

COMP 7003

Assignment 2

Report

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Purpose

This program captures packets and parses them based on the user-inputted filter. The filter will parse the header based on 4 filter settings: “arp”, “ip”, “tcp”, and “udp”.

Requirements

Task	Status
Parse arp header	Fully implemented
Parse ipv4 header	Fully implemented
Parse udp header	Fully implemented
Parse tcp header	Fully implemented

Platforms

packet_capture has been tested on:

- Fedora 39

Language

- Python

Documents

- [Design](#)
- [Testing](#)
- [User Guide](#)

Findings