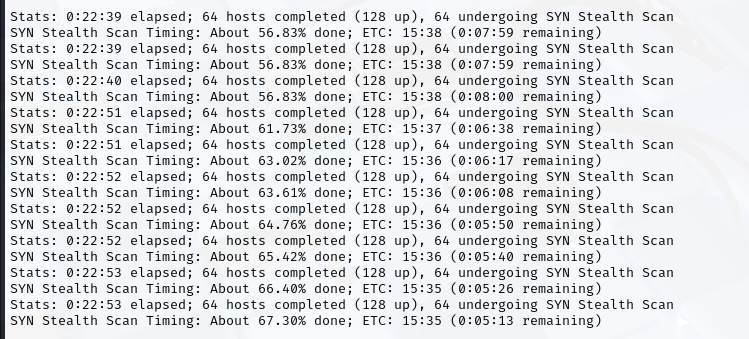
**CosmiCode** **internship**

**Internee Name: Mustafa Ihsan Domain: Cyber Security**

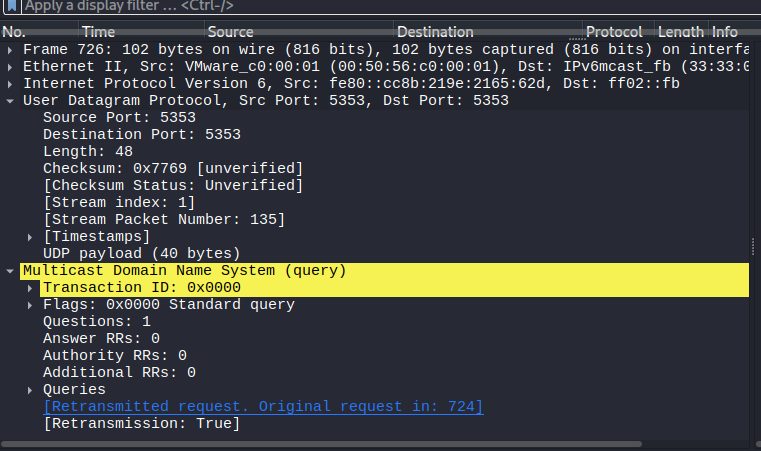
**Week: 2 Network**

**Conduct a detailed network scan using advanced Nmap features:**

****

****

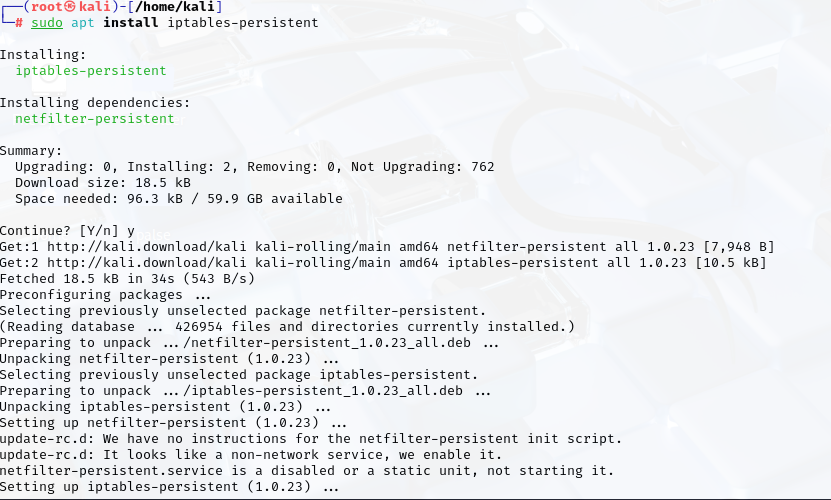
**Use Wireshark to identify and analyze network anomalies:**

****

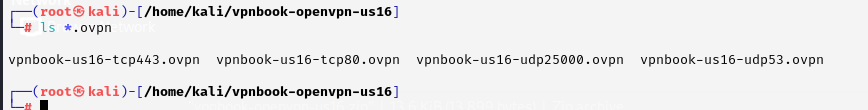
**Configure a basic firewall on a Linux system using iptables:**

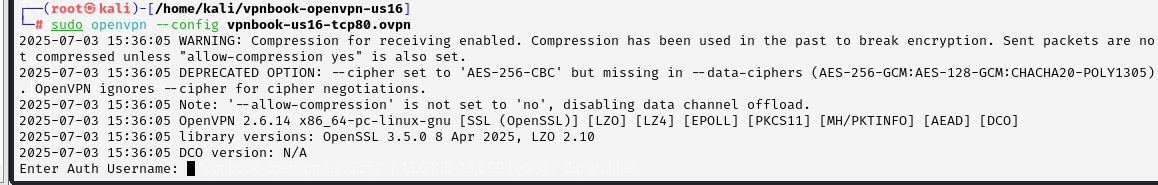
****

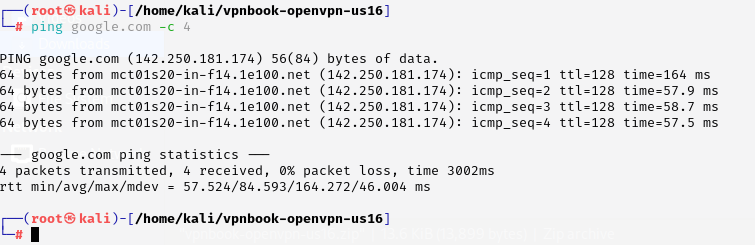
****

****

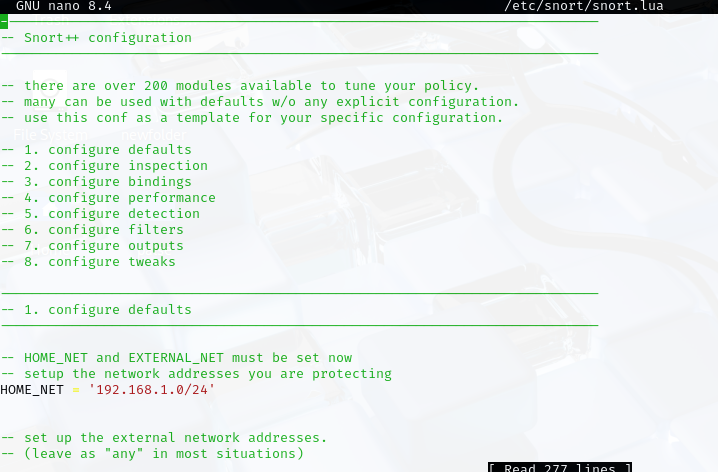
**Set up a simple Virtual Private Network (VPN) and test connectivity:**

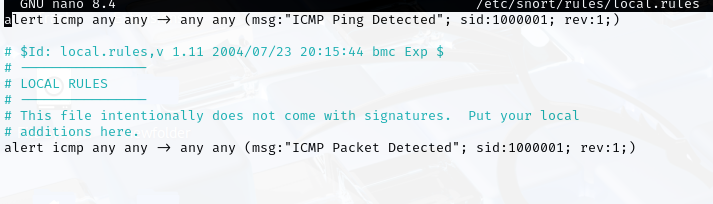
****

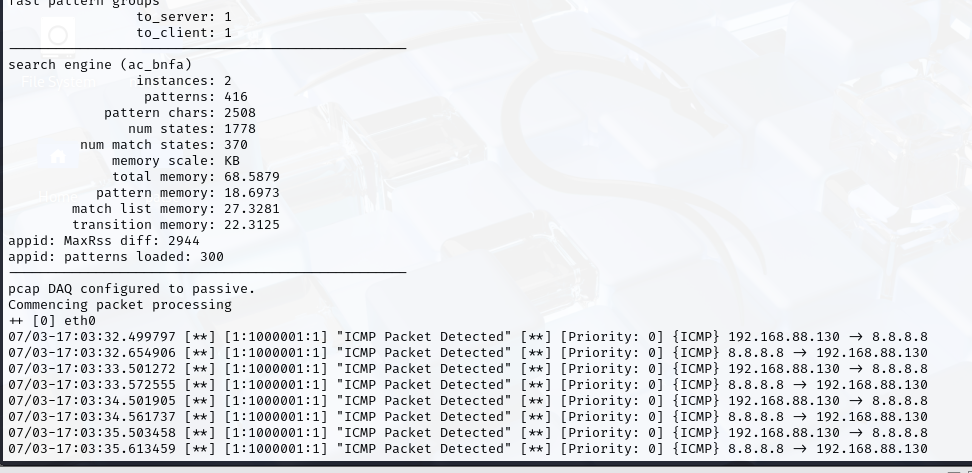
****

****

**Implement basic Intrusion Detection System (IDS) rules using Snort:**

****

****

****