

```

mininet@mininet-vm:~$ sudo python ~/461_mininet/topos/part3.py
Unable to contact the remote controller at 127.0.0.1:6653
mininet> pingall
*** Ping: testing ping reachability
h10 -> h20 h30 X serv1
h20 -> h10 h30 X serv1
h30 -> h10 h20 X serv1
hnotrust1 -> X X X X
serv1 -> h10 h20 h30 X
*** Results: 40% dropped (12/20 received)
mininet>

```

```

mininet@mininet-vm:~$ sudo python ~/461_mininet/topos/part3.py
Unable to contact the remote controller at 127.0.0.1:6653
mininet> iperf hnotrust1 h10
*** Iperf: testing TCP bandwidth between hnotrust1 and h10
*** Results: ['26.8 Gbits/sec', '26.9 Gbits/sec']
mininet> iperf h10 serv1
*** Iperf: testing TCP bandwidth between h10 and serv1
*** Results: ['22.3 Gbits/sec', '22.3 Gbits/sec']
mininet>

```

```

mininet@mininet-vm:~$ clear
mininet@mininet-vm:~$ sudo python ~/461_mininet/topos/part3.py
Unable to contact the remote controller at 127.0.0.1:6653
mininet> dpctl dump-flows
*** cores21 -----
NXST_FLOW reply (xid=0x4):
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, arp,arp_tpa=172.16.10.100 actions=output:5
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, arp,arp_tpa=10.0.4.10 actions=output:4
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, ip,nw_dst=10.0.4.10 actions=output:4
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, arp,arp_tpa=10.0.2.20 actions=output:2
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, ip,nw_dst=10.0.2.20 actions=output:2
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, ip,nw_dst=10.0.1.10 actions=output:1
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, ip,nw_dst=172.16.10.100 actions=output:5
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, arp,arp_tpa=10.0.1.10 actions=output:1
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, arp,arp_tpa=10.0.3.30 actions=output:3
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, ip,nw_dst=10.0.3.30 actions=output:3
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, icmp,nw_src=172.16.10.100 actions=drop
  cookie=0x0, duration=3.528s, table=0, n_packets=0, n_bytes=0, idle_age=3, ip,nw_src=172.16.10.100,nw_dst=10.0.4.10 actions=drop
*** dcs31 -----
NXST_FLOW reply (xid=0x4):
  cookie=0x0, duration=3.507s, table=0, n_packets=0, n_bytes=0, idle_age=3, actions=FLOOD
*** s1 -----
NXST_FLOW reply (xid=0x4):
  cookie=0x0, duration=3.511s, table=0, n_packets=0, n_bytes=0, idle_age=3, actions=FLOOD
*** s2 -----
NXST_FLOW reply (xid=0x4):
  cookie=0x0, duration=3.514s, table=0, n_packets=0, n_bytes=0, idle_age=3, actions=FLOOD
*** s3 -----
NXST_FLOW reply (xid=0x4):
  cookie=0x0, duration=3.517s, table=0, n_packets=0, n_bytes=0, idle_age=3, actions=FLOOD
mininet>

```