

## Outputs for Testing for Lab 3

1. Output for `iperf`

```
mininet> iperf
*** Iperf: testing TCP bandwidth between h1 and h4
*** Results: ['24.3 Gbits/sec', '24.3 Gbits/sec']
```

2. Output for `pingall`

```
mininet> pingall
*** Ping: testing ping reachability
h1 -> X X h4
h2 -> X X X
h3 -> X X X
h4 -> h1 X X
*** Results: 83% dropped (2/12 received)
```

### 3. Output for `dpctl dump -flows`

```
mininet> dpctl dump-flows
*** s1 -----
NXST_FLOW reply (xid=0x4):
  cookie=0x0, duration=23.276s, table=0, n_packets=0, n_bytes=0, idle_timeout=30, hard_timeout=60, idle_age=23, icmp,vlan_tci=0x0000,dl_src=00:00:00:00:00:04,dl_dst=00:00:00:00:00:03,nw_src=10.0.1.40,nw_dst=10.0.1.30,nw_tos=0,icmp_type=8,icmp_code=0 actions=drop
  cookie=0x0, duration=28.34s, table=0, n_packets=1, n_bytes=42, idle_timeout=30, hard_timeout=60, idle_age=28, arp,vlan_tci=0x0000,dl_src=00:00:00:00:00:04,dl_dst=00:00:00:00:00:01,arp_spa=10.0.1.40,arp_tpa=10.0.1.10,arp_op=1 actions=FL00D
  cookie=0x0, duration=18.295s, table=0, n_packets=1, n_bytes=42, idle_timeout=30, hard_timeout=60, idle_age=18, arp,vlan_tci=0x0000,dl_src=00:00:00:00:00:04,dl_dst=00:00:00:00:00:03,arp_spa=10.0.1.40,arp_tpa=10.0.1.30,arp_op=1 actions=FL00D
  cookie=0x0, duration=28.339s, table=0, n_packets=1, n_bytes=42, idle_timeout=30, hard_timeout=60, idle_age=28, arp,vlan_tci=0x0000,dl_src=00:00:00:00:00:01,dl_dst=00:00:00:00:00:04,arp_spa=10.0.1.10,arp_tpa=10.0.1.40,arp_op=2 actions=FL00D
  cookie=0x0, duration=18.294s, table=0, n_packets=1, n_bytes=42, idle_timeout=30, hard_timeout=60, idle_age=18, arp,vlan_tci=0x0000,dl_src=00:00:00:00:00:03,dl_dst=00:00:00:00:00:04,arp_spa=10.0.1.30,arp_tpa=10.0.1.40,arp_op=2 actions=FL00D
  cookie=0x0, duration=28.307s, table=0, n_packets=1, n_bytes=42, idle_timeout=30, hard_timeout=60, idle_age=28, arp,vlan_tci=0x0000,dl_src=00:00:00:00:00:02,dl_dst=00:00:00:00:00:04,arp_spa=10.0.1.20,arp_tpa=10.0.1.40,arp_op=2 actions=FL00D
  cookie=0x0, duration=28.307s, table=0, n_packets=1, n_bytes=42, idle_timeout=30, hard_timeout=60, idle_age=28, arp,vlan_tci=0x0000,dl_src=00:00:00:00:00:04,dl_dst=00:00:00:00:00:02,arp_spa=10.0.1.40,arp_tpa=10.0.1.20,arp_op=1 actions=FL00D
```