

NetSpy

Requirements

- A Linux system
- Python 3.x
- Scapy (Refer <https://scapy.readthedocs.io/en/latest/installation.html>)

Setup/Installation

- Open a terminal
- Clone the project repository by running

```
git clone https://github.com/ansbaby7/NetSpy.git
```

[Note: You need to have git installed to run this command]

- Run the program using the command `sudo python3 src/NetSpy.py`

Using the Packet Analyzer module

[illegible]

2. TCP SYN Scan

[illegible]

3. Ping Sweep Scan

Note: This scan currently supports only mask of /24 (CIDR)

```
fish /home/ansbaby7/New/workspace/NetSpy
ansbaby7@ans-vivobook /home/ansbaby7/New/workspace/NetSpy <system> <main*>
$ sudo python3 src/NetSpy.py

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Choose one of the options
1 - Packet Sniffer
2 - Port Scanner
2
Select the type of scan
1 - TCP Connect Scan
2 - TCP SYN Scan
3 - Ping Sweep
3
Specify the network IPv4 address to scan: 192.168.43.251
192.168.43.1 is up
192.168.43.251 is up
ansbaby7@ans-vivobook /home/ansbaby7/New/workspace/NetSpy <system> <main*>
$
```