Part 4:

1)

```
Pingall
```

```
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)
```

2) Iperf

```
mininet> iperf hnotrust1 h10

*** Iperf: testing TCP bandwidth between hnotrust1 and h10

*** Results: ['32.6 Gbits/sec', '32.6 Gbits/sec']

mininet> iperf h10 serv1

*** Iperf: testing TCP bandwidth between h10 and serv1

*** Results: ['22.8 Gbits/sec', '22.9 Gbits/sec']

mininet> iperf hnotrust1 serv1

*** Iperf: testing TCP bandwidth between hnotrust1 and serv1

^C
Interrupt
```

3)

dpctl dump-flows

```
cookie=0x0, duration=529.917s, table=0, n_packets=49, n_bytes=3894, priority=50 actions=FLOOD
```