

```

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: ['2.79 Gbits/sec', '2.79 Gbits/sec']
mininet> iperf h10 serv1
*** Iperf: testing TCP bandwidth between h10 and serv1
*** Results: ['2.42 Gbits/sec', '2.43 Gbits/sec']
mininet> dpctl dump-flows
*** cores21 -----
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 cookie=0x0, duration=583.681s, table=0, n_packets=13, n_bytes=1274, priority=2,
 icmp,nw_src=172.16.10.0/24 actions=drop
 cookie=0x0, duration=583.681s, table=0, n_packets=0, n_bytes=0, priority=2,ip,n
 w_src=172.16.10.0/24,nw_dst=10.0.4.0/24 actions=drop
 cookie=0x0, duration=579.049s, table=0, n_packets=74628, n_bytes=1746348368, pr
 iority=1,ip,nw_dst=10.0.1.10 actions=mod_dl_dst:00:00:00:00:00:01,output:"cores2
 1-eth1"
 cookie=0x0, duration=539.029s, table=0, n_packets=9, n_bytes=882, 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=508.975s, table=0, n_packets=9, n_bytes=882, 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=488.944s, table=0, n_packets=39810, n_bytes=2627624, prior
 ity=1,ip,nw_dst=172.16.10.100 actions=mod_dl_dst:00:00:00:00:00:05,output:"cores
 21-eth5"
 cookie=0x0, duration=448.928s, table=0, n_packets=34782, n_bytes=1519847532, pr
 iority=1,ip,nw_dst=10.0.4.10 actions=mod_dl_dst:00:00:00:00:00:04,output:"cores2
 1-eth4"
*** dcs31 -----
-----
 cookie=0x0, duration=583.685s, table=0, n_packets=69588, n_bytes=1522144748, pr
 iority=0 actions=FLOOD
*** s1 -----
 cookie=0x0, duration=583.696s, table=0, n_packets=149264, n_bytes=3268826108, p
 riority=0 actions=FLOOD
*** s2 -----
 cookie=0x0, duration=583.718s, table=0, n_packets=66, n_bytes=4848, priority=0
 actions=FLOOD
*** s3 -----
 cookie=0x0, duration=583.723s, table=0, n_packets=61, n_bytes=4486, priority=0
 actions=FLOOD

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