

1800-Ubuntu20.04 (Running) - Oracle VM VirtualBox

Activities Text Editor

Oct 5 13:44

sniffer.py

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docker-compose.yml sniffer.py sniffer.py

```
1#!/usr/bin/python3
2from scapy.all import *
3
4def print_and_send_pkt(pkt):
5    if IP in pkt and ICMP in pkt and pkt[IP].src == "10.10.10.10":
6        print("Captured ICMP Packet:")
7        pkt.show()
8
9        # Construct a new ICMP packet
10       new_pkt = IP(src=pkt[IP].dst, dst=pkt[IP].src)/ICMP(id=pkt[ICMP].id, seq=pkt[ICMP].seq, type=0)/Raw(load=b'COMP8677-
11       harshilpanchal')
12
13       # Send the new packet
14       new_pkt.show()
15       send(new_pkt)
16
17# Capture packets
18print("*****SNIFFING PACKETS*****")
19pkt = sniff(filter="icmp", iface="br-a2794c2876cf", prn=print_and_send_pkt)
```

Python 3 Tab Width: 8 Ln 17, Col 35 PG 5

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