Advance Networks Lab: Lab Assignment-2

Ram~Sandesh, S1, M. Tech, CSN

29-08-2013

CONTENTS	Advance Networks Lab : Lab Assignment-2	Ram Sandesh,S1,M.Tech,CSN
Contents		
Problem 1		3
Problem 2		4
Problem 3		5

Problem 1

Displaying arp table Ans)cmd: arp -n

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

Empty arp table.

cmd: sudo ip -s -s neigh flush all

```
ramsandesh@ramsandesh-HP-Compaq-Pro-6300-MT:~$ sudo ip -s -s neigh flush all
10.30.56.1 dev eth0 lladdr 00:1f:9d:f2:bc:c9 ref 307 used 67/67/47 probes 4 STALE

*** Round 1, deleting 1 entries ***

*** Flush is complete after 1 round ***

ramsandesh@ramsandesh-HP-Compaq-Pro-6300-MT:~$ arp -n

Address HWtype HWaddress Flags Mask Iface
10.30.56.1 (incomplete) eth0

ramsandesh@ramsandesh-HP-Compaq-Pro-6300-MT:~$
```

Problem 2

Ping with another machine in the intranet. cmd:ping 10.30.56.107

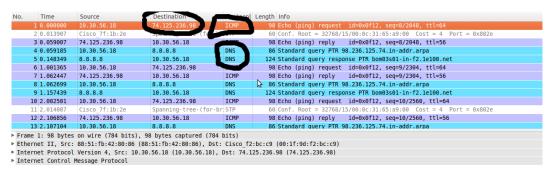


arp table after pinging to local machine.

cmd: arp -n

```
ramsandesh@ramsandesh-HP-Compaq-Pro-6300-MI:/$ arp -n
Address HWtype HWaddress Flags Mask Iface
10.30.56.107 ether 6c:3b:e5:31:2f:a8 C eth0
10.30.56.1 ether 00:1f:9d:f2:bc<u>:</u>c9 C eth0
```

ping google.com



Problem 3

Request google.com from web browser.

