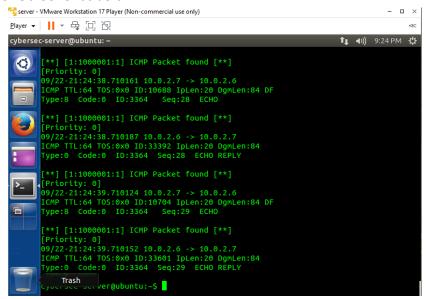
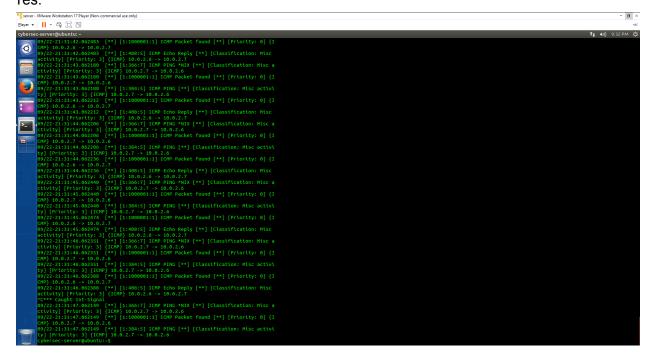
Task 1

Have you received alerts from the ping attempt? Yes i have. Screenshot below

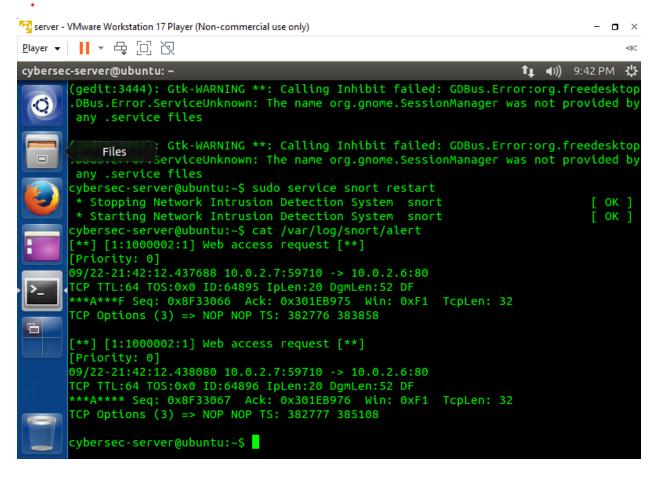


Task 2

Have you received alert messages for the ICMP packets in IDS mode? Yes.



Task 3
Q3. Have you received alert messages for Web access? Please provide screenshot

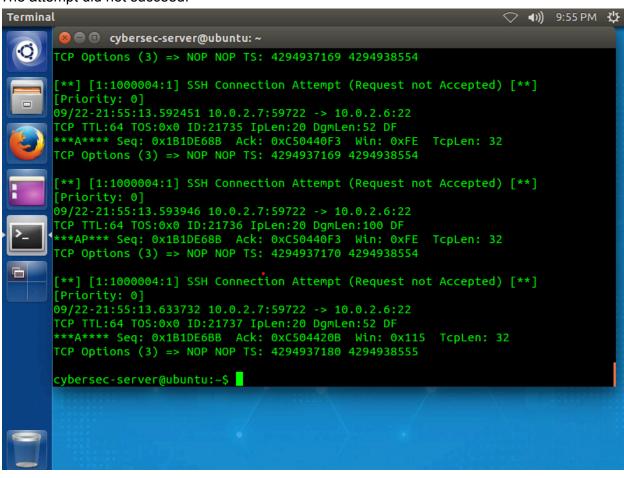


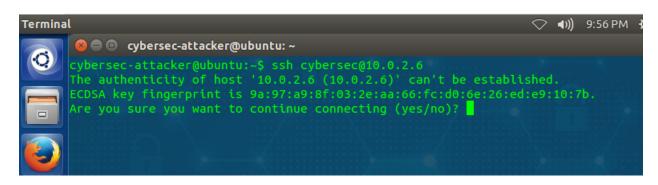
Q4. Have you received alert messages for Source Quench packets? Please provide screenshot to support your answer

```
** END OF DUMP
[**] [1:1000001:1] ICMP Packet found [**]
[Priority: 0]
09/22-21:49:36.841898 10.0.2.6 -> 10.0.2.8
ICMP TTL:255 TOS:0x0 ID:12880 IpLen:20 DgmLen:56
Type:4 Code:0 SOURCE QUENCH
** ORIGINAL DATAGRAM DUMP:
10.0.2.8 -> 10.0.2.6
ICMP TTL:64 TOS:0x0 ID:8006 IpLen:20 DgmLen:84 DF
Type: 8 Code: 0 Csum: 7133 Id: 2886 SeqNo: 12
** END OF DUMP
[**] [1:1000003:1] ICMP source quench [**]
[Priority: 0]
09/22-21:49:36.841903 10.0.2.6 -> 10.0.2.6
ICMP TTL:255 TOS:0x0 ID:5112 IpLen:20 DgmLen:56
Type:4 Code:0 SOURCE QUENCH
** ORIGINAL DATAGRAM DUMP:
10.0.2.6 -> 10.0.2.8
ICMP TTL:64 TOS:0x0 ID:7886 IpLen:20 DgmLen:84
Type: 0 Code: 0 Csum: 9181 Id: 2886 SeqNo: 12
** END OF DUMP
[**] [1:1000001:1] ICMP Packet found [**]
[Priority: 0]
09/22-21:49:36.841903 10.0.2.6 -> 10.0.2.6
ICMP TTL:255 TOS:0x0 ID:5112 IpLen:20 DgmLen:56
Type:4 Code:0 SOURCE QUENCH
** ORIGINAL DATAGRAM DUMP:
10.0.2.6 -> 10.0.2.8
ICMP TTL:64 TOS:0x0 ID:7886 IpLen:20 DgmLen:84
Type: 0 Code: 0 Csum: 9181 Id: 2886 SeqNo: 12
** END OF DUMP
[**] [1:527:8] BAD-TRAFFIC same SRC/DST [**]
[Classification: Potentially Bad Traffic] [Priority: 2]
09/22-21:49:36.841903 10.0.2.6 -> 10.0.2.6
ICMP TTL:255 TOS:0x0 ID:5112 IpLen:20 DgmLen:56
Type:4 Code:0 SOURCE QUENCH
** ORIGINAL DATAGRAM DUMP:
10.0.2.6 -> 10.0.2.8
ICMP TTL:64 TOS:0x0 ID:7886 IpLen:20 DgmLen:84
Type: 0 Code: 0 Csum: 9181 Id: 2886 SeqNo: 12
```

Q5. Have you received alert messages for SSH connection Attempt? Did the connection attempt succeed?

The attempt did not succeed.





Q6. Have you received alert messages for Telnet connection established from Attacker to Server? Did the telnet connection attempt from Attacker to Server succeed? Please provide screenshot to support your answer. Also, mention the rule that was added to "local.rules" to create this alert.

The rule applied is a slightly modified from the previous activity.

reject tcp any any -> 10.0.2.6 23 (msg:"Telnet Attack"; sid:1000005;rev:1;)

Reject -> Rejects any attempt
TCP -> As Hint suggested, The attack goes through the TCP
10.0.2.6 -> Server IP (Targeted system)
23 -> The attack targets port 23
Msg -> Modified to identify the type of attack
(Screenshots Below)

