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ITP 357

Lab 2

1. Ping lists the packet information relayed back from the destination. Time to live information, and round trip time info is displayed.
2. Traceroute will display the time it takes for packets to reach routers along the route to the destination. Using the times, you can see the weakest link in the network route.
3. The ARP table will have a MAC address that doesn’t match mine assigned to my IP if I am being attacked.
   1. To delete the table arp –a –d
4. I can determine the active network interface by which has an IP assigned to it. Then I can find the mac address for the interface. I can change to a static server on OSX via the network advanced settings. To add OpenDNS to the DNS searches, I would add 208.67.222.222 and 208.67.220.220 to the DNS lookup list in advanced network settings as well.
5. Nslookup gives the result from the DNS server for the web address translation to IP.