

MIT WORLD PEACE UNIVERSITY

Wireless Devices and Mobile Security
Third Year B. Tech, Semester 5

INSTALLATION AND CONFIGURATION OF ANY WIFI
TRAFFIC ANALYSER TOOL.

LAB ASSIGNMENT 9

Prepared By

Krishnaraj Thadesar
Cyber Security and Forensics
Batch A1, PA 10

November 27, 2023

Contents

1	Aim	1
2	Objectives	1
3	Theory	1
4	Platform	1
5	Working Screenshots	1
6	Conclusion	1
	References	2

1 Aim

Install, configure and demonstrate any one Wi-Fi traffic analyzer using sniffing tools such as Wireshark, AirCrack, AirSnort, etc.

2 Objectives

1. To install Wireshark on the system.
2. To capture packets using Wireshark.
3. To analyse the captured packets.

3 Theory

4 Platform

Operating System: Arch Linux x86-64

IDEs or Text Editors Used: Visual Studio Code

Compilers or Interpreters: Python 3.10.1

5 Working Screenshots

6 Conclusion

Thus, the installation and configuration of Any Wifi Traffic Analyser Tool was successfully done. We installed Wireshark, captured packets and analysed them.

References

- [1] Cisco Routers.
Website: <https://www.cisco.com/c/en/us/products/routers/index.html>
- [2] TP-Link Routers.
Website: <https://www.tp-link.com/us/home-networking/wifi-router/>
- [3] D-Link Routers.
Website: <https://www.dlink.com/en/consumer/routers>
- [4] Netgear Routers.
Website: <https://www.netgear.com/home/products/networking/wifi-routers/>
- [5] ASUS Routers.
Website: <https://www.asus.com/Networking-IoT-Servers/WiFi-Routers-Products/>
- [6] Linksys Routers.
Website: <https://www.linksys.com/us/routers/>
- [7] MikroTik Routers.
Website: <https://mikrotik.com/products/group/routers>
- [8] Ubiquiti Routers.
Website: <https://www.ui.com/products/#routing>
- [9] Huawei Routers.
Website: <https://consumer.huawei.com/en/routers/>