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  mininet@mininet-vm: ~

mininet@mininet-vm:~$ sudo python ~/461_mininet/topos/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> iperf hnotrust1 h10
*** Iperf: testing TCP bandwidth between hnotrust1 and h10
*** Results: ['27.5 Gbits/sec', '27.5 Gbits/sec']
mininet> iperf h10 serv1
*** Iperf: testing TCP bandwidth between h10 and serv1
*** Results: ['18.9 Gbits/sec', '19.0 Gbits/sec']
mininet> dpctl dump-flows
*** cores21 ---------------------------------------------------------------
NXST_FLOW reply (xid=0x4):
 cookie=0x0, duration=103.071s, table=0, n_packets=69977, n_bytes=4618518, idle_age=31, priority=18,ip,nw_dst=172.16.10.100 actions=mod_dl_dst:00:00:00:00:00:05,output:5
 cookie=0x0, duration=58.008s, table=0, n_packets=349603, n_bytes=17204646970, idle_age=15, priority=18,ip,nw_dst=10.0.1.10 actions=mod_dl_dst:00:00:00:00:00:01,output:1
 cookie=0x0, duration=58.008s, table=0, n_packets=0, n_bytes=0, idle_age=58, priority=18,ip,nw_dst=10.0.2.20 actions=mod_dl_dst:00:00:00:00:00:02,output:2
 cookie=0x0, duration=63.047s, table=0, n_packets=207967, n_bytes=11859357966, idle_age=15, priority=18,ip,nw_dst=10.0.4.10 actions=mod_dl_dst:00:00:00:00:00:04,output:4
 cookie=0x0, duration=58.008s, table=0, n_packets=0, n_bytes=0, idle_age=58, priority=18,ip,nw_dst=10.0.3.30 actions=mod_dl_dst:00:00:00:00:00:03,output:3
 cookie=0x0, duration=197.037s, table=0, n_packets=5, n_bytes=490, idle_age=63, priority=20,icmp,nw_src=172.16.10.100 actions=drop
 cookie=0x0, duration=196.999s, table=0, n_packets=0, n_bytes=0, idle_age=196, priority=19,ip,nw_src=172.16.10.100,nw_dst=172.16.10.100 actions=drop
*** dcs31 ---------------------------------------------------------------
NXST_FLOW reply (xid=0x4):
 cookie=0x0, duration=197.056s, table=0, n_packets=255856, n_bytes=11862518724, idle_age=15, priority=1 actions=FLOOD
 cookie=0x0, duration=197.038s, table=0, n_packets=0, n_bytes=0, idle_age=197, priority=0 actions=drop
*** s1 ---------------------------------------------------------------
NXST_FLOW reply (xid=0x4):
 cookie=0x0, duration=197.042s, table=0, n_packets=627559, n_bytes=29068624294, idle_age=15, priority=1 actions=FLOOD
 cookie=0x0, duration=197.004s, table=0, n_packets=0, n_bytes=0, idle_age=197, priority=0 actions=drop
*** s2 ---------------------------------------------------------------
NXST_FLOW reply (xid=0x4):
 cookie=0x0, duration=197.061s, table=0, n_packets=15, n_bytes=1134, idle_age=58, priority=1 actions=FLOOD
 cookie=0x0, duration=197.043s, table=0, n_packets=0, n_bytes=0, idle_age=197, priority=0 actions=drop
*** s3 ---------------------------------------------------------------
NXST_FLOW reply (xid=0x4):
 cookie=0x0, duration=197.047s, table=0, n_packets=12, n_bytes=952, idle_age=58, priority=1 actions=FLOOD
 cookie=0x0, duration=197.009s, table=0, n_packets=0, n_bytes=0, idle_age=197, priority=0 actions=drop
mininet>
```