```
mininet> dpctl dump-flows
*** cores21 ------------------------------------------------------------------
 cookie=0x0, duration=528.819s, table=0, n_packets=4, n_bytes=392, ip,nw_src=172.16.10.100,nw_d
st=10.0.4.10 actions=drop
 cookie=0x0, duration=528.778s, table=0, n_packets=9, n_bytes=882, icmp,nw_src=172.16.10.100 ac
tions=drop
 cookie=0x0, duration=348.529s, table=0, n_packets=683526, n_bytes=45112752, ip,nw_dst=172.16.1
0.100 actions=mod_dl_dst:00:00:00:00:00:05,output:"cores21-eth5"
 cookie=0x0, duration=348.529s, table=0, n_packets=1, n_bytes=98, ip,nw_dst=10.0.3.30 actions=m
od_dl_dst:00:00:00:00:00:03,output:"cores21-eth3"
 cookie=0x0, duration=308.337s, table=0, n_packets=0, n_bytes=0, ip,nw_dst=10.0.2.20 actions=mo
d_dl_dst:00:00:00:00:00:02,output:"cores21-eth2"
 cookie=0x0, duration=308.337s, table=0, n_packets=1319330, n_bytes=29973457900, ip,nw_dst=10.0
.1.10 actions=mod_dl_dst:00:00:00:00:00:01,output:"cores21-eth1"
 cookie=0x0, duration=32.882s, table=0, n_packets=18076, n_bytes=790836656, ip,nw_dst=10.0.4.10
 actions=mod_dl_dst:00:00:00:00:00:04,output:"cores21-eth4"
*** dcs31 --------------------------------------------------------------------
 cookie=0x0, duration=528.821s, table=0, n_packets=1270986, n_bytes=27852930812, actions=FLOOD
*** s1 -----------------------------------------------------------------------
 cookie=0x0, duration=528.830s, table=0, n_packets=2638468, n_bytes=57829566776, actions=FLOOD
*** s2 -----------------------------------------------------------------------
 cookie=0x0, duration=528.829s, table=0, n_packets=52, n_bytes=4204, actions=FLOOD
*** s3 -----------------------------------------------------------------------
 cookie=0x0, duration=528.835s, table=0, n_packets=50, n_bytes=4076, actions=FLOOD
```

```
ubuntu@mininet:~$ sudo python3 cse461_23au/project2/part4/part4.py
Unable to contact the remote controller at 127.0.0.1:6653
mininet> pingall
*** Ping: testing ping reachability
h10 -> X X X X
h20 -> h10 X X X
h30 -> h10 h20 X X
hnotrust1 -> X X X X
serv1 -> h10 h20 h30 X
*** Results: 70% dropped (6/20 received)
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> iperf hnotrust1 h10
*** Iperf: testing TCP bandwidth between hnotrust1 and h10
*** Results: ['47.7 Gbits/sec', '47.8 Gbits/sec']
mininet> iperf h10 serv1
*** Iperf: testing TCP bandwidth between h10 and serv1
*** Results: ['44.4 Gbits/sec', '44.4 Gbits/sec']
```