

## Terminal Output

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Administrator: Command Prompt
Microsoft Windows [Version 10.0.26100.4351]
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C:\Windows\System32>cd C:\Users\dra84\OneDrive\Documents\python_project

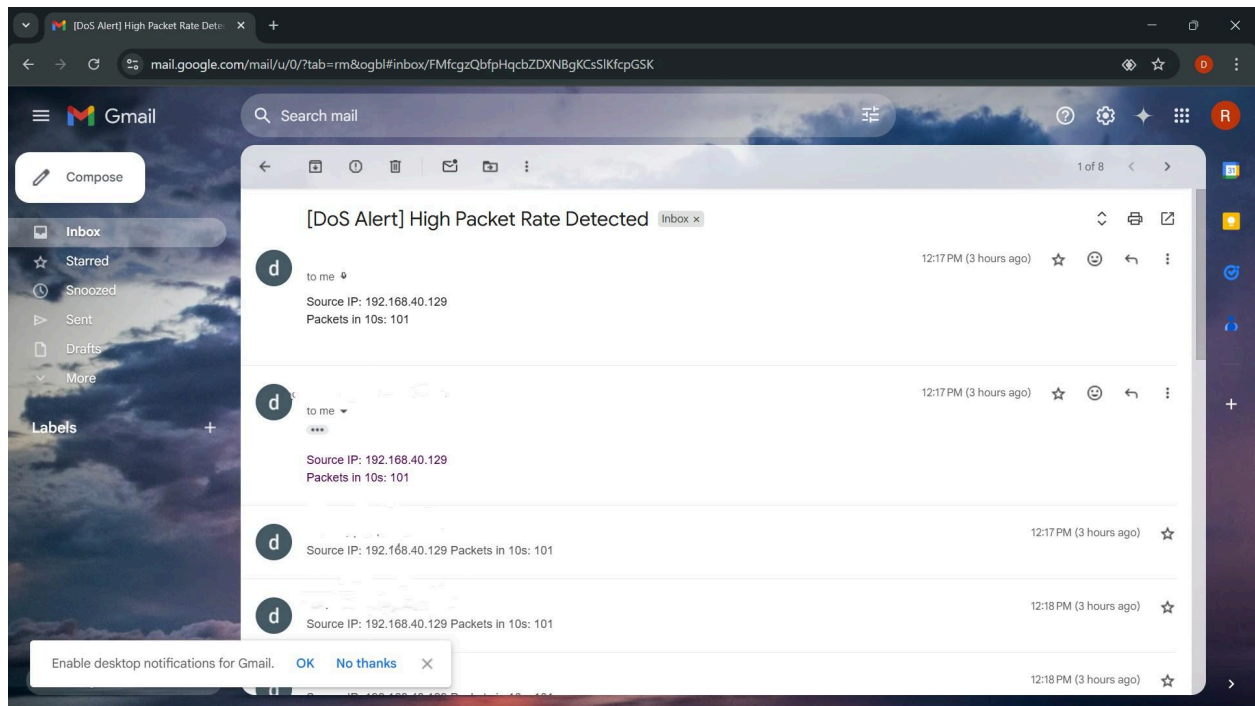
C:\Users\dra84\OneDrive\Documents\python_project>python packet_sniffer_alert.py
[INFO] Starting packet capture...
C:\Users\dra84\OneDrive\Documents\python_project\packet_sniffer_alert.py:63: DeprecationWarning: The default datetime adapter is deprecated as of Python 3.12; see the sqlite3 documentation for suggested replacement recipes
  c.execute('INSERT INTO traffic_logs (src_ip, dst_ip, src_port, dst_port, protocol, flags, timestamp)
2025-06-21 11:13:42.193067 | 10.40.30.201:5353 -> 224.0.0.251:5353 [UDP]
C:\Users\dra84\OneDrive\Documents\python_project\packet_sniffer_alert.py:82: DeprecationWarning: The default datetime adapter is deprecated as of Python 3.12; see the sqlite3 documentation for suggested replacement recipes
  c.execute("SELECT DISTINCT dst_port FROM traffic_logs WHERE src_ip=? AND timestamp > ?", (ip_src, timestamp - TIME_WIN
DOW))
2025-06-21 11:13:42.212516 | 10.40.30.149:5353 -> 224.0.0.251:5353 [UDP]
2025-06-21 11:13:42.219976 | 10.40.30.201:57621 -> 10.40.31.255:57621 [UDP]
2025-06-21 11:13:42.395677 | 10.40.29.247:49665 -> 10.40.31.255:1947 [UDP]
2025-06-21 11:13:42.410952 | 10.40.30.149:5353 -> 224.0.0.251:5353 [UDP]
2025-06-21 11:13:42.437471 | 10.40.24.50:56030 -> 255.255.255.255:29810 [UDP]
2025-06-21 11:13:42.530715 | 10.40.30.87:0 -> 224.0.0.22:0 [2]
2025-06-21 11:13:42.545106 | 10.40.30.150:59823 -> 10.40.31.255:59200 [UDP]
2025-06-21 11:13:42.554584 | 10.40.31.139:5353 -> 224.0.0.251:5353 [UDP]
2025-06-21 11:13:42.562658 | 10.40.31.139:5353 -> 224.0.0.251:5353 [UDP]
2025-06-21 11:13:42.571990 | 10.40.30.201:37195 -> 239.255.255.250:1900 [UDP]
2025-06-21 11:13:42.581648 | 10.40.28.208:64499 -> 239.255.255.250:1900 [UDP]
2025-06-21 11:13:42.623867 | 10.40.30.116:59770 -> 52.72.162.93:443 [TCP] PA
2025-06-21 11:13:42.632094 | 10.40.30.116:59770 -> 52.72.162.93:443 [TCP] RA
2025-06-21 11:13:42.639997 | 10.40.30.87:0 -> 224.0.0.22:0 [2]
2025-06-21 11:13:42.733144 | 0.0.0.0:68 -> 255.255.255.255:67 [UDP]
```

```
(kali㉿kali)-[~]
$ nmap -p 1-100 127.0.0.1
Starting Nmap 7.94 ( https://nmap.org ) at 2025-06-21 05:24 EDT
Nmap scan report for localhost (127.0.0.1)
Host is up (0.00038s latency).
All 100 scanned ports on localhost (127.0.0.1) are in ignored states.
Not shown: 100 closed tcp ports (conn-refused)
Nmap done: 1 IP address (1 host up) scanned in 0.15 seconds
```

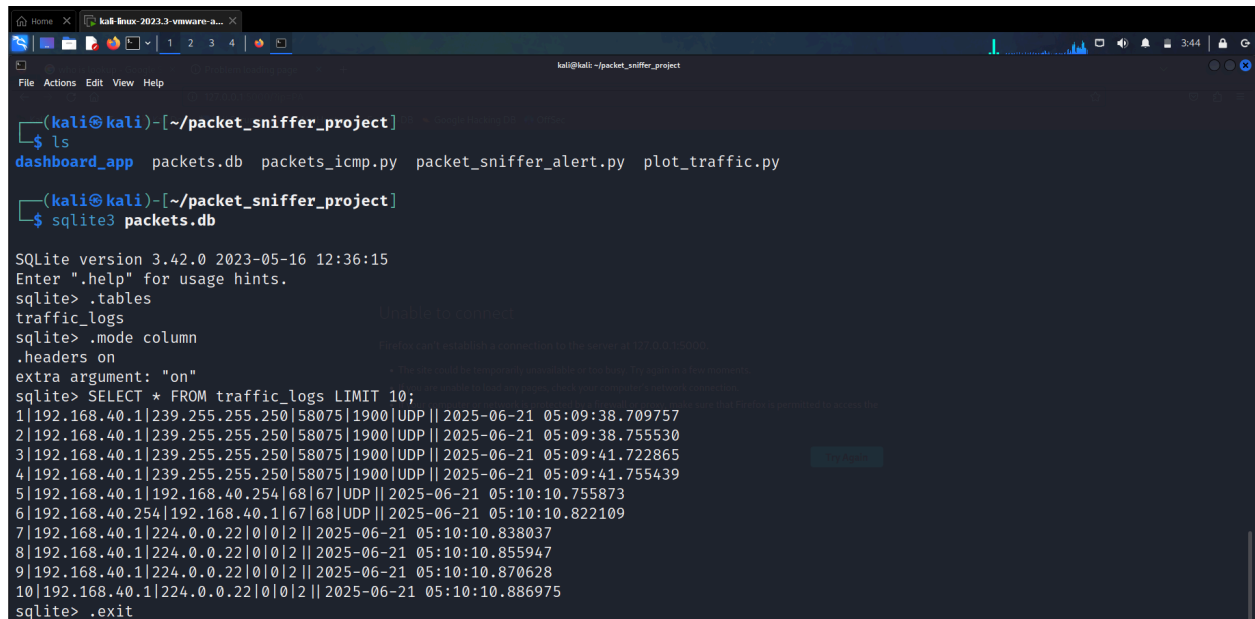
File Actions Edit View Help

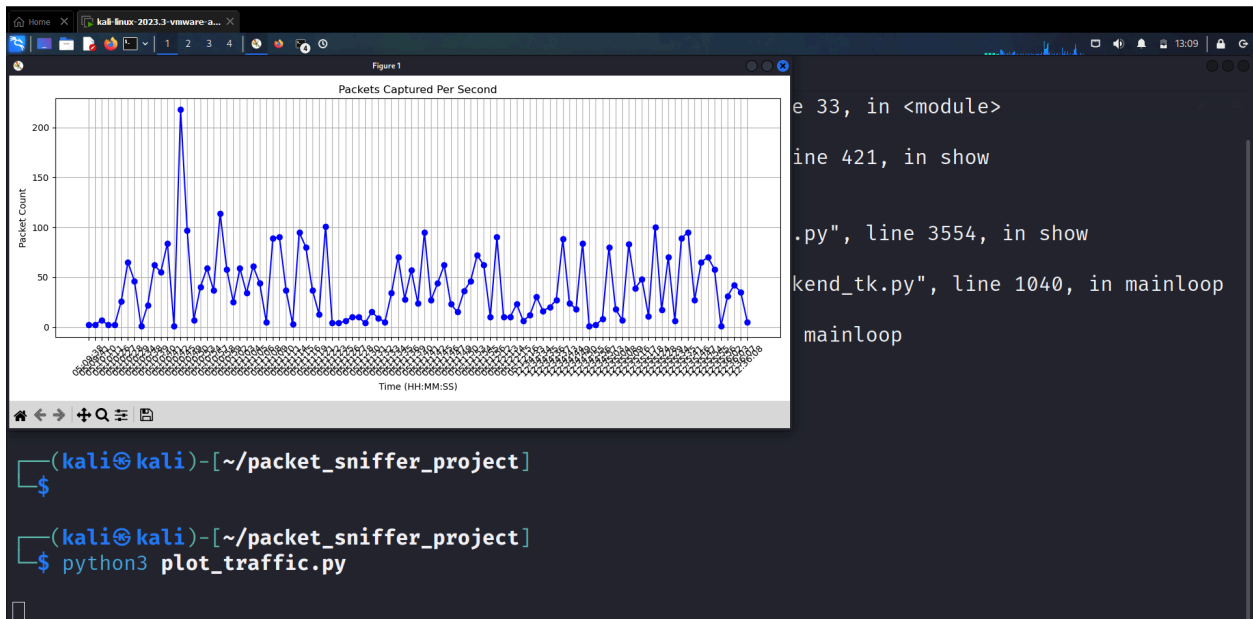
```
(kali㉿kali)-[~] 032826 | 192.168.40.129:54479 → 192.168.40.2:53 [UDP]  
$ ping 127.0.0.1 -c 1000 | 192.168.40.2:53 → 192.168.40.129:51914 [UDP]  
062.0.0.1028.062188 | 192.168.40.2:53 → 192.168.40.129:51914 [UDP]  
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data. 192.168.40.129:48912 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=1.42 ms 40.129:49122 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.076 ms 40.129:49122 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.073 ms 40.129:42328 [TCP] PA  
64 bytes from 127.0.0.1: icmp_seq=4 ttl=64 time=0.074 ms 40.129:60706 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=5 ttl=64 time=0.065 ms 40.129:60706 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=6 ttl=64 time=0.040 ms 40.129:54495 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=7 ttl=64 time=0.067 ms 40.129:54495 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=8 ttl=64 time=0.068 ms 40.129:54479 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=9 ttl=64 time=0.141 ms 6.137.203:443 [TCP] PA  
64 bytes from 127.0.0.1: icmp_seq=10 ttl=64 time=0.066 ms 40.129:42328 [TCP] A  
64 bytes from 127.0.0.1: icmp_seq=11 ttl=64 time=0.076 ms 97.221.82:80 [TCP] S  
64 bytes from 127.0.0.1: icmp_seq=12 ttl=64 time=0.073 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=13 ttl=64 time=0.082 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=14 ttl=64 time=0.065 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=15 ttl=64 time=0.073 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=16 ttl=64 time=0.057 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=17 ttl=64 time=0.071 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=18 ttl=64 time=0.066 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=19 ttl=64 time=3.85 ms 40.129:44446 [TCP] SA  
64 bytes from 127.0.0.1: icmp_seq=20 ttl=64 time=0.054 ms 97.221.82:80 [TCP] A  
64 bytes from 127.0.0.1: icmp_seq=21 ttl=64 time=0.073 ms 97.221.82:80 [TCP] PA  
64 bytes from 127.0.0.1: icmp_seq=22 ttl=64 time=0.059 ms 40.129:44446 [TCP] A  
64 bytes from 127.0.0.1: icmp_seq=23 ttl=64 time=0.060 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=24 ttl=64 time=0.074 ms 168.40.2:53 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=25 ttl=64 time=0.065 ms 40.129:54290 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=26 ttl=64 time=0.057 ms 40.129:54290 [UDP]  
64 bytes from 127.0.0.1: icmp_seq=27 ttl=64 time=0.064 ms 40.129:58786 [UDP]
```

## Email sent:



## DATABASE





## Final dashboard

who is lookup - Google S... Packet-Sniffer Dashboard x +

127.0.0.1:5000

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec

### Network Traffic Logs

Filter by IP Apply Filter

Timestamp	Source IP	Dest IP	Src Port	Dst Port	Protocol	Flags
2025-06-22 02:50:31.853557	151.101.129.108	192.168.40.129	443	47180	TCP	A
2025-06-22 02:50:31.843698	192.168.40.129	151.101.129.108	47180	443	TCP	A
2025-06-22 02:50:30.345153	23.48.226.9	192.168.40.129	80	40026	TCP	A
2025-06-22 02:50:30.332829	108.159.11.30	192.168.40.129	80	33740	TCP	A
2025-06-22 02:50:30.320829	192.168.40.129	23.48.226.9	40026	80	TCP	A
2025-06-22 02:50:30.308296	192.168.40.129	108.159.11.30	33740	80	TCP	A
2025-06-22 02:50:29.831665	192.168.40.129	142.250.66.1	51668	443	TCP	A
2025-06-22 02:50:29.827290	192.168.40.129	142.251.221.98	50344	443	TCP	A
2025-06-22 02:50:29.791186	142.251.221.98	192.168.40.129	443	50344	TCP	PA
2025-06-22 02:50:29.783602	142.250.66.1	192.168.40.129	443	51668	TCP	PA
2025-06-22 02:50:29.542857	142.251.222.131	192.168.40.129	80	37546	TCP	A
2025-06-22 02:50:29.538574	192.168.40.129	142.251.222.131	37546	80	TCP	A
2025-06-22 02:50:29.398523	142.251.221.98	192.168.40.129	443	50344	TCP	A
2025-06-22 02:50:29.394439	142.250.66.1	192.168.40.129	443	51668	TCP	A
2025-06-22 02:50:29.389943	192.168.40.129	142.251.221.98	50344	443	TCP	PA
2025-06-22 02:50:29.383567	192.168.40.129	142.250.66.1	51668	443	TCP	PA
2025-06-22 02:50:29.197445	13.107.246.58	192.168.40.129	443	41580	TCP	A
2025-06-22 02:50:29.192440	13.107.246.58	192.168.40.129	443	41580	TCP	A
2025-06-22 02:50:29.187256	13.107.246.58	192.168.40.129	443	41580	TCP	A

