

Part 4 Screen Shots

Pingall

```
mininet> pingall
*** Ping: testing ping reachability
h10 -> X X X X
h20 -> X X X X
h30 -> X h20 X X
hnotrust1 -> X X X X
serv1 -> X h20 h30 X
*** Results: 85% dropped (3/20 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)
```

iperf

```
mininet> iperf hnotrust1 h10
*** Iperf: testing TCP bandwidth between hnotrust1 and h10
*** Results: ['83.7 Gbits/sec', '83.6 Gbits/sec']
mininet> iperf h10 serv1
*** Iperf: testing TCP bandwidth between h10 and serv1
*** Results: ['79.5 Gbits/sec', '79.3 Gbits/sec']
```

dpctl dump-flows

```

mininet> dpctl dump-flows
*** cores21
cookie=0x0, duration=449.354s, table=0, n_packets=3, n_bytes=294, priority=2,icmp,nw_src=172.16.10.100,nw_dst=10.0.1.10 actions=drop
cookie=0x0, duration=449.354s, table=0, n_packets=3, n_bytes=294, priority=2,icmp,nw_src=172.16.10.100,nw_dst=10.0.2.20 actions=drop
cookie=0x0, duration=449.354s, table=0, n_packets=3, n_bytes=294, priority=2,icmp,nw_src=172.16.10.100,nw_dst=10.0.3.30 actions=drop
cookie=0x0, duration=449.354s, table=0, n_packets=4, n_bytes=392, priority=2,icmp,nw_src=172.16.10.100,nw_dst=10.0.4.10 actions=drop
cookie=0x0, duration=449.354s, table=0, n_packets=0, n_bytes=0, priority=2,ip,nw_src=172.16.10.100,nw_dst=10.0.4.10 actions=drop
cookie=0x0, duration=449.354s, table=0, n_packets=0, n_bytes=0, priority=1,ip,nw_dst=10.0.1.0 actions=output:"cores21-eth1"
cookie=0x0, duration=449.354s, table=0, n_packets=0, n_bytes=0, priority=1,ip,nw_dst=10.0.2.0 actions=output:"cores21-eth2"
cookie=0x0, duration=449.354s, table=0, n_packets=0, n_bytes=0, priority=1,ip,nw_dst=10.0.3.0 actions=output:"cores21-eth3"
cookie=0x0, duration=449.354s, table=0, n_packets=0, n_bytes=0, priority=1,ip,nw_dst=10.0.4.0 actions=output:"cores21-eth4"
cookie=0x0, duration=154.062s, table=0, n_packets=313011, n_bytes=20658802, priority=1,ip,nw_dst=172.16.10.100 actions=mod_dl_dst:00:00:00:00:00:05,output:"cores21-eth5"
cookie=0x0, duration=123.868s, table=0, n_packets=0, n_bytes=0, priority=1,ip,nw_dst=10.0.3.30 actions=mod_dl_dst:00:00:00:00:00:03,output:"cores21-eth3"
cookie=0x0, duration=123.789s, table=0, n_packets=0, n_bytes=0, priority=1,ip,nw_dst=10.0.2.20 actions=mod_dl_dst:00:00:00:00:00:02,output:"cores21-eth2"
cookie=0x0, duration=44.769s, table=0, n_packets=320837, n_bytes=1355399230, priority=1,ip,nw_dst=10.0.1.10 actions=mod_dl_dst:00:00:00:00:00:01,output:"cores21-eth1"
cookie=0x0, duration=31.182s, table=0, n_packets=14719, n_bytes=792859134, priority=1,ip,nw_dst=10.0.4.10 actions=mod_dl_dst:00:00:00:00:00:04,output:"cores21-eth4"
*** dcs31
cookie=0x0, duration=449.360s, table=0, n_packets=1215825, n_bytes=49766887934, priority=0 actions=FL000
*** s1
cookie=0x0, duration=449.366s, table=0, n_packets=2507476, n_bytes=102200065580, priority=0 actions=FL000
*** s2
cookie=0x0, duration=449.368s, table=0, n_packets=53, n_bytes=4190, priority=0 actions=FL000
*** s3
cookie=0x0, duration=449.372s, table=0, n_packets=52, n_bytes=4092, priority=0 actions=FL000

```