

the network stack

λ_{pktgen}

λ_{xmit}

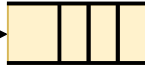


the qdisc

NIC tx buffers
driver + hardware

λ_{NIC}

λ_{xmit}



enter kernel
to send pkt

measurable time

returns to
userspace

? time

kernel scheduler
forwards pkt

? time

batched update
xmit success / fail

? time

kernel scheduler
frees handled pkts

