PARSHVANATH CHARITABLE TRUST'S

A. P. SHAH INSTITUTE OF TECHNOLOGY

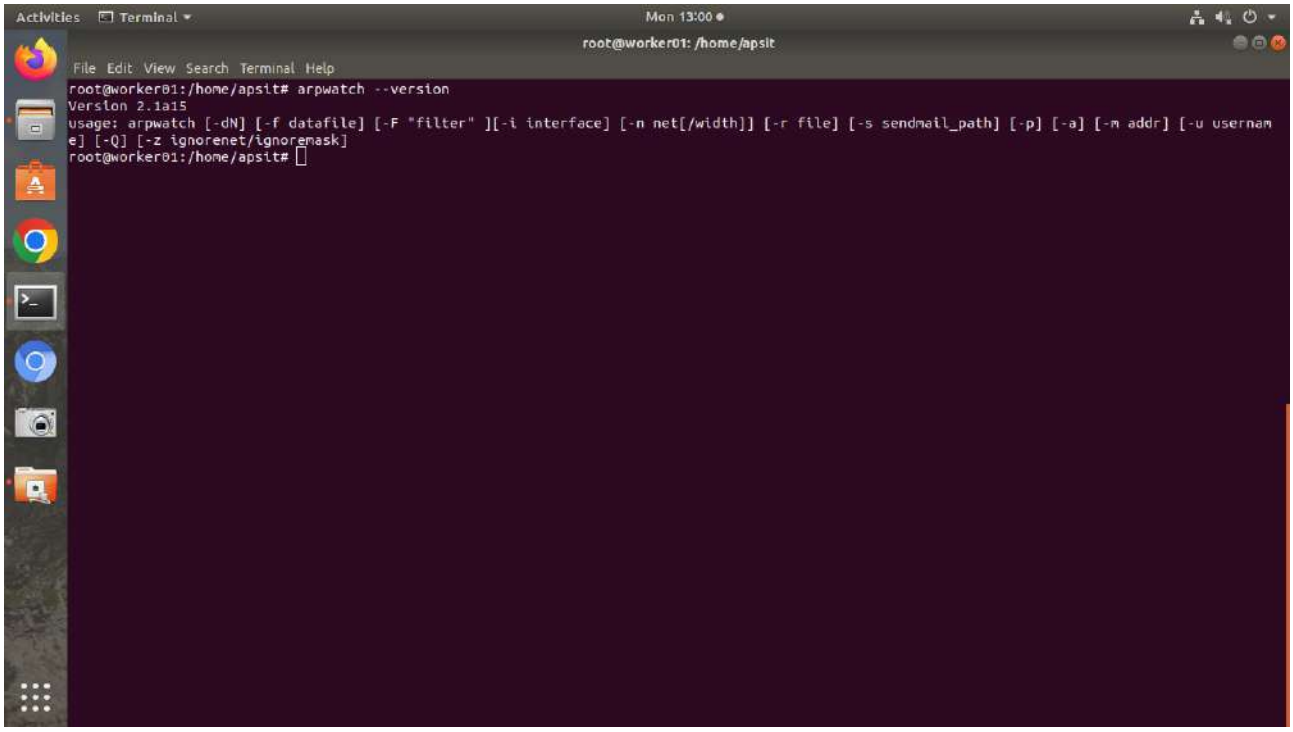
(All Branches NBA Accredited)

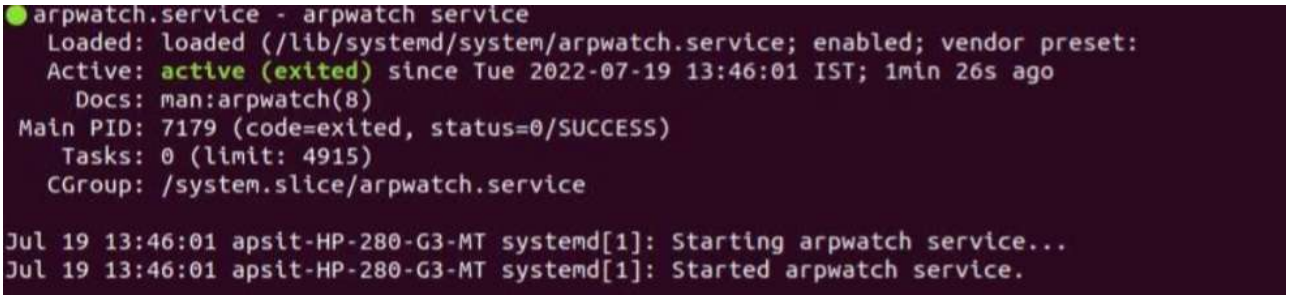
Department of Information Technology

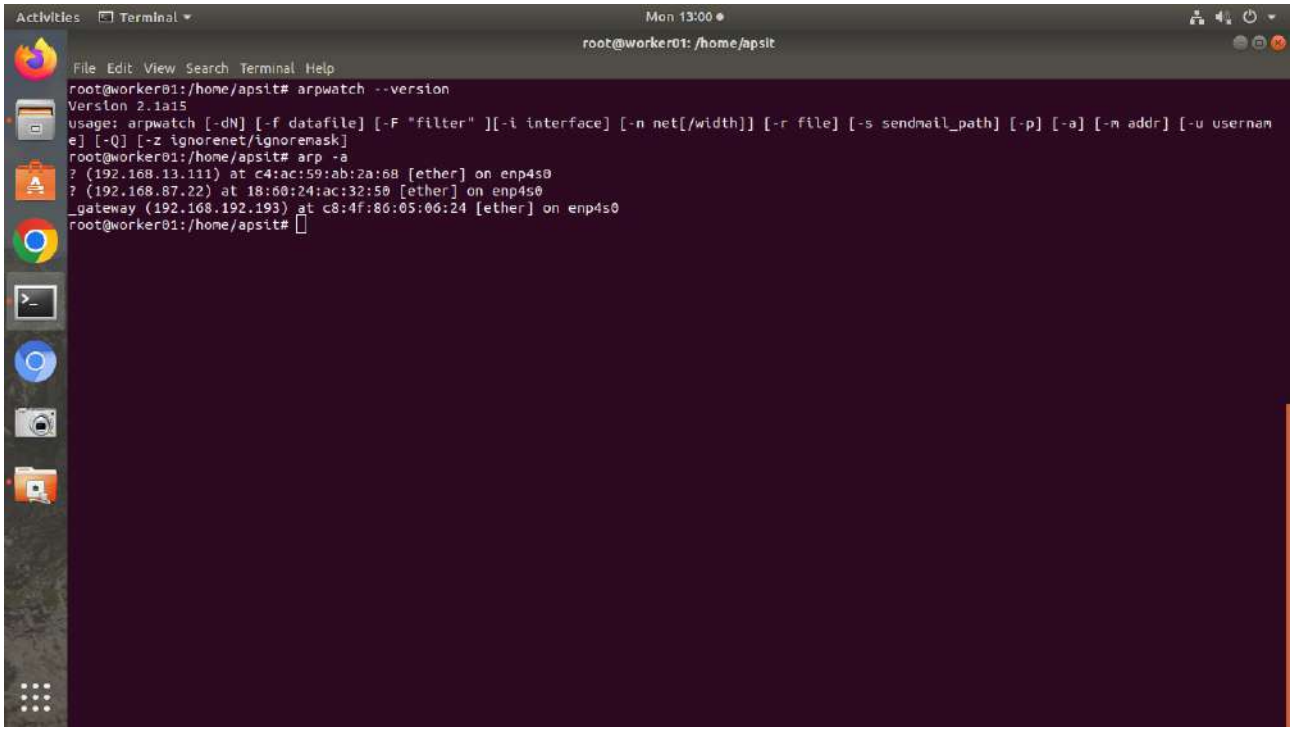
Semester: V
Academic Year: 2022-23
Class / Branch: TE IT
Subject: Security Lab (SL)
Date:07/11/2022

Name of Student:Atharv Sathe
Student ID: 20104054 (32)

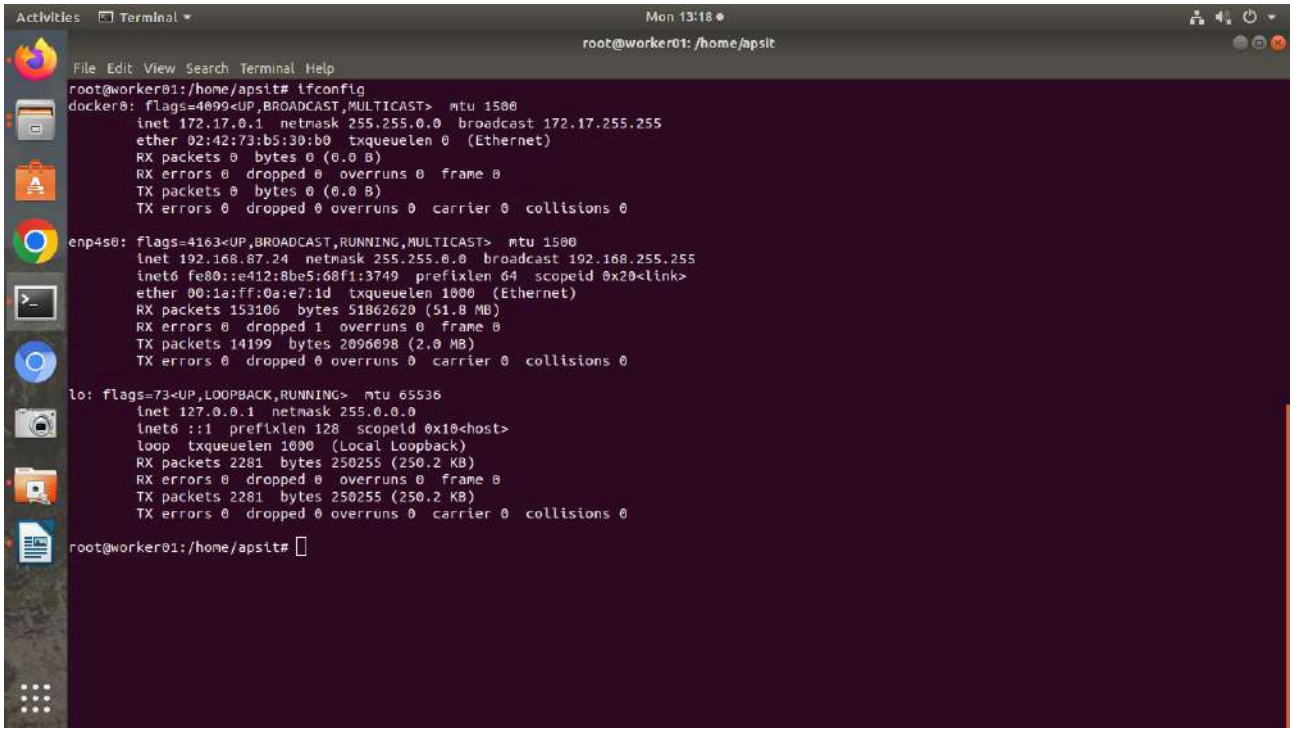
Aim: Implement ARP spoofing over a local area network



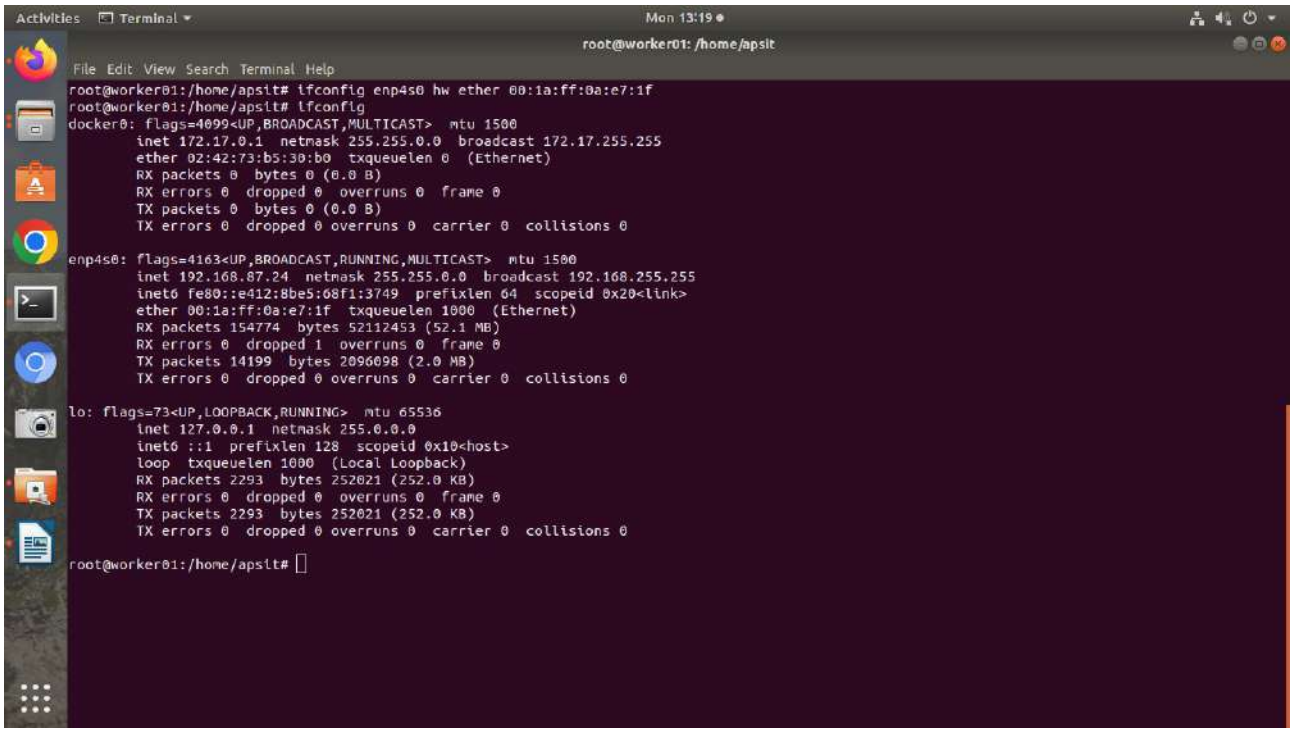

arpwatch.service - arpwatch service
Loaded: loaded (/lib/systemd/system/arpwatch.service; enabled; vendor preset:
Active: active (exited) since Tue 2022-07-19 13:46:01 IST; 1min 26s ago
Docs: man:arpwatch(8)
Main PID: 7179 (code=exited, status=0/SUCCESS)
Tasks: 0 (limit: 4915)
CGroup: /system.slice/arpwatch.service
Jul 19 13:46:01 apsit-HP-280-G3-MT systemd[1]: Starting arpwatch service...
Jul 19 13:46:01 apsit-HP-280-G3-MT systemd[1]: Started arpwatch service.



Changing MAC Address

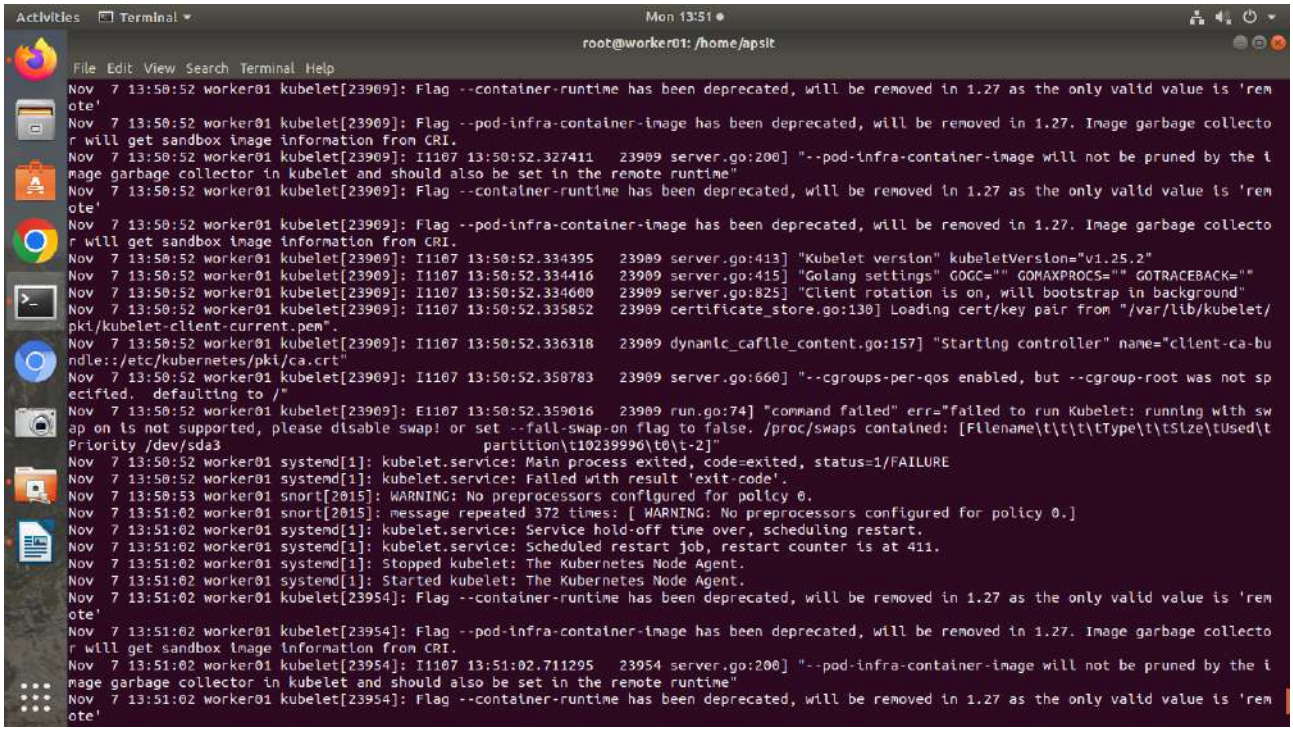


mac address is 00:1a:ff:0a:e7:1d



MAC changed to 00:1a:ff:0a:e7:1f

Detecting using tail -f *var*/log/syslog



Conclusion: I understood the arpwatch service and also how to spoof or change a MAC address of a existing system and perform arp spoofing.