Advanced Networks Lab: Assignment #2

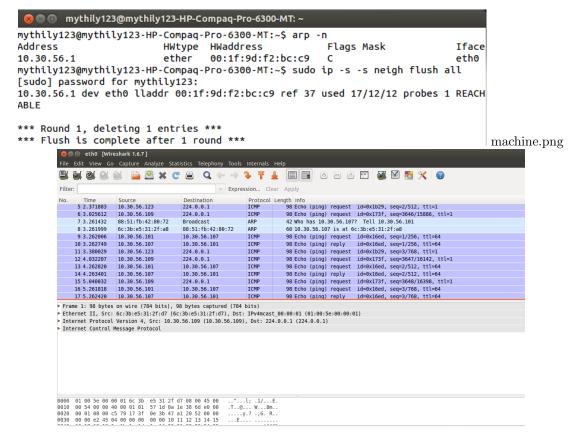
A Ganga Mythily

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Problem 1

Ping another IP address

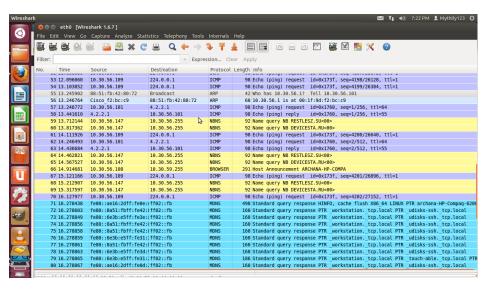
Steps: 1)List arp cache using arp -n 2)Clear cache using sudo ip -s -s neigh flushall 3)Open wireshark using sudo wireshark. 4)Start to capture packets 5)Ping any id address(say 101.30.56.107) 6)Analyse it.



Problem 2

Ping google.com

Steps: 1)Clear google cache. 2)Open wireshark using sudo wireshark. 3)Start to capture packets. 4)Ping 4.2.2.1



Problem 3

Ping 224.0.0.1(multicast)

Steps: 1)Clear google cache. 2)Open wireshark using sudo wireshark. 3)Start to capture packets. 4)Ping 224.0.0.1

MAC address of multicast:01:00:5e:00:00:01 MAC address of broadcast:ff:ff:ff:ff:ff

