

CSE 322: Computer Network Sessional (NS3)

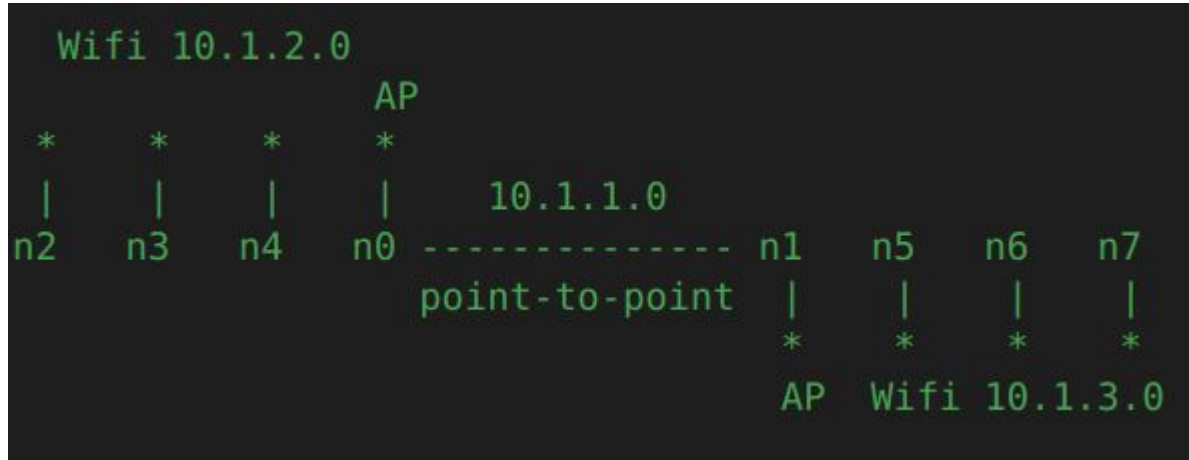
**CUBIC-FIT: A High Performance Congestion Control
Algorithm**

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Configuration

- Network: *Wireless high-rate (802.11) (static)*
- Topology Used: *Dumbbell*
- Number of Nodes: *10*
- Number of Flows: *3*2*
- Number of Network: *3*
- TCP Congestion Control: *TCP Cubic*

Topology

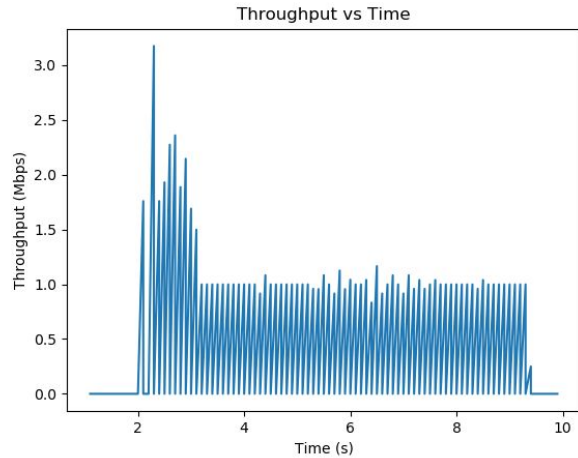


Metrics Calculated

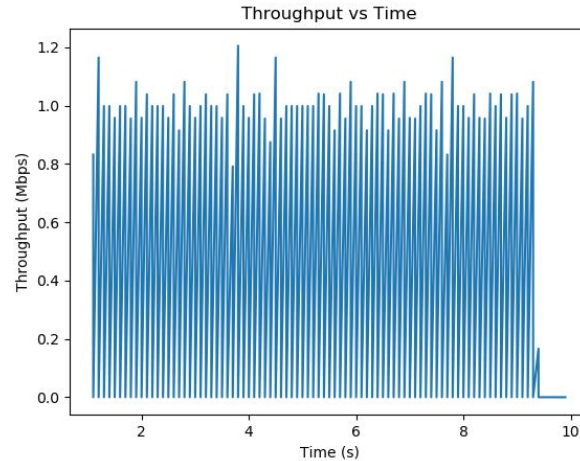
- Throughput
- Congestion Window Change

Throughput vs Time

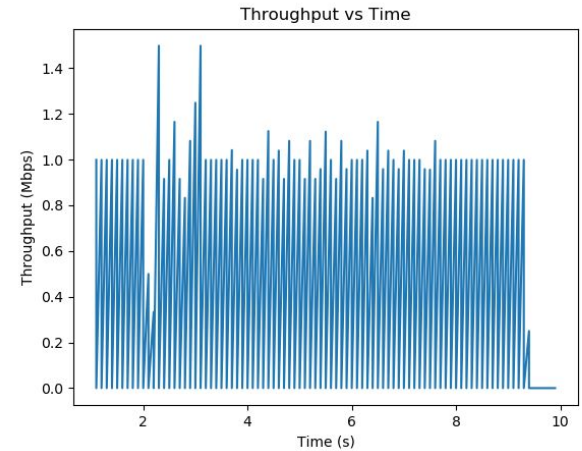
Flow 1



Flow 2

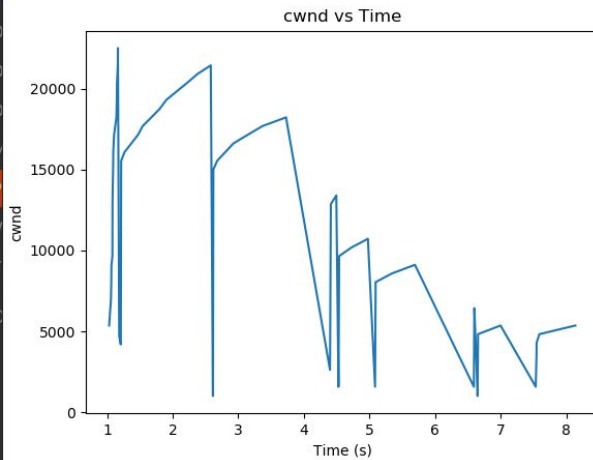


Flow 3

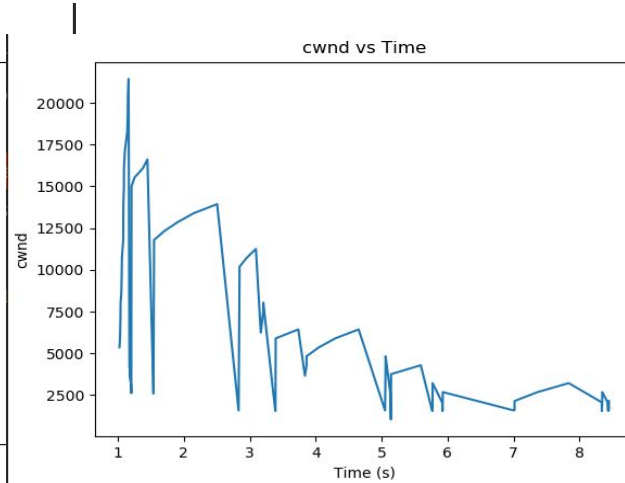


Congestion Window vs Time

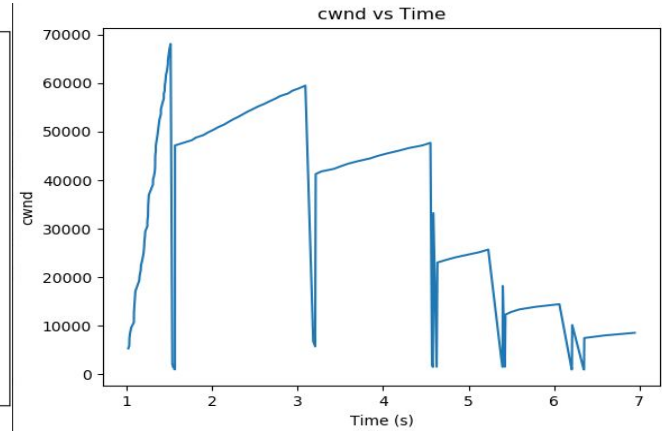
Flow 1



Flow 2



Flow 3



Problem faced

- Number of flows is not 6 for 3 flow
- Received packet is zero