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node placement for --cluster (experimental!)
alycordero@alycordero-virtual-machine: ~/Documents/UTEP-Networks/3-packet-filtering-sdn/topo$ cd ..
alycordero@alycordero-virtual-machine: ~/Documents/UTEP-Networks/3-packet-filtering-sdn$ sudo mn --custom ~/Documents/UTEP-Networks/3-packet-filtering-sdn/topos/part2.py --topo part2 --controller remote,port=6633
*** Creating network
*** Adding controller
*** Adding hosts:
h1 h2 h3 h4
*** Adding switches:
s1
*** Adding links:
(h1, s1) (h2, s1) (h3, s1) (h4, s1)
*** Configuring hosts
h1 h2 h3 h4
*** Starting controller
c0
*** Starting 1 switches
s1 ...
*** Starting CLI:
mininet> pingall
*** Ping: testing ping reachability
h1 -> X X h4
h2 -> X h3 X
h3 -> X h2 X
h4 -> h1 X X
*** Results: 66% dropped (4/12 received)
mininet> dpctl dump-flows
*** s1 -----
cookie=0x0, duration=436.722s, table=0, n_packets=8, n_bytes=784, priority=3000,icmp actions=FL00D
cookie=0x0, duration=436.722s, table=0, n_packets=8, n_bytes=336, priority=2000,arp actions=FL00D
cookie=0x0, duration=436.722s, table=0, n_packets=0, n_bytes=0, priority=1000,ip actions=drop
mininet> iperf
*** Iperf: testing TCP bandwidth between h1 and h4
-----
Caught exception. Cleaning up...
OSError: [Errno 4] Interrupted system call
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*** Removing excess controllers/ofprotocols/ofdatapaths/pings/noxes
killall controller ofprotocol ofdatapath ping nox_core lt-nox_core ovs-openflowd ovs-controller udpbwtest mnexec ivs 2> /dev/null
killall -9 controller ofprotocol ofdatapath ping nox_core lt-nox_core ovs-openflowd ovs-controller udpbwtest mnexec ivs 2> /dev/null
pkill -9 -f "sudo mnexec"
*** Removing junk from /tmp
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h2 -> X h3 X
h3 -> X h2 X
h4 -> h1 X X
*** Results: 66% dropped (4/12 received)
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