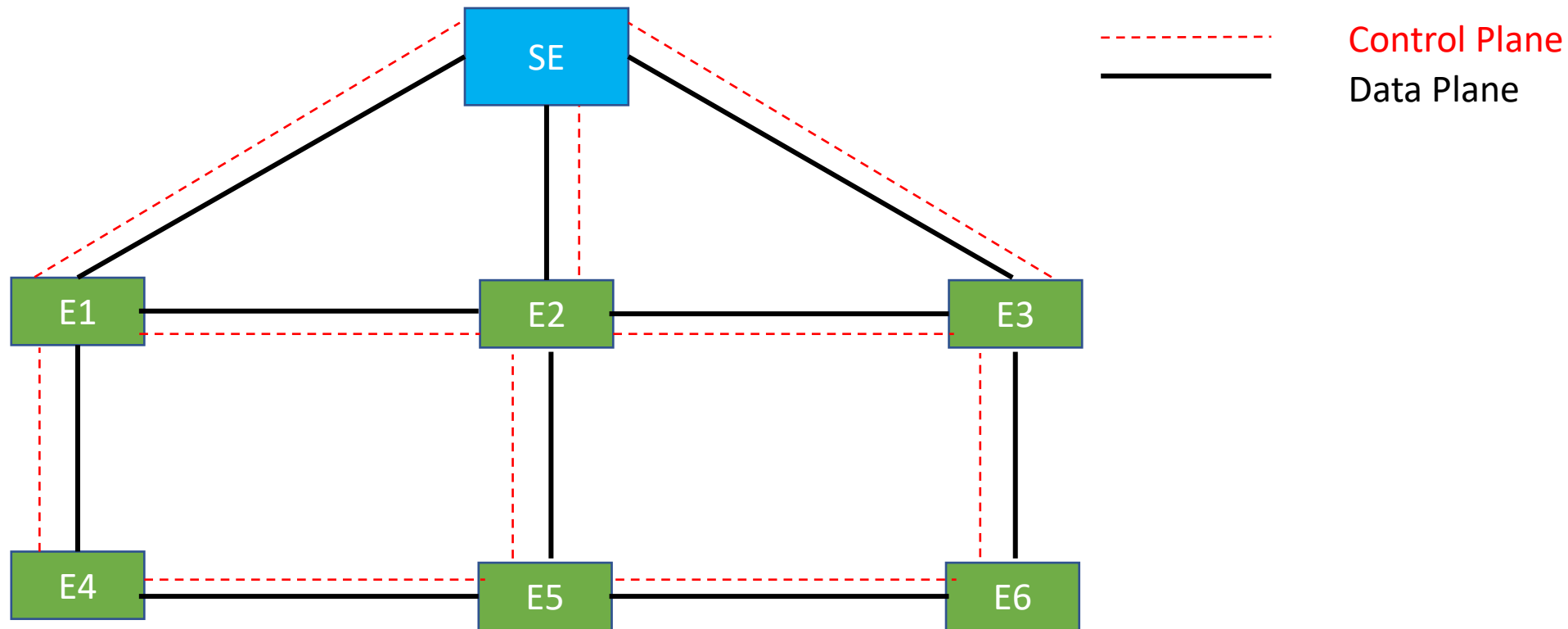


CPU Utilization Experiments

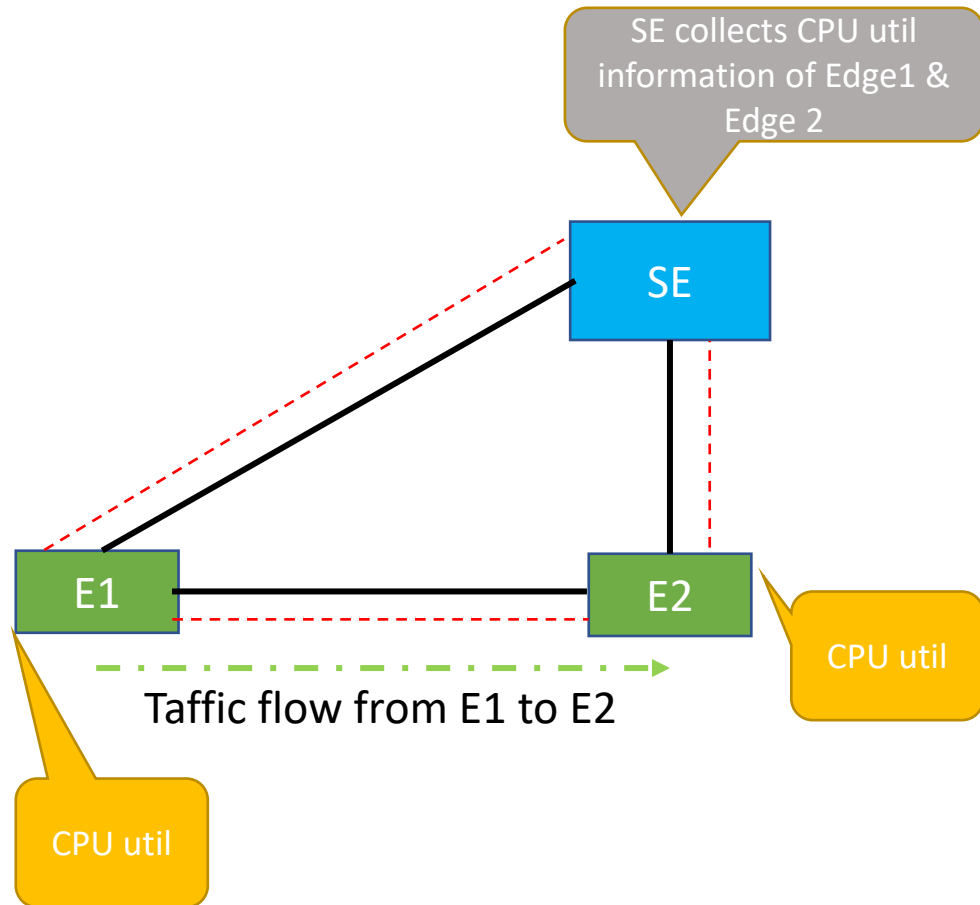
ART

Sept 25, 2021

Full Topology

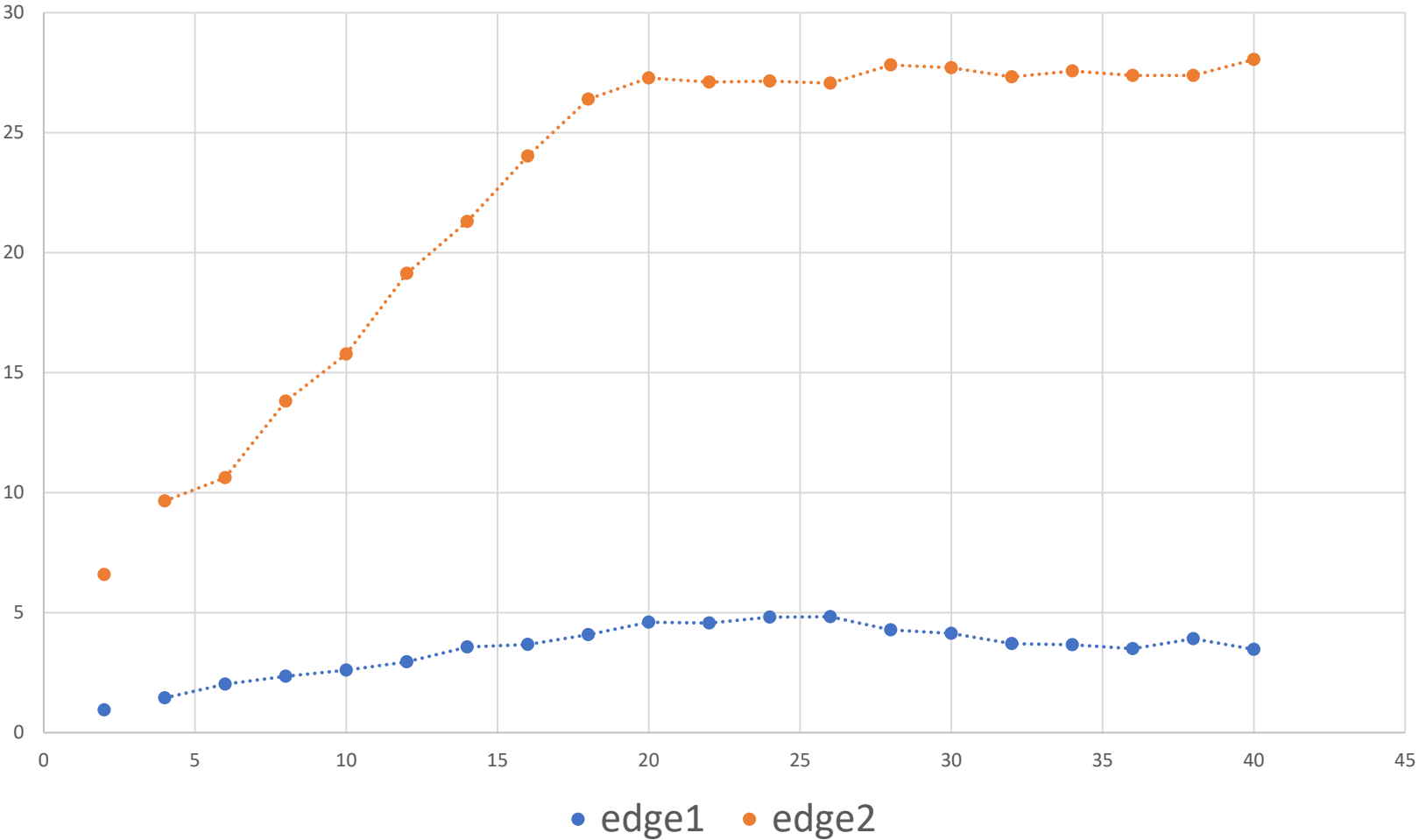


Experiment 1

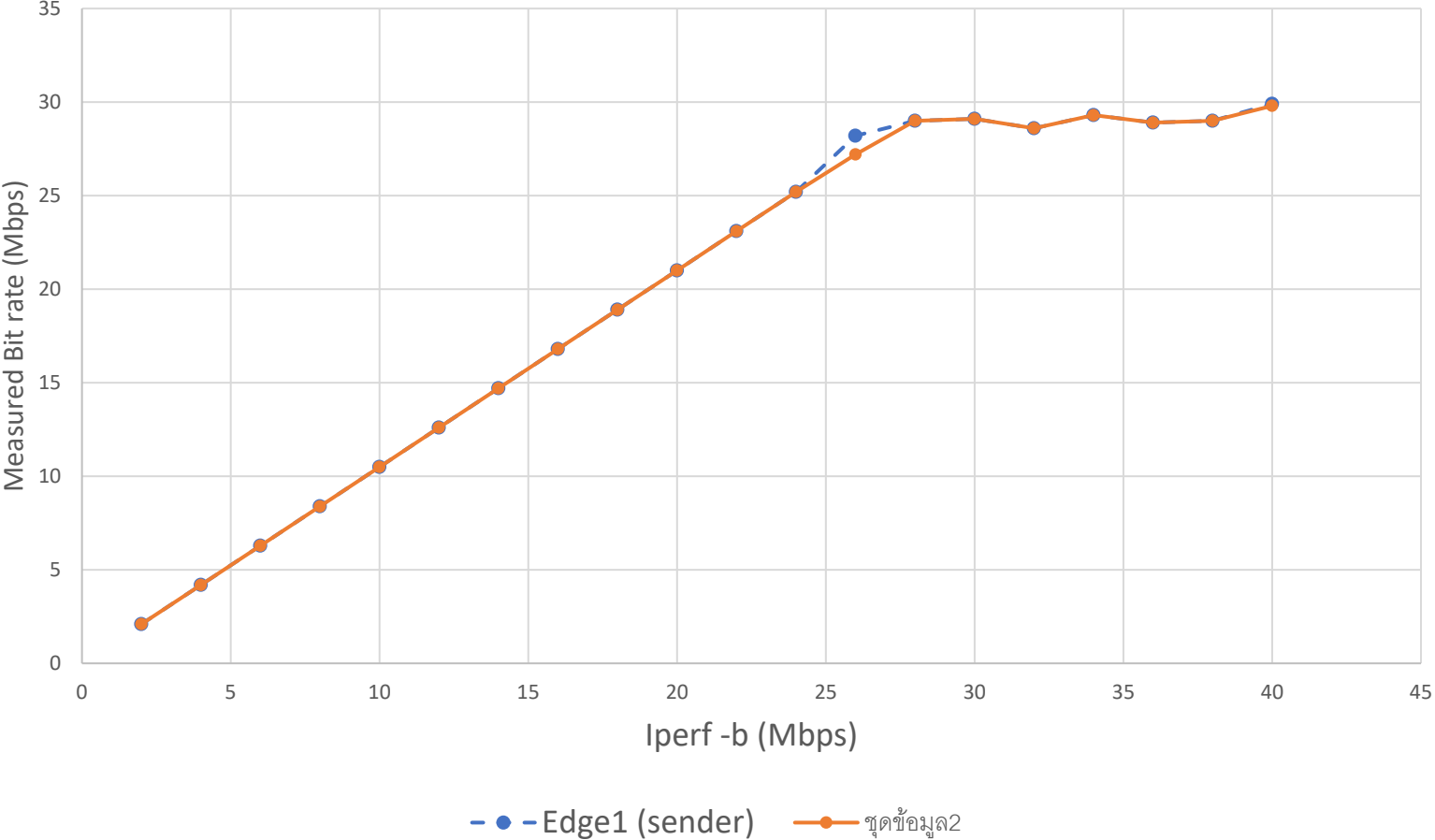


- Packets are sent by iperf2 UDP
- Streaming % CPU info 60 sec for every bitrate
- Traffic load = [2,4,6,...,40] Mbits/s

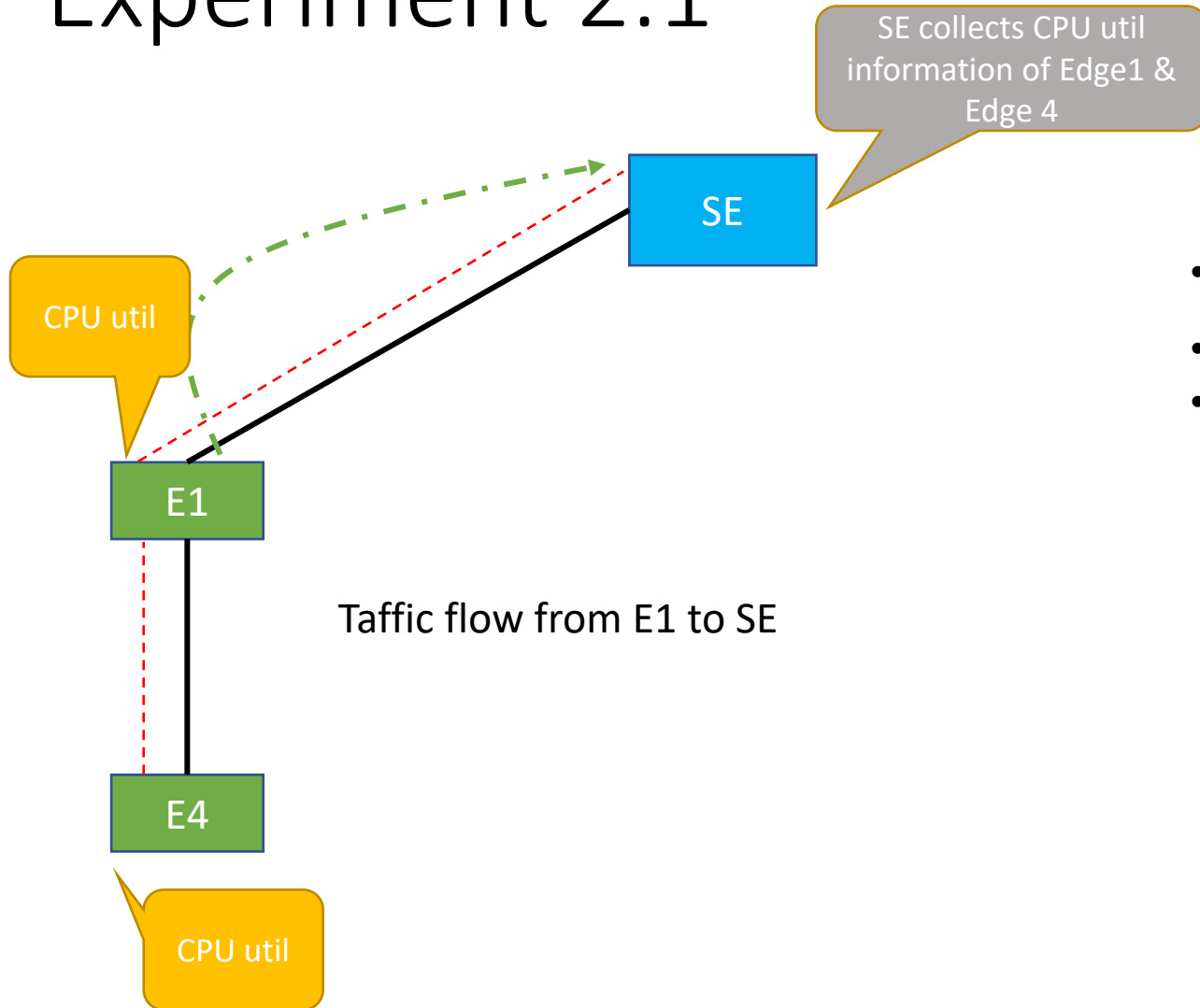
Experiment1 CPU



Experiment1 Bit rate

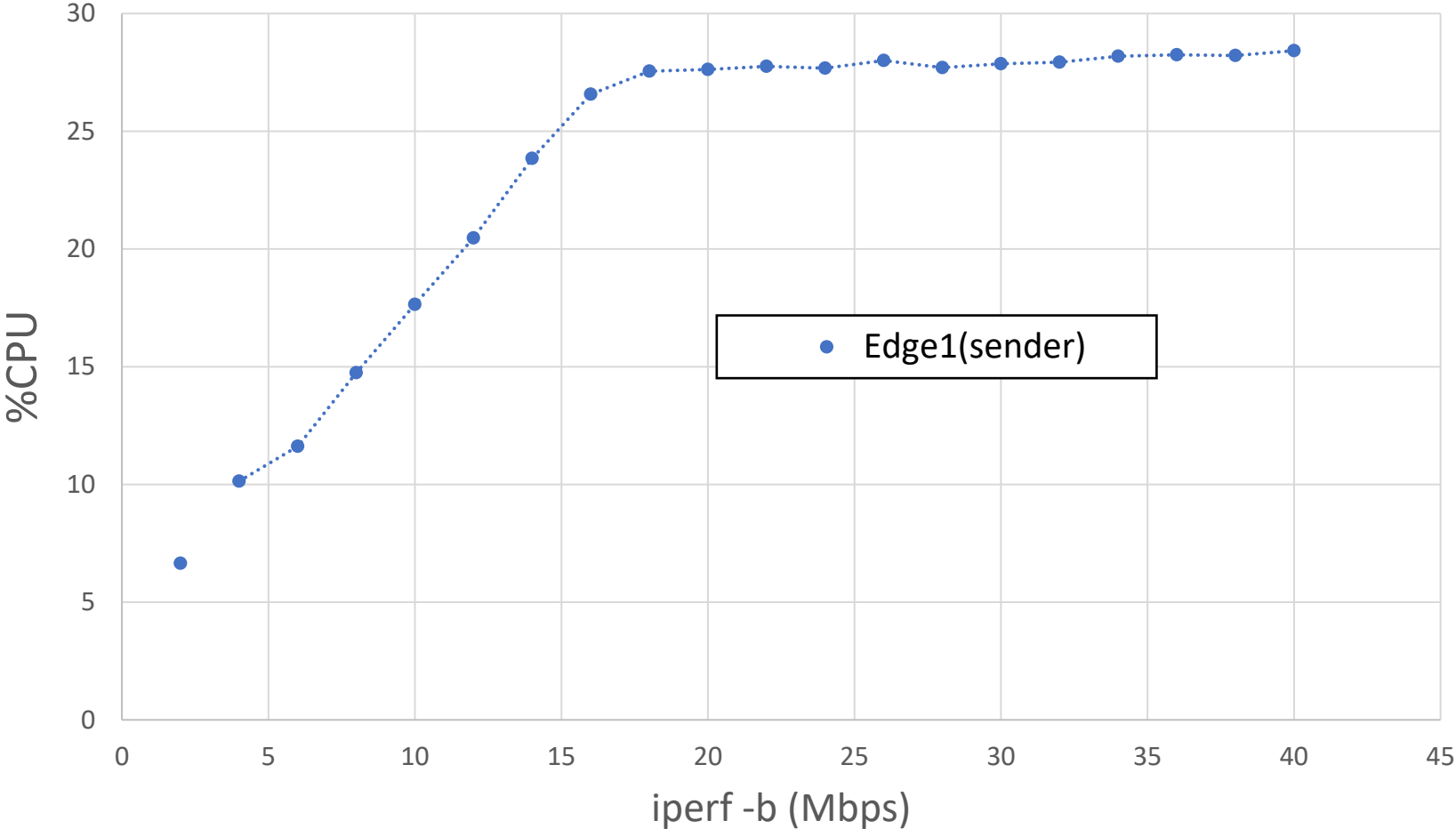


Experiment 2.1

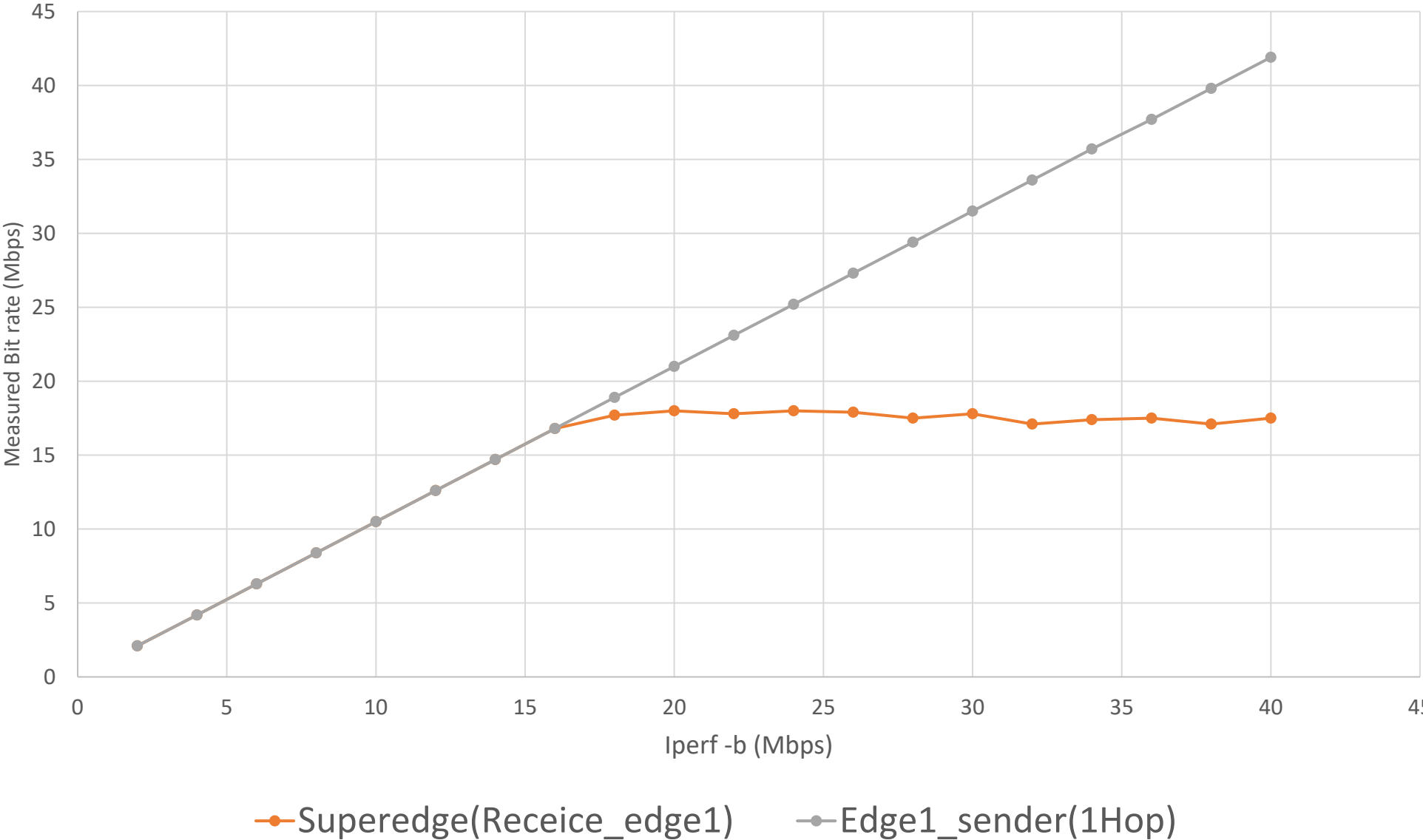


- Packets are sent by iperf2 UPD
- Streaming % CPU info 60 sec for every bitrate
- Traffic load from E4 to SE = [2,4,6,...,40] Mbits/s

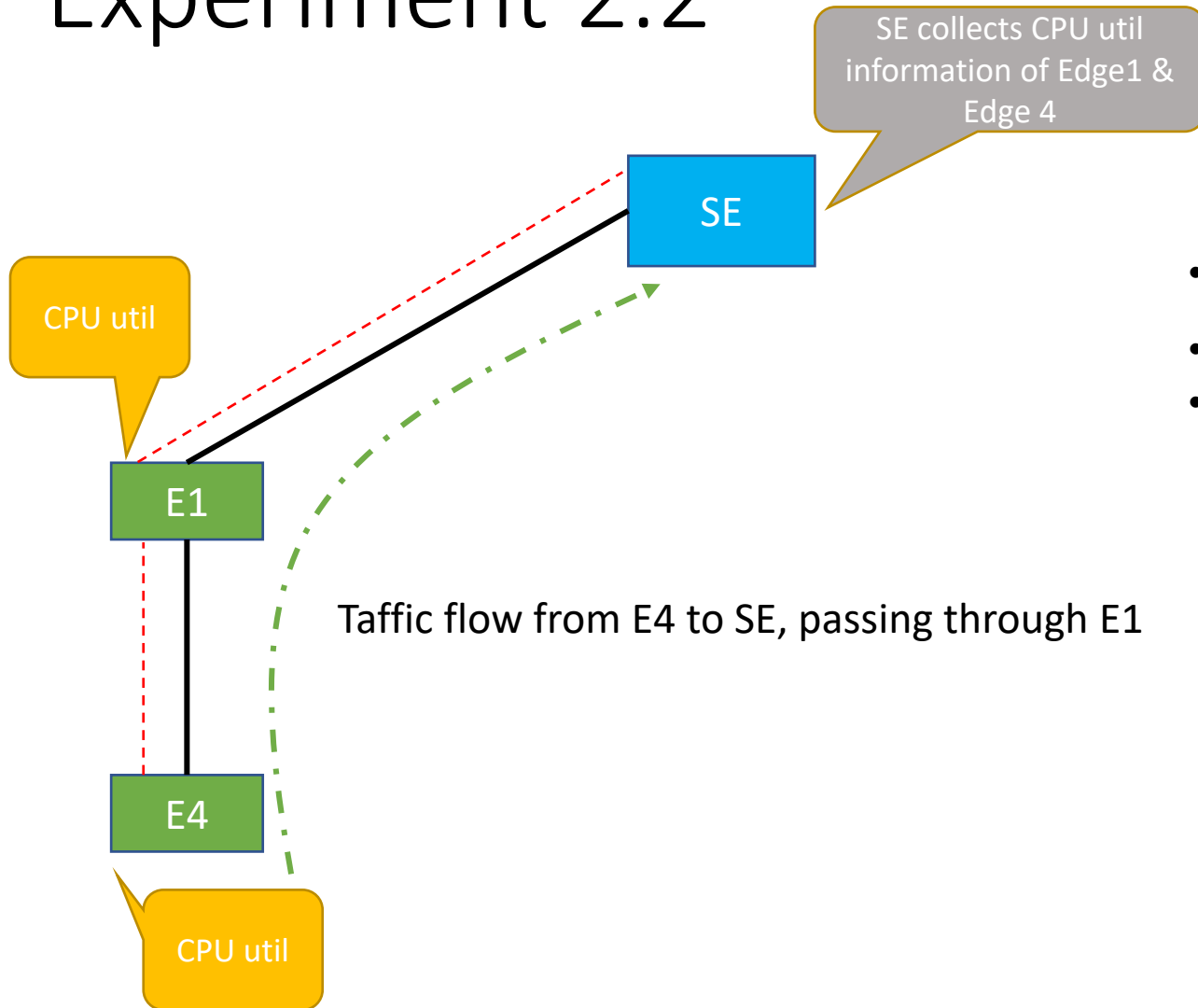
Experiment2.1 %CPU (1hop)



Experiment2.1 Bit rate

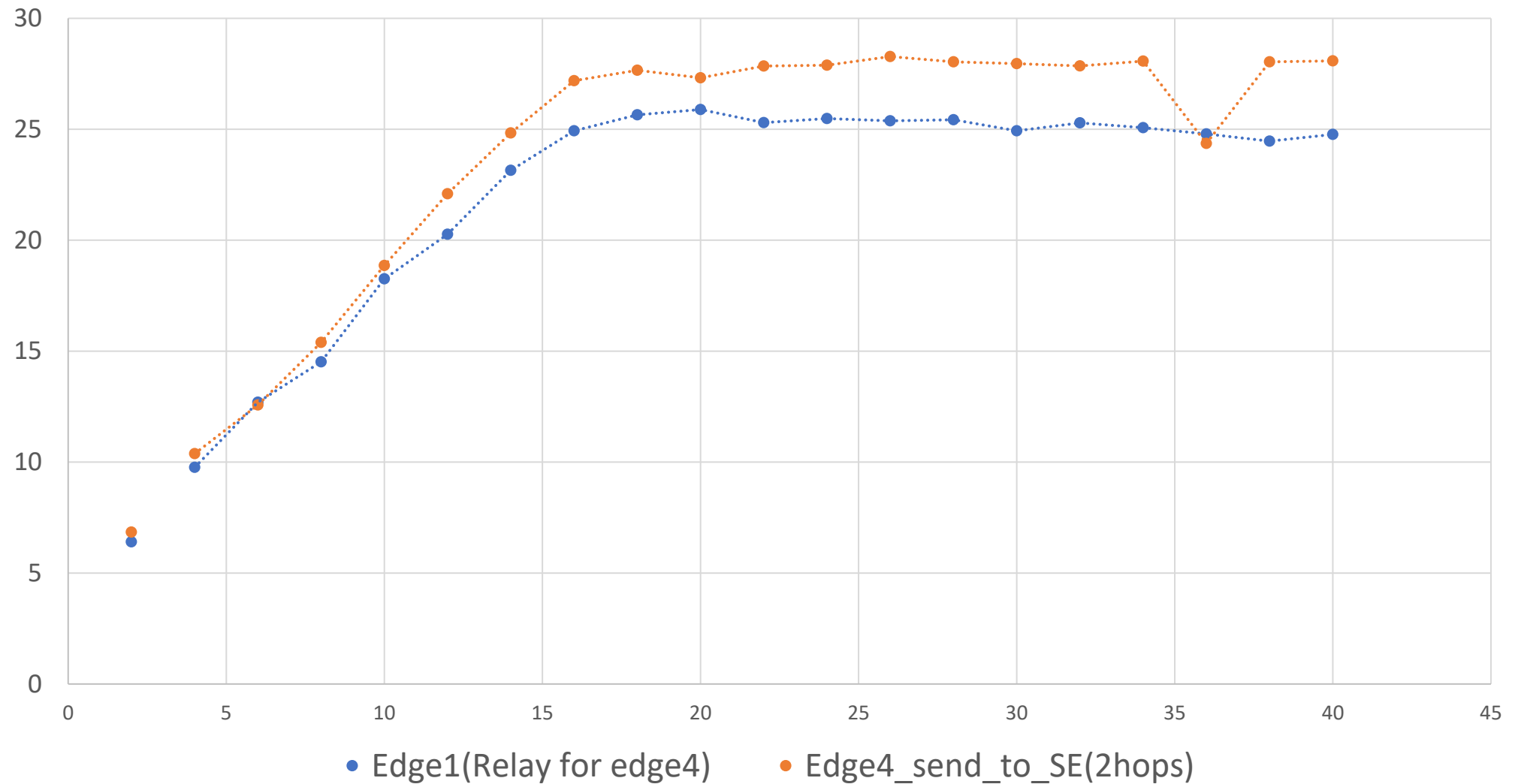


Experiment 2.2

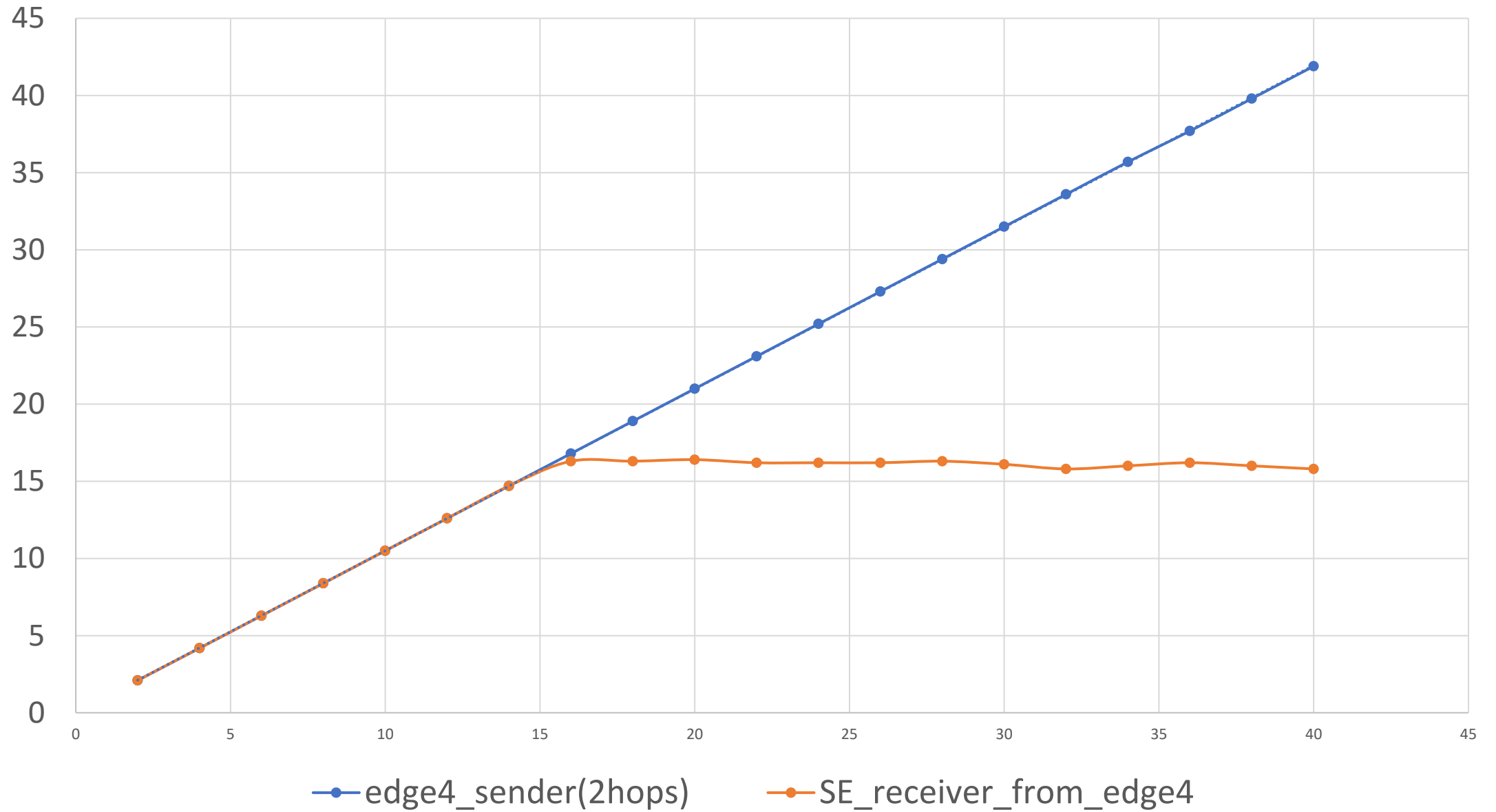


- Packets are sent by iperf2 UDP
- Streaming % CPU info 60 sec for every bitrate
- Traffic load from E4 to SE = [2,4,6,...,40] Mbits/s

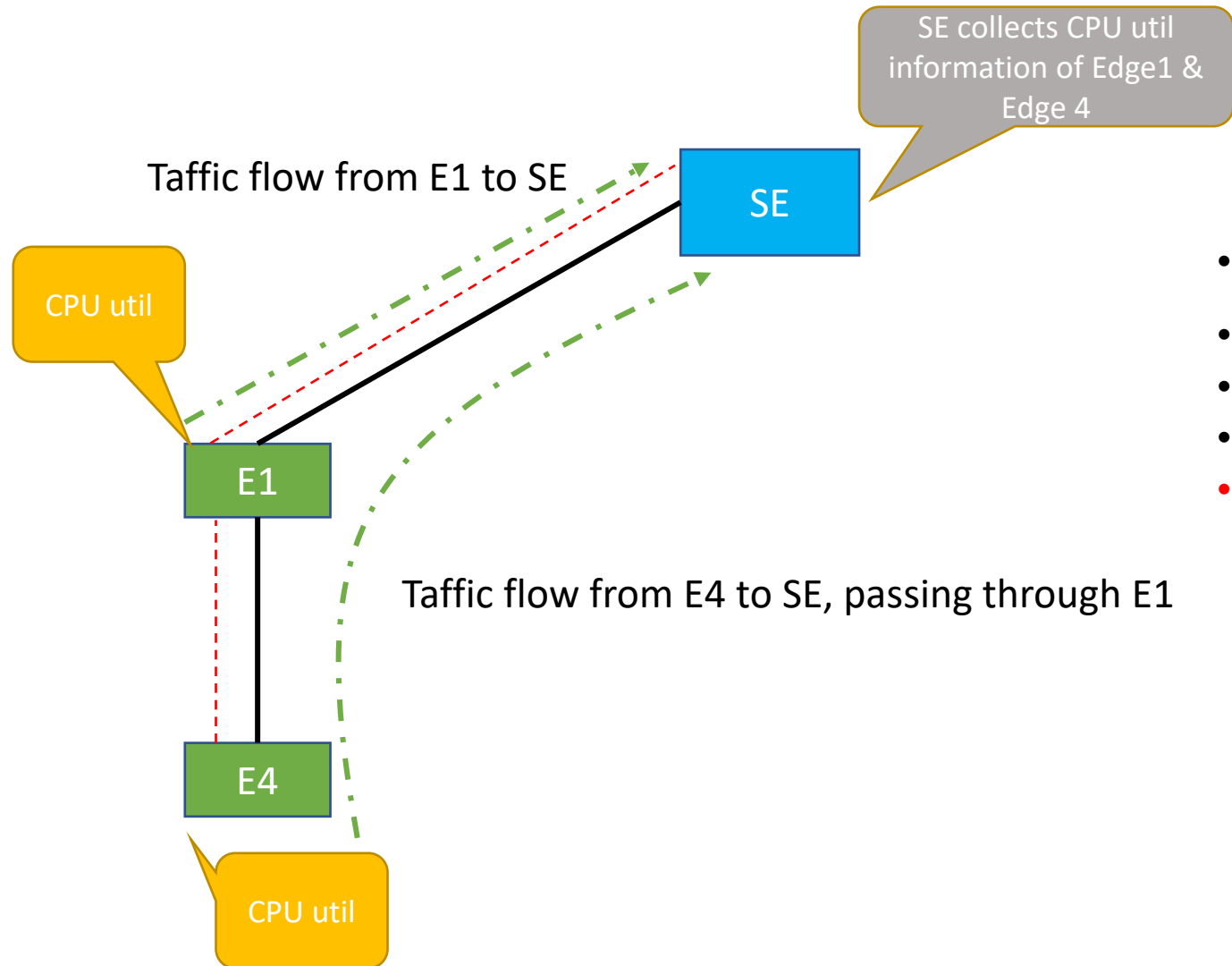
Experiment 2.2 %CPU (2hops)



Experiment2.2 birate

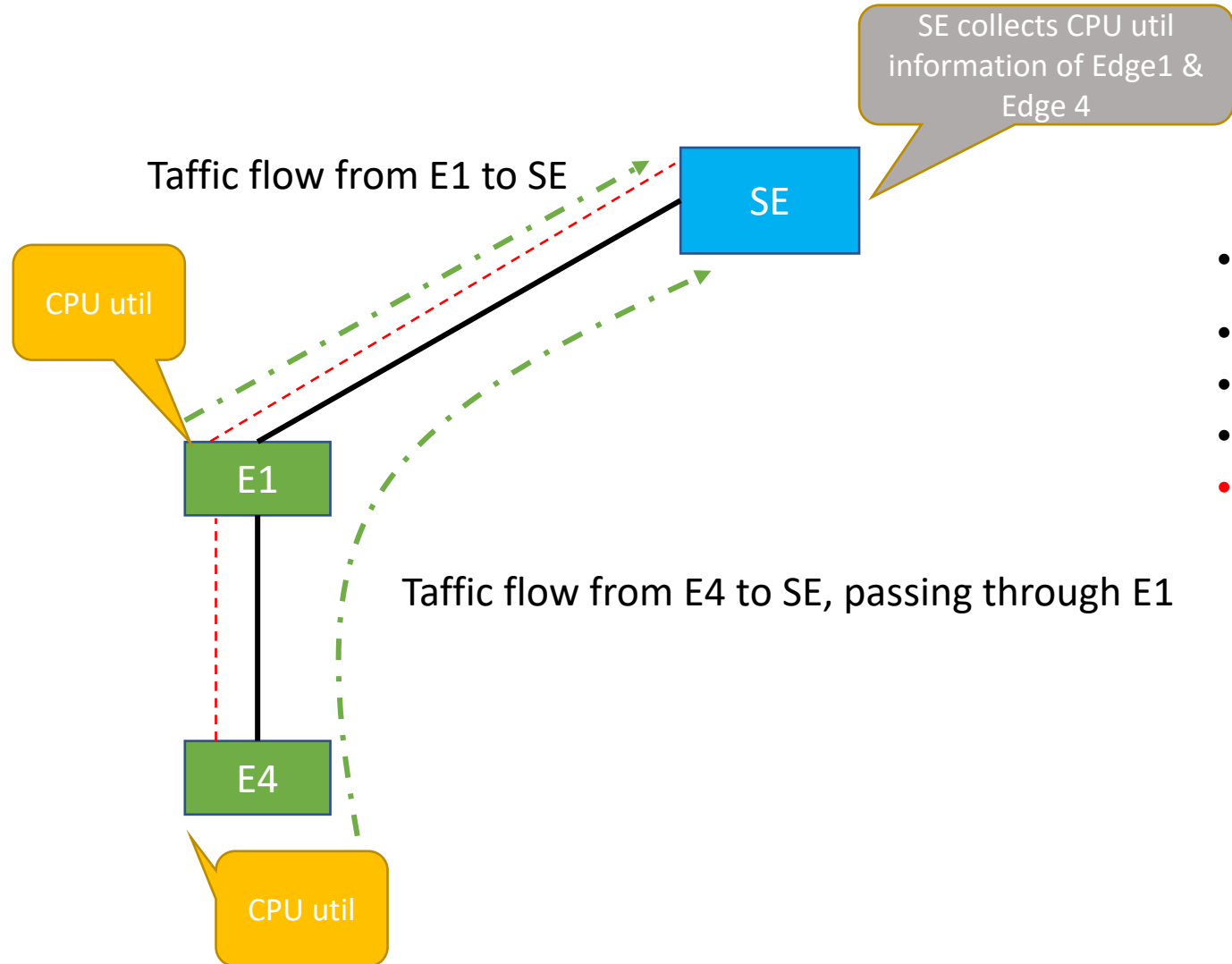


Experiment 2.3



- Packets are sent by iperf2 UPD
- Streaming % CPU info 60 sec for every bitrate
- Traffic load E4 to SE = [2,4,6,...,40] Mbits/s
- Traffic load E1 to SE = 2 Mbits/s
- Record the separated PID ID of CPU utilization of E1

Experiment 2.4



- Packets are sent by iperf2 UPD
- Streaming % CPU info 60 sec for every bitrate
- Traffic load E1 to SE = [2,4,6,...,40] Mbits/s
- Traffic load E4 to SE = 2 Mbits/s
- Record the separated PID ID of CPU utilization of E1