandwidth used for RTS, CTS, RTS & CTS ACK, TCP Segment, TCP ACK and bandwidth wasted along with the report. To analyze the TCP throughput at each node, we have printed the stats for each flow of type from node 1 to 2, node 1 to 3, node 2 to 1, node 3 to 1 for each RTS throughput limit. In each such flow, we have printed throughput in that flow. Using that, we can analyze throughput at respective nodes.