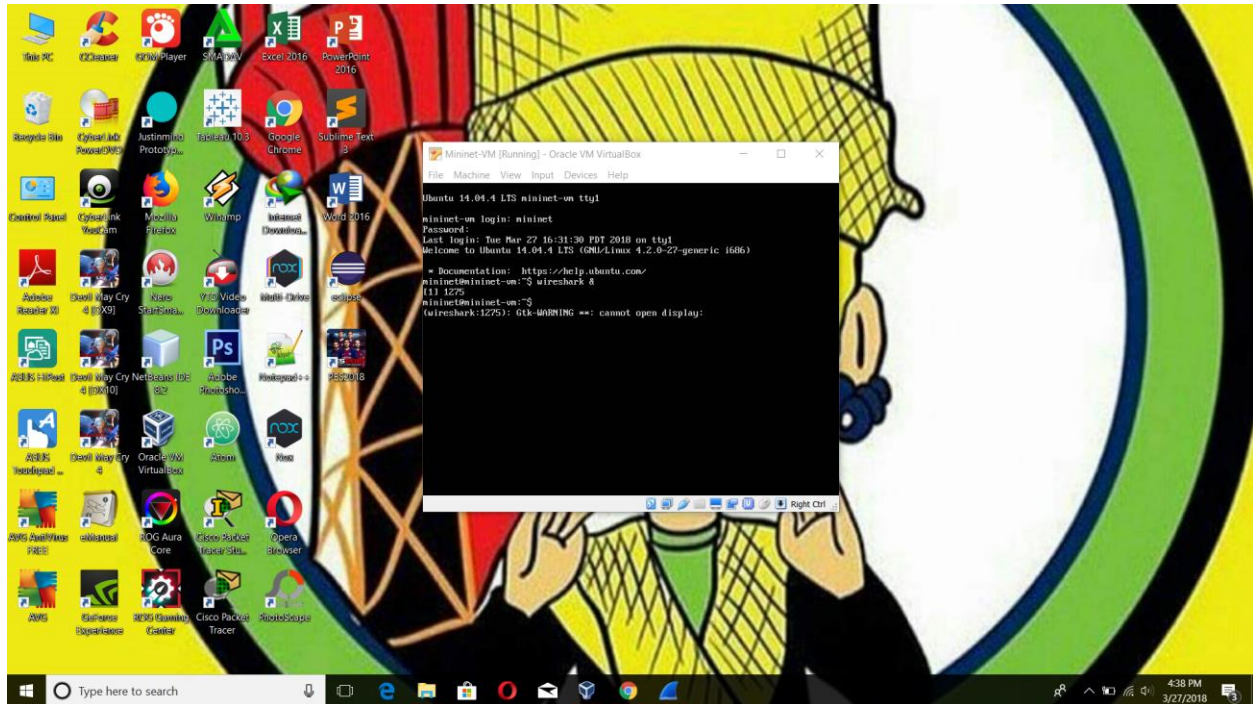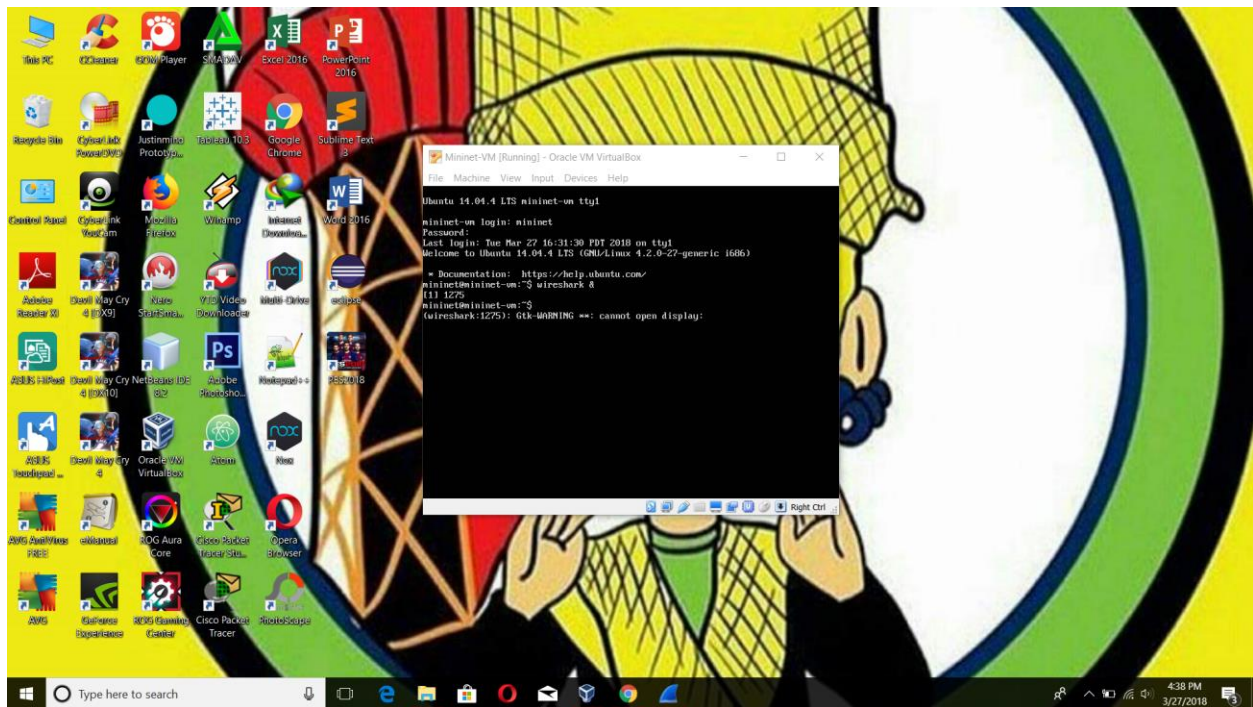# Tutorial Mininet 3 by Randi Ekklesia Ginting (161402108)

Tes

Tes – Wireshark

Check

$ ssh –Y –l mininet –p 2222 localhost

mininet@mininet-vm:~$ sudo apt-get update

mininet@mininet-vm:~$ sudo apt-get install tree

mininet@mininet-vm:~$ tree –L 1

mininet@mininet-vm:~/mininet$ tree –L 2 –d

mininet@mininet-vm:~/mininet/examples$ ll
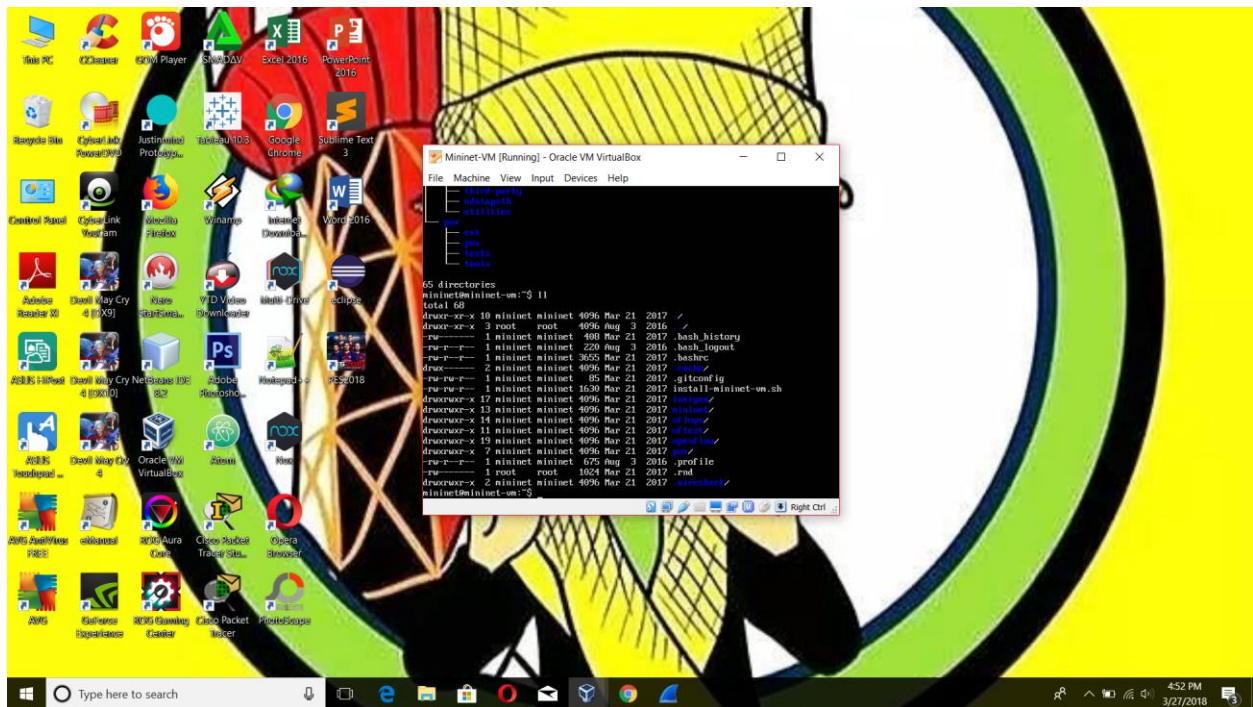
Notes Mininet Walkthrough

$ sudo mn [--topo=minimal]

$ sudo mn –test pingpair

$ sudo mn –test iperf

$ sudo mn –link tc,bw=10,delay=10ms
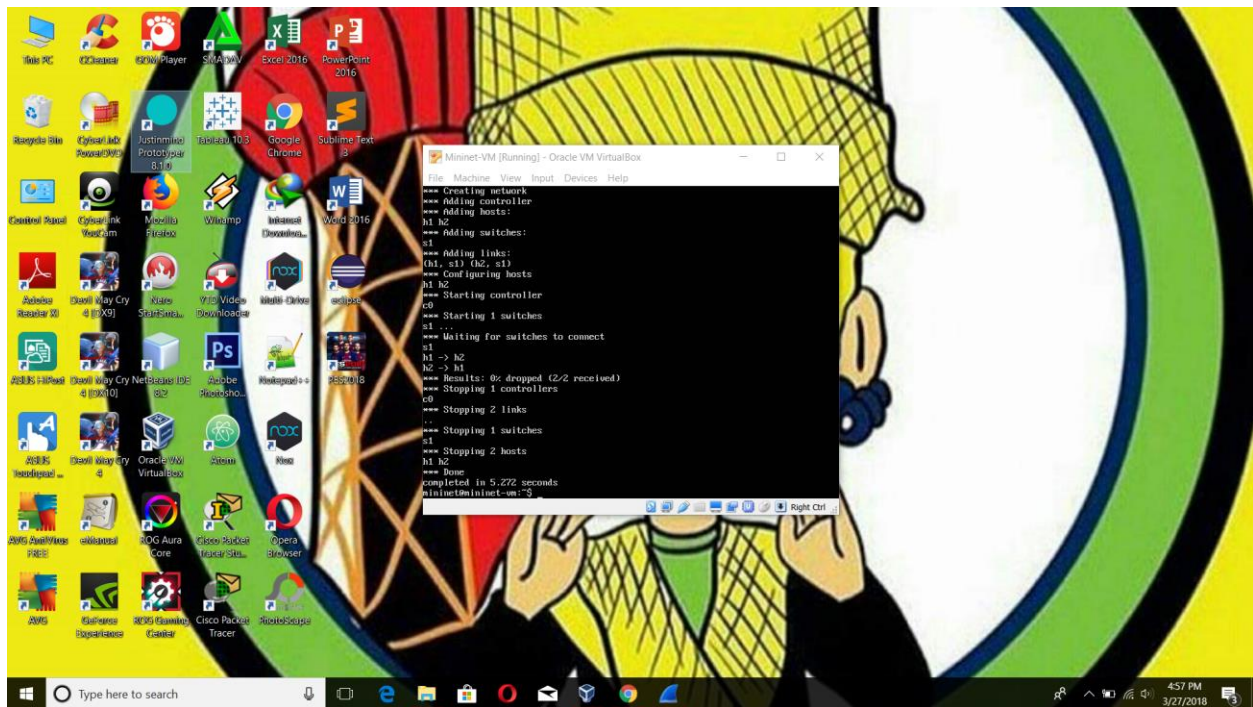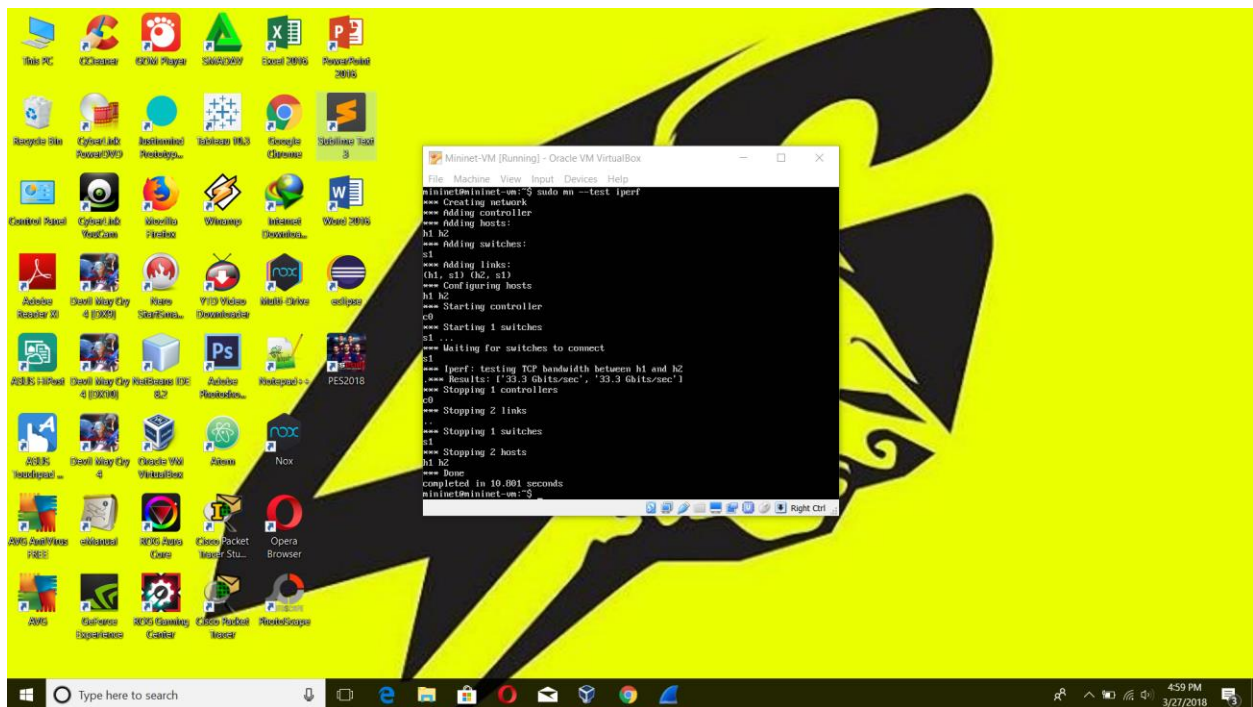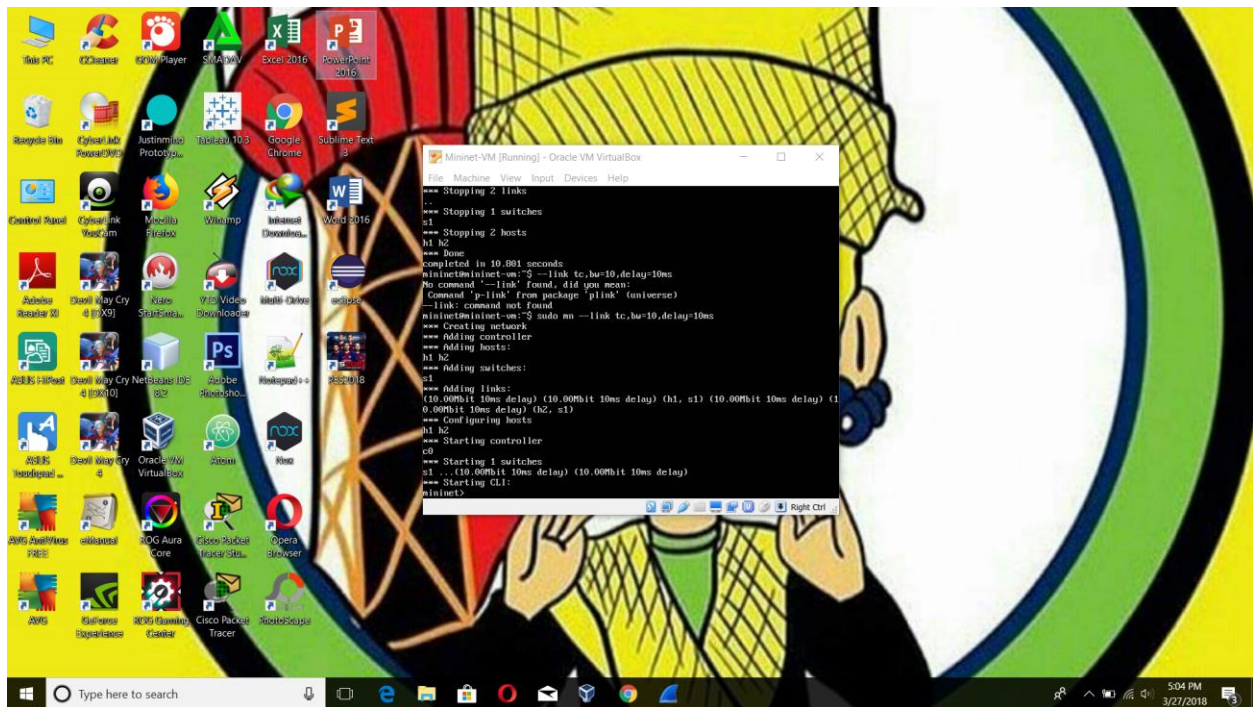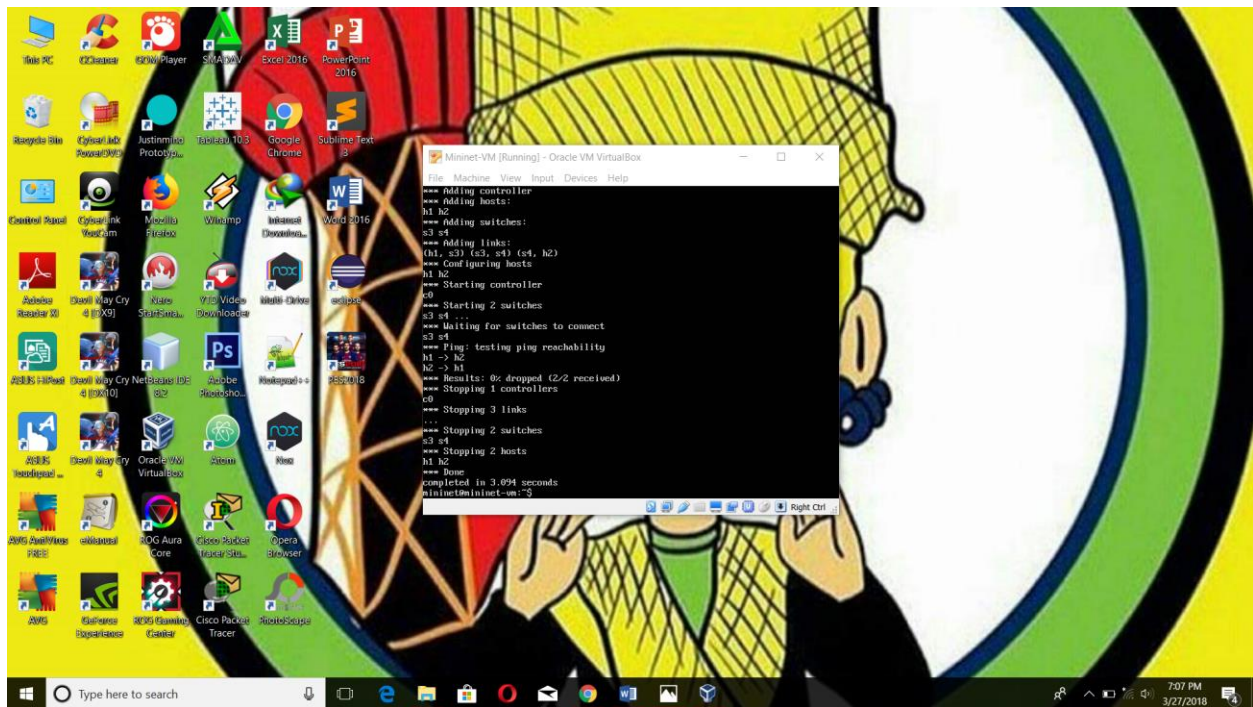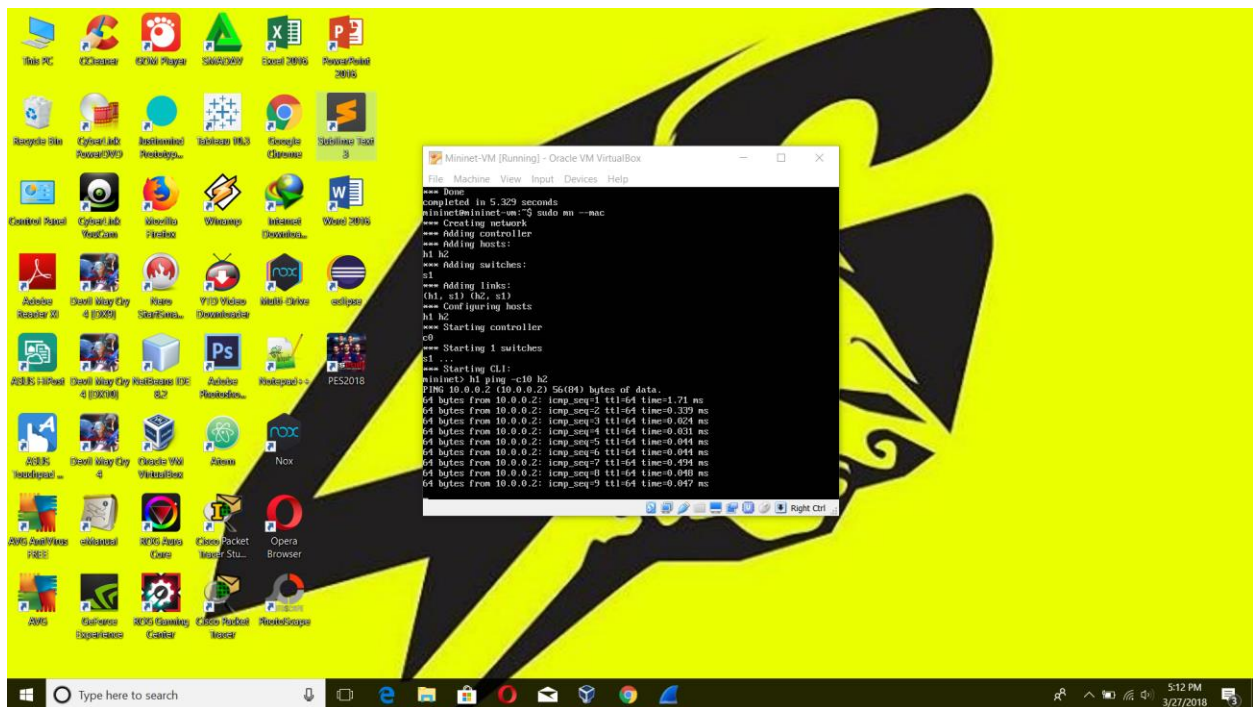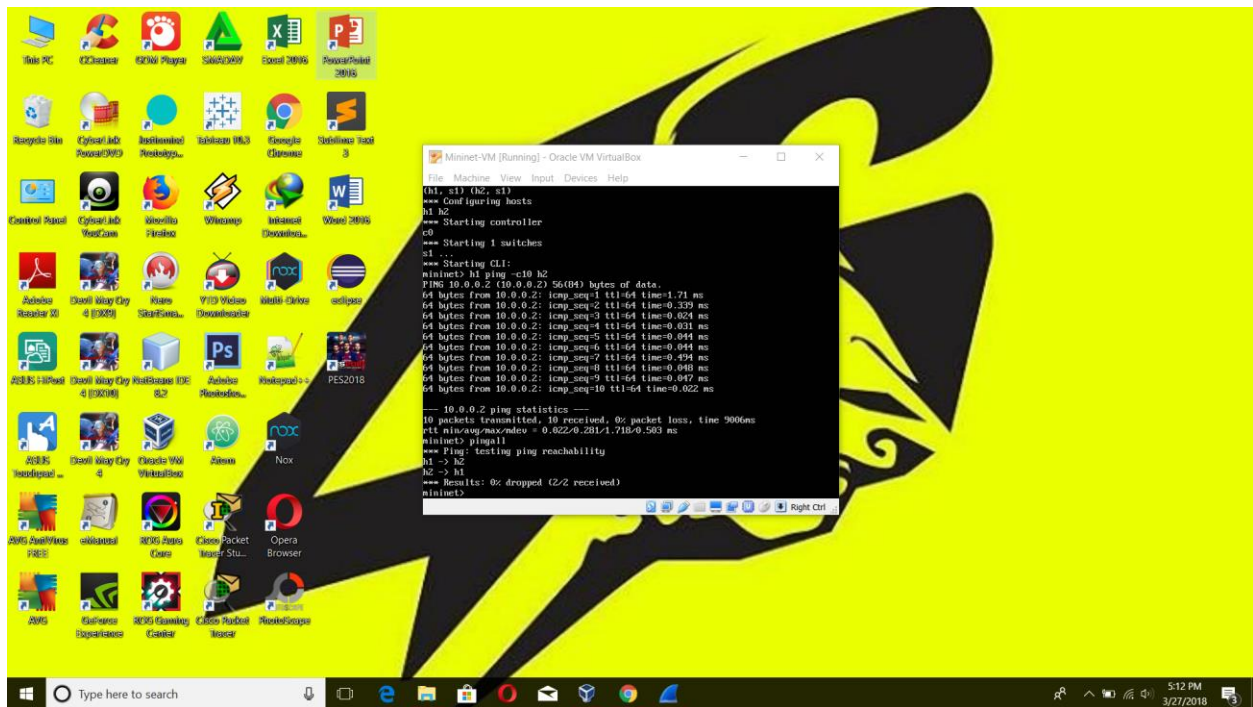

$ sudo mn –test pingall –topo single,3

$ sudo mn –test pingall –topo mytopo –custom ~/mininet/custom/topo-2sw-2host.py
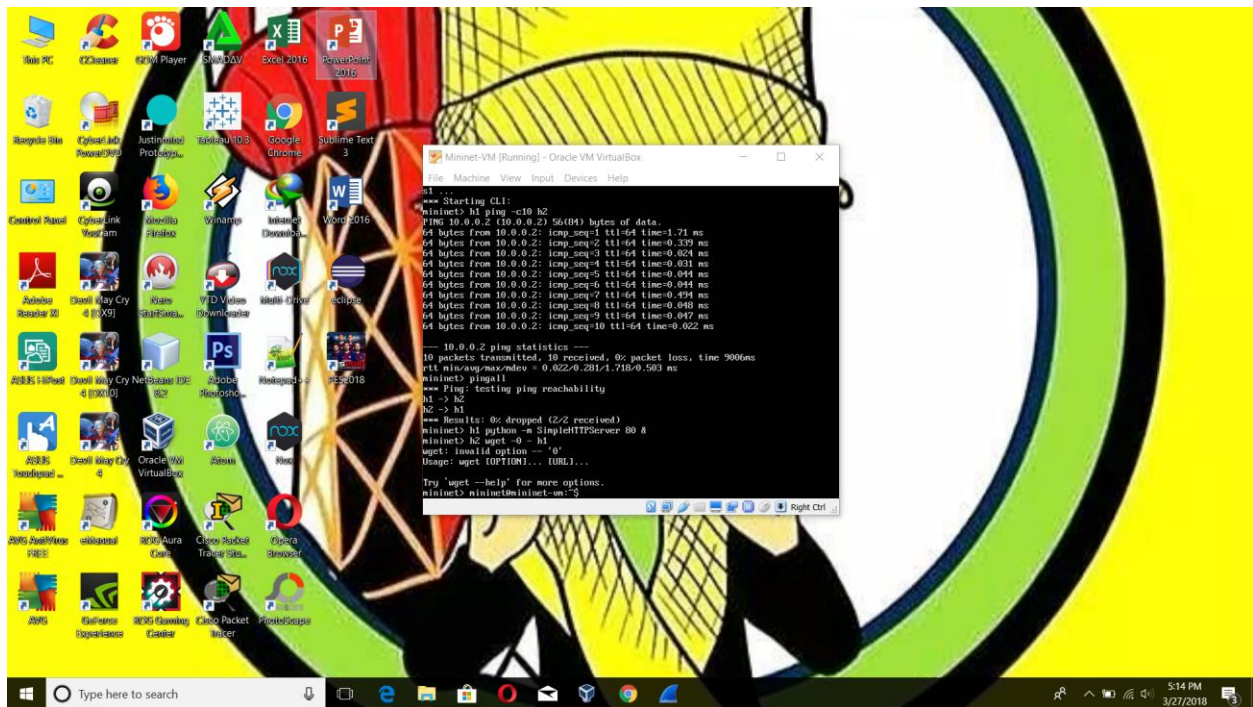

$ sudo mn –mac
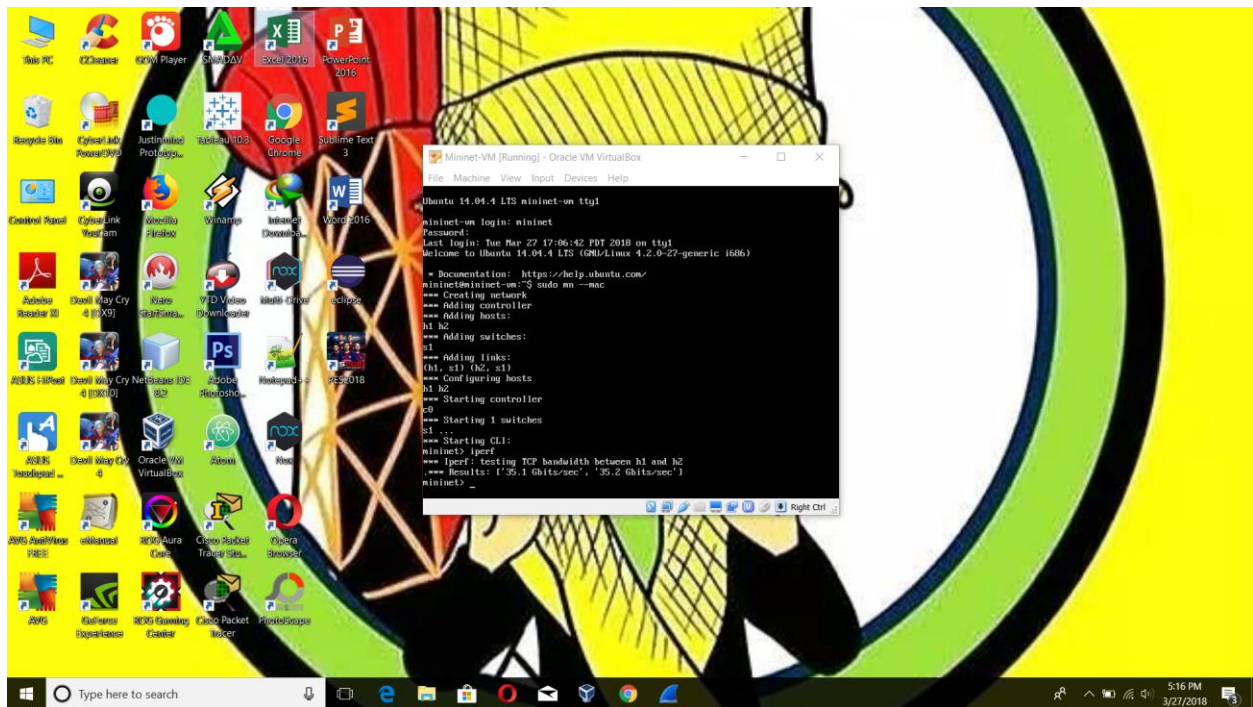
Mininet> h1 ping –c10 h2

Mininet> pingall

Mininet> h1 python –m SimpleHTTPServer 80 &

Mininet> h2 wget -0 - h1
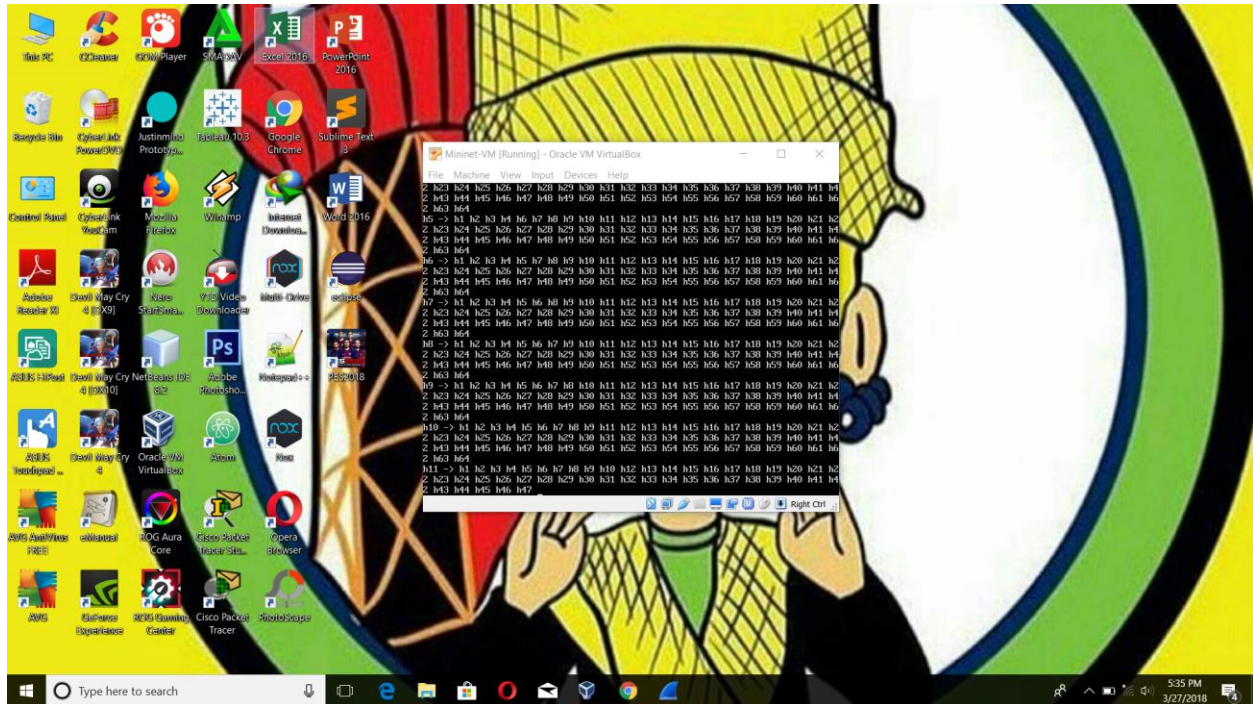
Mininet> iperf

Mininet> link s1 h1 down

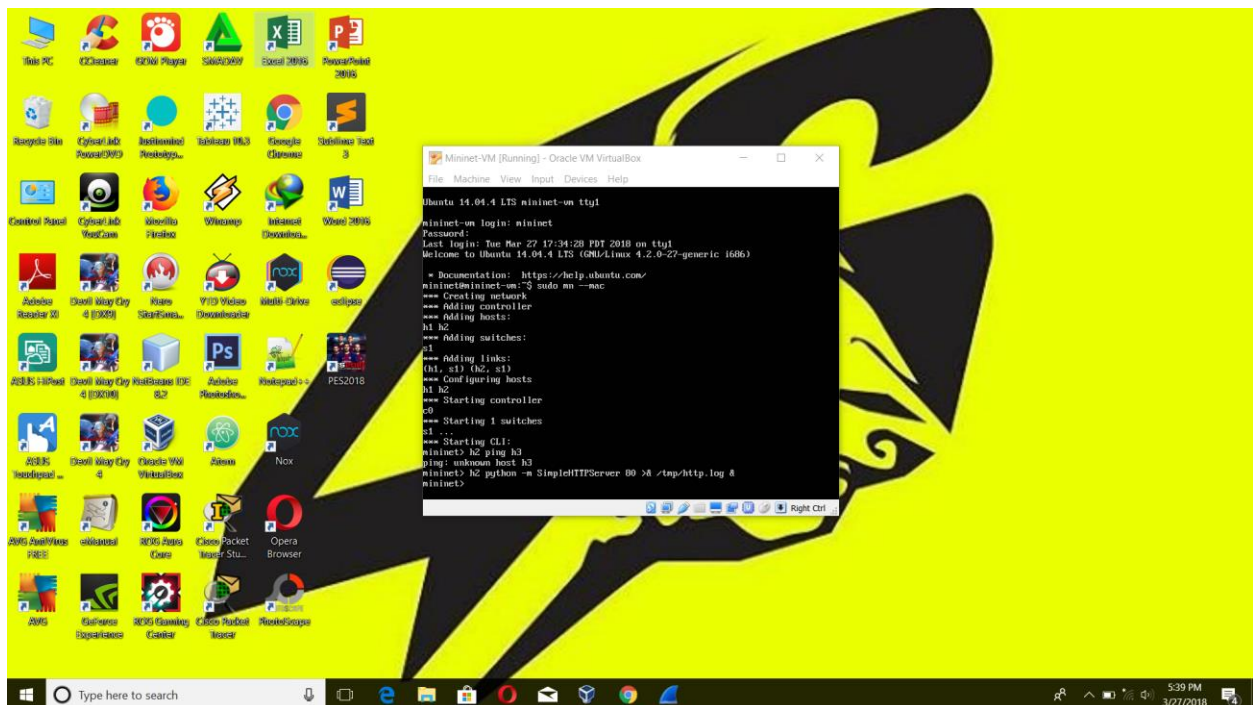Mininet> link s1 h1 up

$ sudo ~/mininet/examples/sshd.py

Notes Mininet Sample Workflow

Creating a Network

$ sudo mn –switch ovs –controller ref –topo tree,depth=2,fanout=8 –test pingall

Interacting with a Network

Mininet> h2 ping h3

Mininet> h2 python –m SimpleHTTPServer 80 >& /tmp/http.log &

Mininet> h3 wget -0 – h2