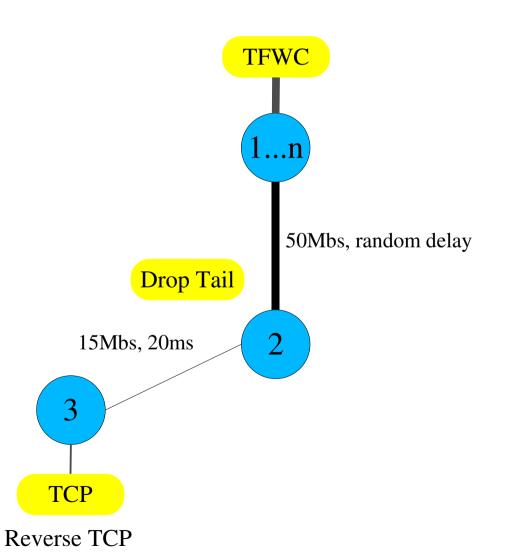
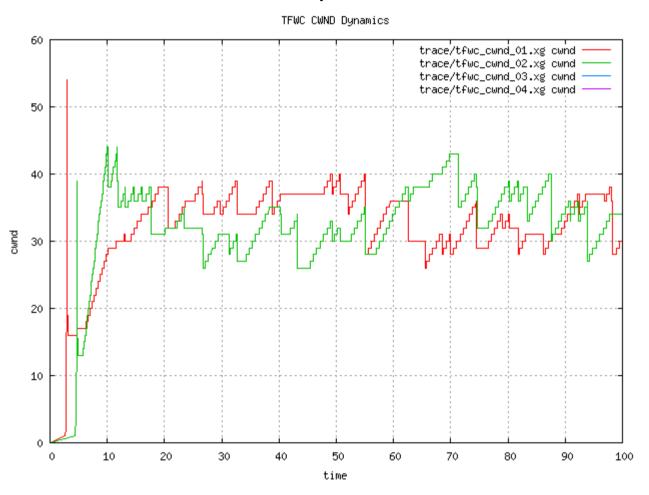
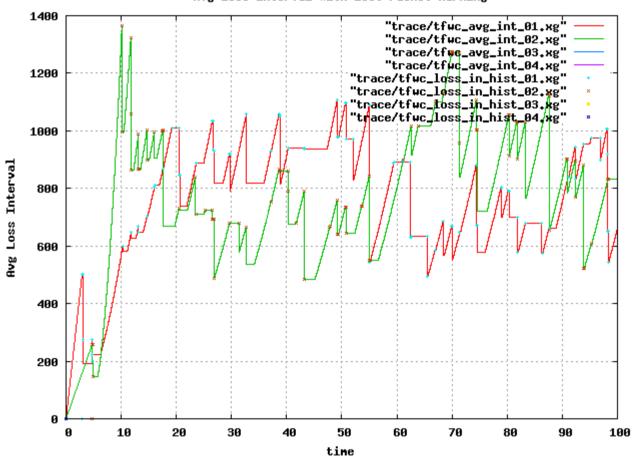
TFWCs w/ reverse TCP Sack



- Random FTP start time: 1s ~ 5s
- Random Access Link Delay: 2ms ~ 5ms
- $e2e RTT = 44ms \sim 50ms$
- Delay x Bandwidth = 20ms x 15Mb/s= 300 Kbits
- 1 packet = 1000 bytes = 8000 bits
- Delay x BW = 37.5 packets

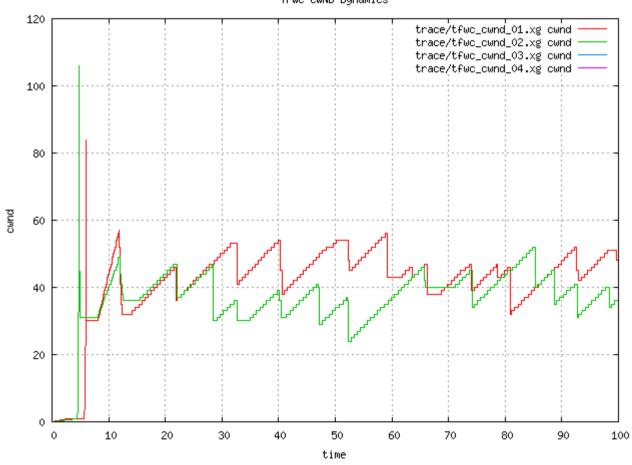
2 TFWC w/ 2 reverse TCP Bottleneck (RED) Q = 20 Simulation Time = 100 Random Seed Number = 177

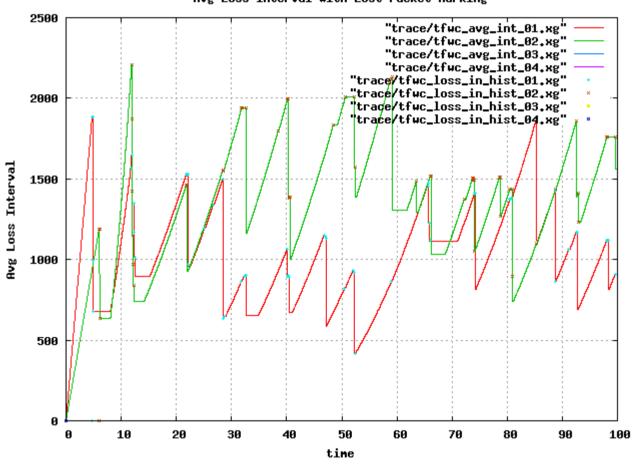




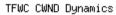
2 TFWC w/ 2 reverse TCP Bottleneck (RED) Q = 40 Simulation Time = 100 Random Seed Number = 177

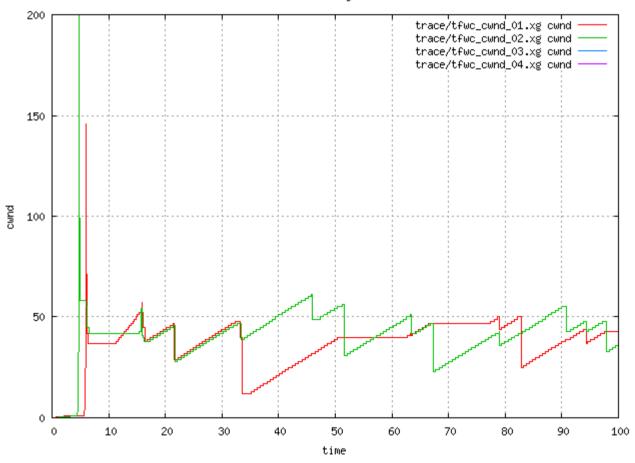


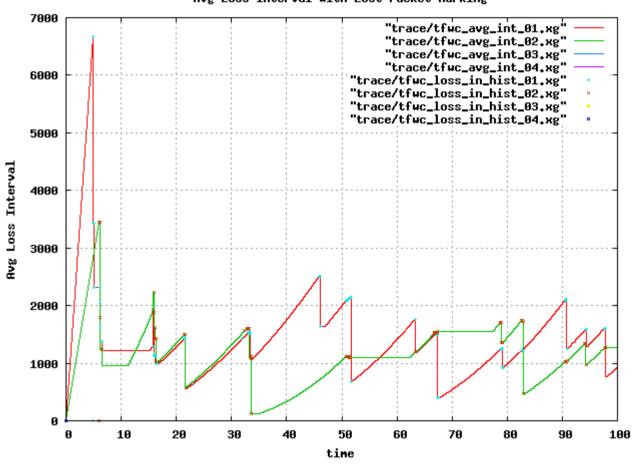




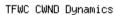
2 TFWC w/ 2 reverse TCP Bottleneck (RED) Q = 80 Simulation Time = 100 Random Seed Number = 177

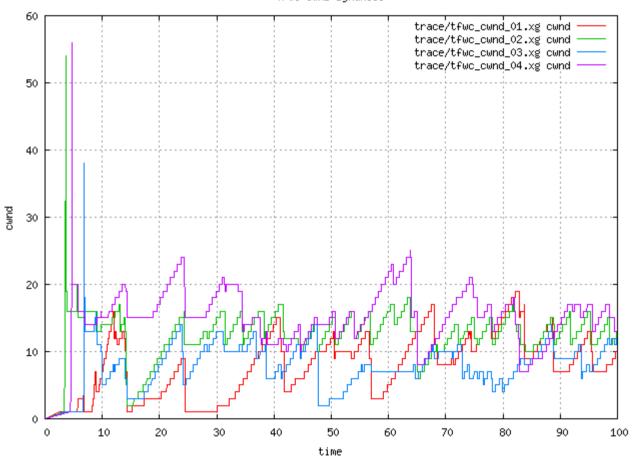


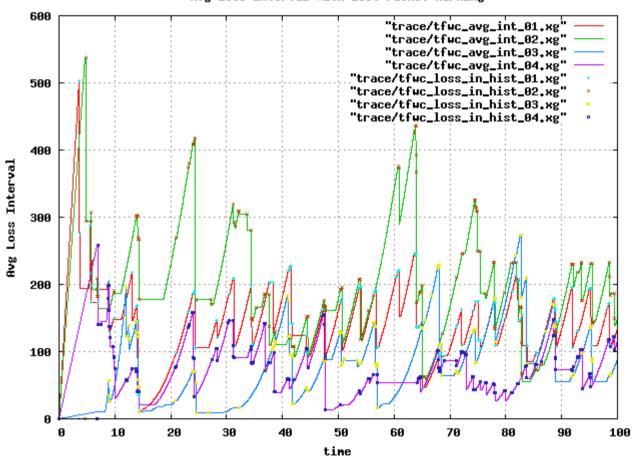




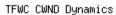
4 TFWC w/ 4 reverse TCP Bottleneck (RED) Q = 20 Simulation Time = 100 Random Seed Number = 177

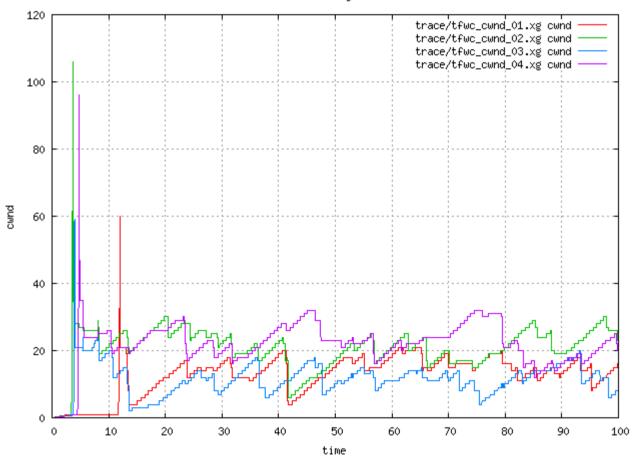


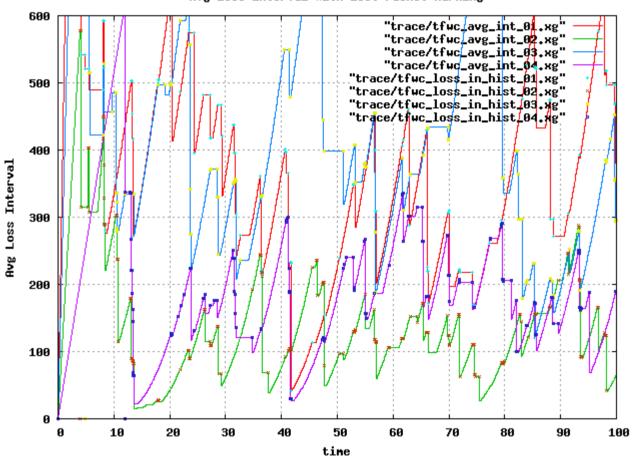




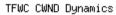
4 TFWC w/ 4 reverse TCP
Bottleneck (RED) Q = 40
Simulation Time = 100
Random Seed Number = 177

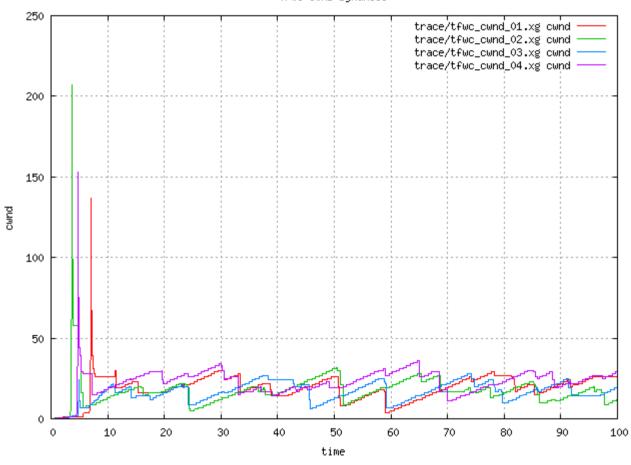


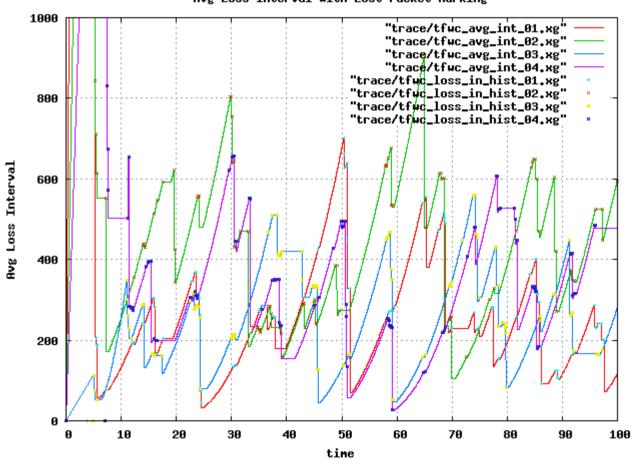




4 TFWC w/ 4 reverse TCP
Bottleneck (RED) Q = 80
Simulation Time = 100
Random Seed Number = 177

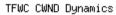


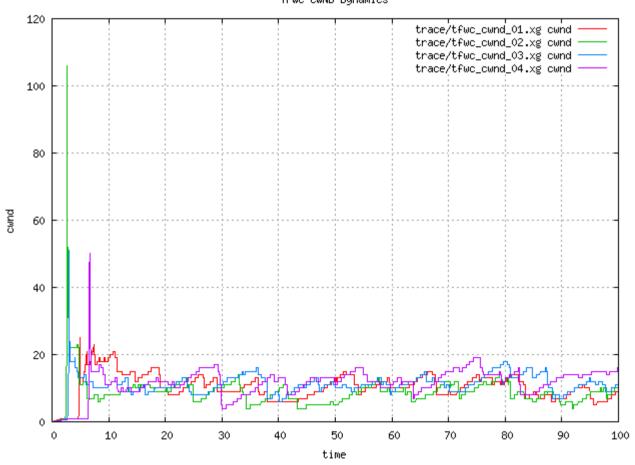


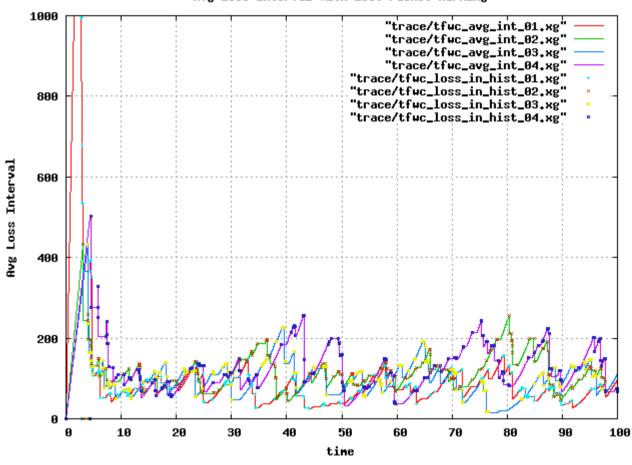


8 TFWC w/ 8 reverse TCP
Bottleneck (RED) Q = 40
Simulation Time = 100
Random Seed Number = 177

(draw only for the first four traffic sources)







16 TFWC w/ 16 reverse TCP Bottleneck (RED) Q = 40 Simulation Time = 100 Random Seed Number = 177

(draw only for the first four traffic sources)

TFWC CWND Dynamics

