Part 3 pingall

```
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>
```

Part 3 iperf

```
mininet> iperf hnotrust1 h10
*** Iperf: testing TCP bandwidth between hnotrust1 and h10
*** Results: ['34.7 Gbits/sec', '34.8 Gbits/sec']
mininet> iperf h10 serv1
*** Iperf: testing TCP bandwidth between h10 and serv1
*** Results: ['33.5 Gbits/sec', '33.5 Gbits/sec']
mininet>
```

Part 3 dpctl dump-flows

```
mininet> dpctl dump-flows
*** cores21 ----------------------------------------------------------------
 cookie=0x0, duration=275.724s, table=0, n_packets=8, n_bytes=784, priority=2,icmp,nw_src=172.16.10.100 actions=drop
 cookie=0x0, duration=275.724s, table=0, n_packets=5, n_bytes=370, priority=2,ip,in_port="cores21-eth5",nw_src=172.16.10.100,nw_dst=10.0.4.10 actions=drop
 cookie=0x0, duration=275.738s, table=0, n_packets=13, n_bytes=546, priority=1,arp,arp_tpa=10.0.1.10 actions=output:"cores21-eth1"
 cookie=0x0, duration=275.738s, table=0, n_packets=957357, n_bytes=25763127698, priority=1,ip,nw_dst=10.0.1.10 actions=output:"cores21-eth1"
 cookie=0x0, duration=275.738s, table=0, n_packets=10, n_bytes=420, priority=1,arp,arp_tpa=10.0.2.20 actions=output:"cores21-eth2"
 cookie=0x0, duration=275.738s, table=0, n_packets=6, n_bytes=588, priority=1,ip,nw_dst=10.0.2.20 actions=output:"cores21-eth2"
 cookie=0x0, duration=275.725s, table=0, n_packets=10, n_bytes=420, priority=1,arp,arp_tpa=10.0.3.30 actions=output:"cores21-eth3"
 cookie=0x0, duration=275.725s, table=0, n_packets=6, n_bytes=588, priority=1,ip,nw_dst=10.0.3.30 actions=output:"cores21-eth3"
 cookie=0x0, duration=275.725s, table=0, n_packets=16, n_bytes=672, priority=1,arp,arp_tpa=10.0.4.10 actions=output:"cores21-eth4"
 cookie=0x0, duration=275.725s, table=0, n_packets=472794, n_bytes=20975068420, priority=1,ip,nw_dst=10.0.4.10 actions=output:"cores21-eth4"
 cookie=0x0, duration=275.724s, table=0, n_packets=11, n_bytes=462, priority=1,arp,arp_tpa=172.16.10.100 actions=output:"cores21-eth5"
 cookie=0x0, duration=275.724s, table=0, n_packets=424763, n_bytes=28034566, priority=1,ip,nw_dst=172.16.10.100 actions=output:"cores21-eth5"
 cookie=0x0, duration=275.738s, table=0, n_packets=0, n_bytes=0, priority=1,icmp,nw_dst=10.0.1.10 actions=output:"cores21-eth1"
 cookie=0x0, duration=275.738s, table=0, n_packets=0, n_bytes=0, priority=1,icmp,nw_dst=10.0.2.20 actions=output:"cores21-eth2"
 cookie=0x0, duration=275.725s, table=0, n_packets=0, n_bytes=0, priority=1,icmp,nw_dst=10.0.3.30 actions=output:"cores21-eth3"
 cookie=0x0, duration=275.725s, table=0, n_packets=0, n_bytes=0, priority=1,icmp,nw_dst=10.0.4.10 actions=output:"cores21-eth4"
 cookie=0x0, duration=275.724s, table=0, n_packets=0, n_bytes=0, priority=1,icmp,nw_dst=172.16.10.100 actions=output:"cores21-eth5"
*** dcs31 ------------------------------------------------------------------
 cookie=0x0, duration=275.724s, table=0, n_packets=853184, n_bytes=21000173828, actions=FLOOD
*** s1 ---------------------------------------------------------------------
 cookie=0x0, duration=275.718s, table=0, n_packets=1854955, n_bytes=46766232822, actions=FLOOD
*** s2 ---------------------------------------------------------------------
 cookie=0x0, duration=275.723s, table=0, n_packets=51, n_bytes=3454, actions=FLOOD
*** s3 ---------------------------------------------------------------------
 cookie=0x0, duration=275.740s, table=0, n_packets=52, n_bytes=3580, actions=FLOOD
```