

Networks Lab: Assignment 2

Anupama S

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Problem 1

1. Install wireshark and do sniffer capture.

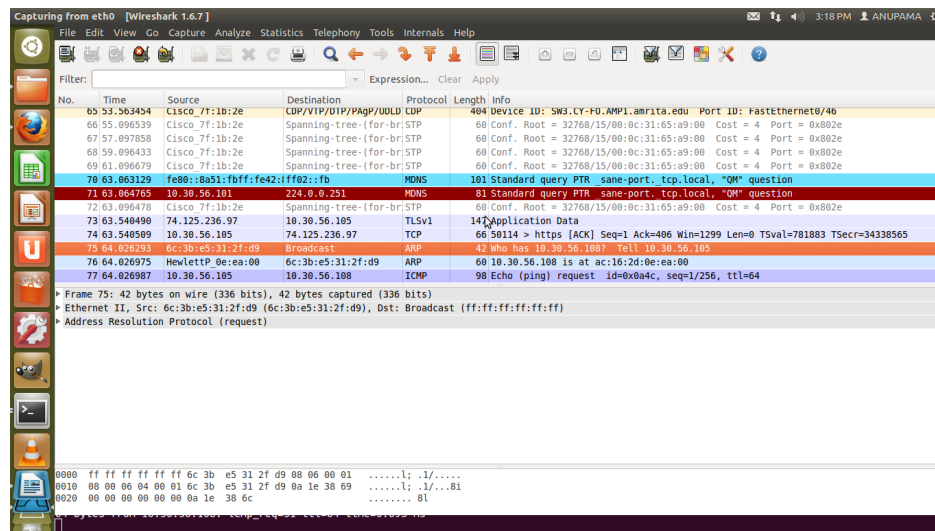
```
sudo apt-get install wireshark
```

```
arp -n
```

```
anupama@anupama-HP-Compaq-Pro-6300-MT:~/anu$ arp -n
Address                  HWtype  HWaddress           Flags Mask            Iface
10.30.56.1                ether   00:1f:9d:f2:bc:c9   C                     eth0
anupama@anupama-HP-Compaq-Pro-6300-MT:~/anu$
```

```
sudo wireshark
```

```
ping 10.30.56.108
```



```
arp -n
```

```
anupama@anupama-HP-Compaq-Pro-6300-MT:~/anu$ arp -n
Address                  HWtype  HWaddress           Flags Mask            Iface
10.30.56.1                ether   00:1f:9d:f2:bc:c9   C                     eth0
10.30.56.108              ether   ac:16:2d:0e:ea:00   C                     eth0
anupama@anupama-HP-Compaq-Pro-6300-MT:~/anu$
```

```
sudo arp -d 10.30.56.108
```

```
anupama@anupama-HP-Compaq-Pro-6300-MT:~/anu$ sudo arp -d 10.30.56.108
[sudo] password for anupama:
anupama@anupama-HP-Compaq-Pro-6300-MT:~/anu$ arp -n
Address                  HWtype  HWaddress           Flags Mask            Iface
10.30.56.1                ether   00:1f:9d:f2:bc:c9   C                     eth0
10.30.56.108              (incomplete)
anupama@anupama-HP-Compaq-Pro-6300-MT:~/anu$
```

```
ping google.com
```

