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### **Task 1: DHCP Traffic**

Mini Scenario: I removed my Iphone from the network, turned on my capture with the DHCP filter and re-joined to generate a DHCP Packet.

Expected Result: A DHCP Packet would be generated. Captured a singular DHCP request packet showing the transaction ID as well.

Task Successful.

### **Task 2: DNS Traffic**

Mini Scenario: I opened google chrome, turned on my wireshark with a DNS filter and searched a sight I hadn't visited in a while.

Expected Result: Wireshark captured quite a good bit of packets.

Task Successful Captured. Captured 44 DNS query and response packets in about 2 seconds.

### **Task 3: Arp Traffic**

Mini Scenario: I connected to the network, filtered for arp packets, and pinged 192.168.0.151.

Expected Results: Arp packets would be generated.

Task Successful. Captured 7 total ARP packets.

### **Task 4: HTTP traffic**

Mini Scenario: I searched for a HTTP based site (<http://des.online-domain-tools.com/>), turned on the HTTP filter (port 80) and waited for packets to start being captured.

Expected Results: an HTTP packet would be generated.

Task Successful. I captured 239 HTTP packets by just typing in an HTTP url, all of which were syn/ack packets as well as GET packets