

```
root@MininetNew:/home/mininet/custom Q = - D X

root@MininetNew:/home/pox root@MininetNew:/home/mininet/cus... X 

**** Ping: testing ping reachability
h1 -> h2 h3 h4 h5 h6
h2 -> h1 h3 h4 h5 h6
h3 -> h1 h2 h3 h5 h6
h5 -> h1 h2 h3 h4 h5
h6
h5 -> h1 h2 h3 h4 h5

*** Results: 0% dropped (30/30 received)
mininet> net
h1 h1-eth0:s1-eth1
h2 h2-eth0:s1-eth2 h2-eth1:s2-eth3 h2-eth2:s3-eth1
h3 h3-eth0:s2-eth1
h4 h4-eth0:s2-eth2
h5 h5-eth0:s3-eth2
h6 h6-eth0:s3-eth3
s1 lo: s1-eth1:h1-eth0 s1-eth2:h2-eth0 s1-eth3:s2-eth4
s2 lo: s2-eth1:h3-eth0 s2-eth2:h4-eth0 s2-eth3:h2-eth1 s2-eth4:s1-eth3 s2-eth5:
s3-eth4
s3 lo: s3-eth1:h2-eth2 s3-eth2:h5-eth0 s3-eth3:h6-eth0 s3-eth4:s2-eth5
c0
mininet>
```

Q1

```
    You can paste the image from the clipboard.

  \Box
                            root@Mininett
   root@MininetNew: /h...
                                  vboxuser@MininetNe... ×
                                                                 vboxuser@MininetNe...
Testing network connectivity
*** Ping: testing ping reachability
h1 -> h2 h3 h4 h5 h6
   -> h1 h3 h4 h5 h6
h2
   -> h1 h2 h4 h5 h6
h3
    -> h1 h2 h3 h5 h6
h4
h5
   -> h1 h2 h3 h4 h6
   -> h1 h2 h3 h4 h5
h6
*** Results: 0% dropped (30/30 received)
Testing bandwidth between h1 and h6
*** h1 : ('tcpdump -i h1-eth0 -w /tmp/h1_capture.pcap &',)
[1] 41476

*** Iperf: testing TCP bandwidth between h1 and h6

.*** Results: ['9.3 Mbits/sec', '9.3 Mbits/sec']

*** Stopping 1 controllers
c0
*** Stopping 10 links
*** Stopping 3 switches
s1 s2 s3
*** Stopping 6 hosts
h1 h2 h3 h4 h5 h6
root@MininetNew:/home/mininet/custom#
```

Q2

Congestion Window Plot

