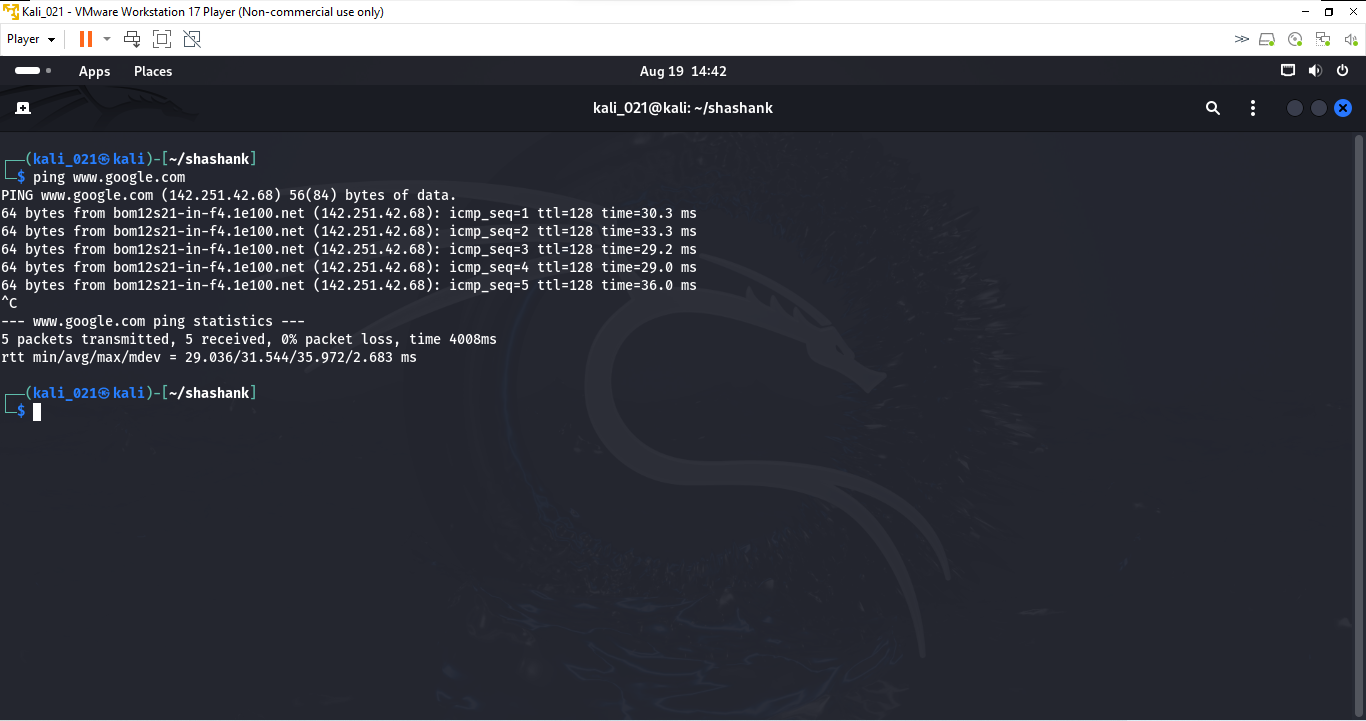
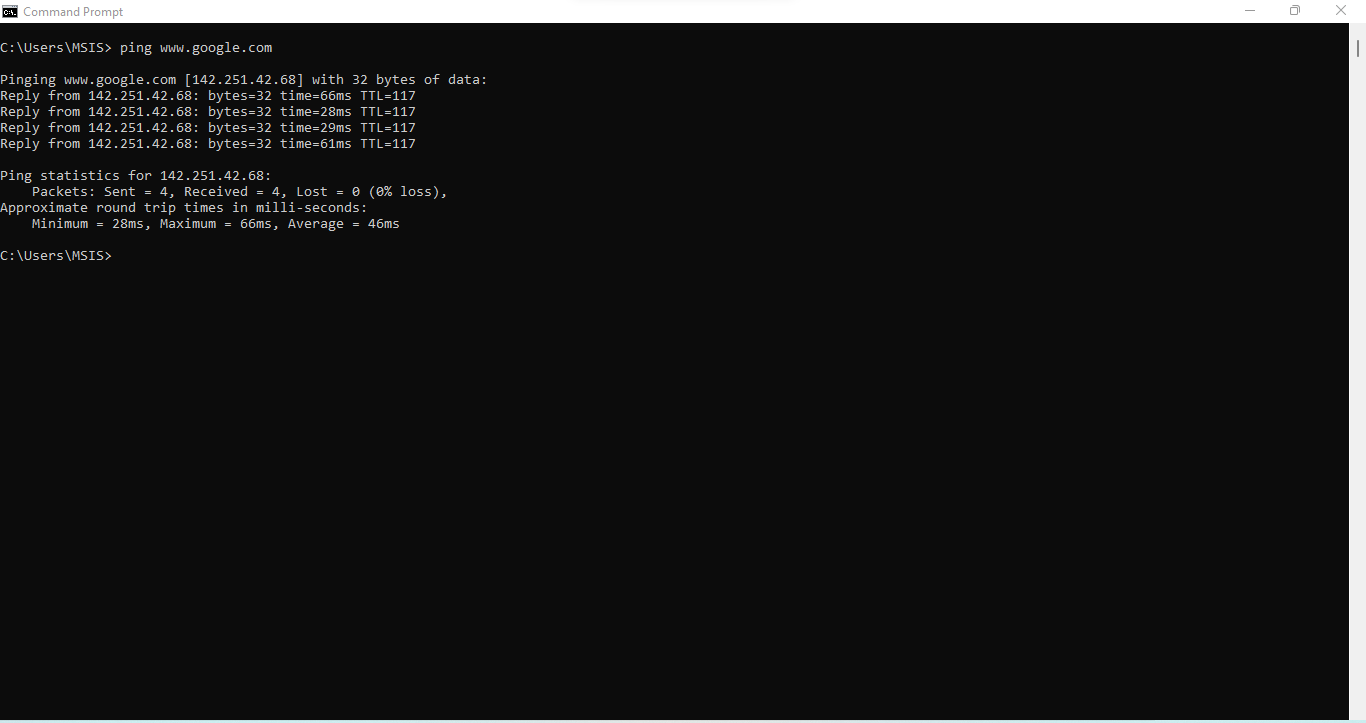
**Network Commands**

**Ping:**

The ping command is used to test the reachability of a network device or host, such as a server or website, on an IP network.

* ping www.google.com

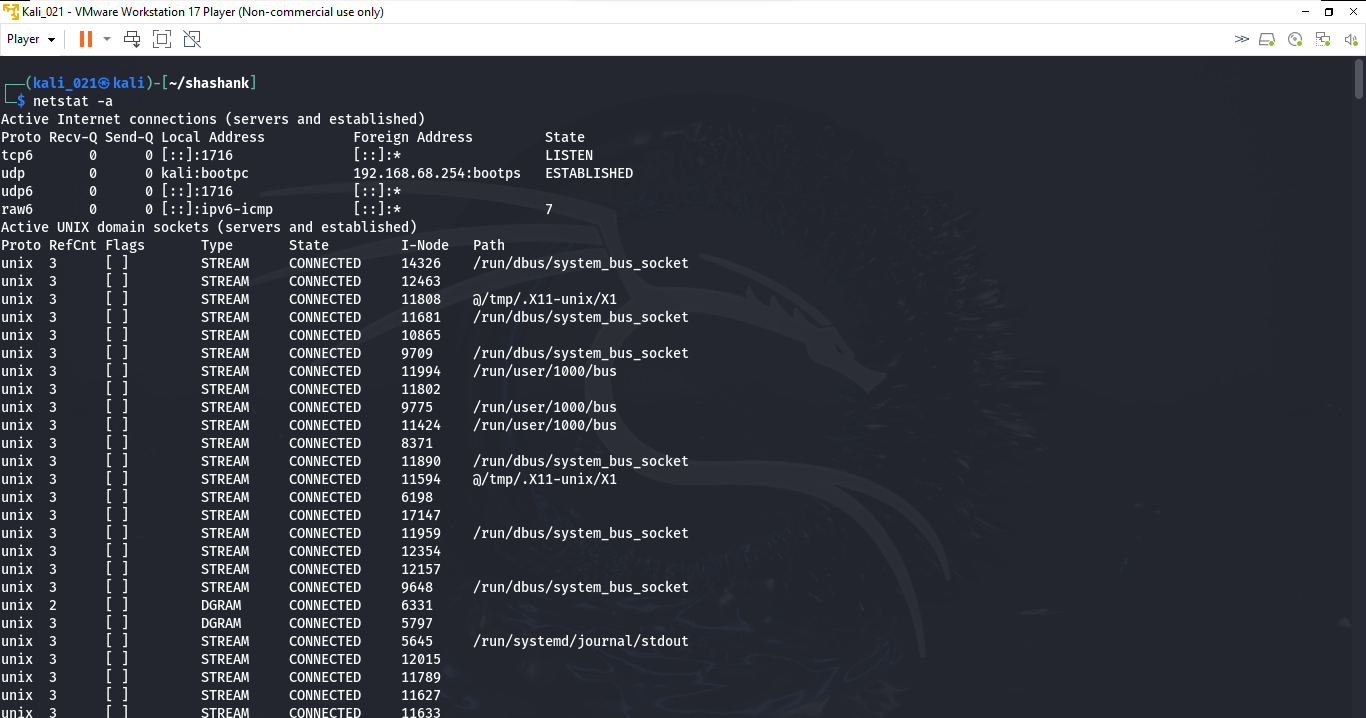
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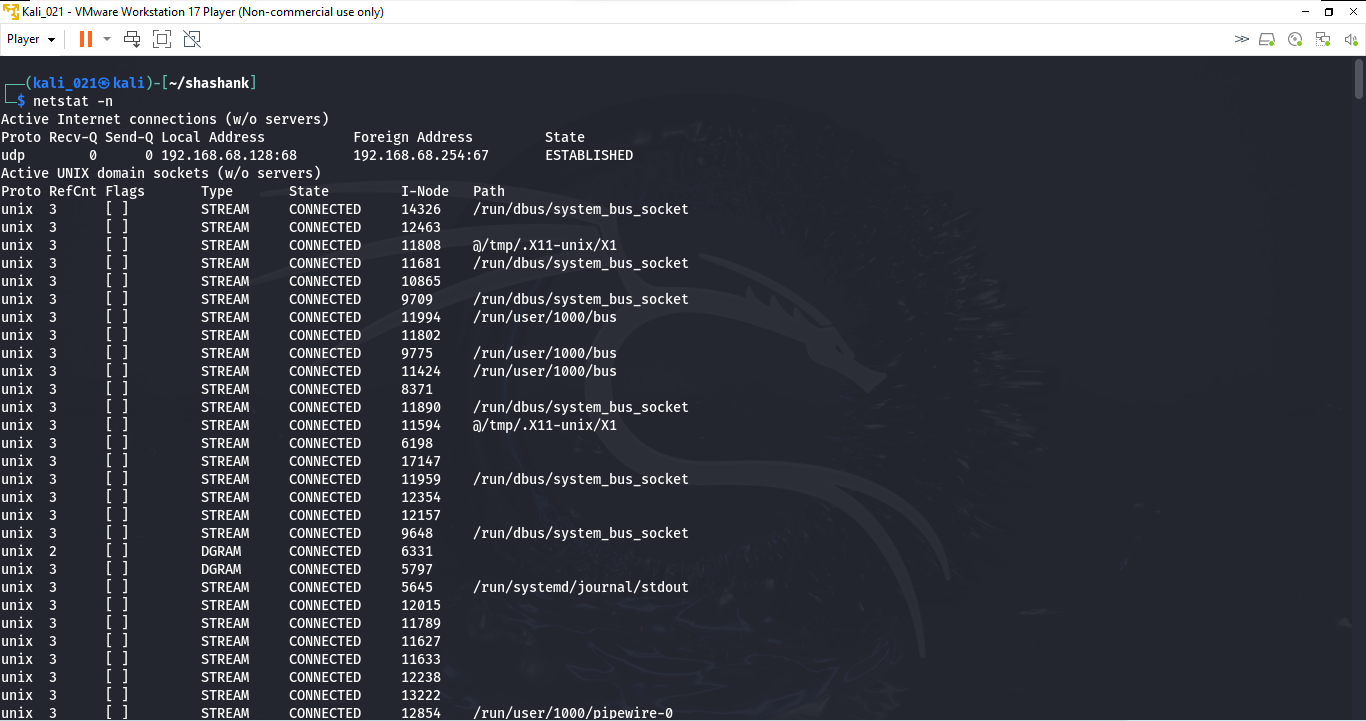
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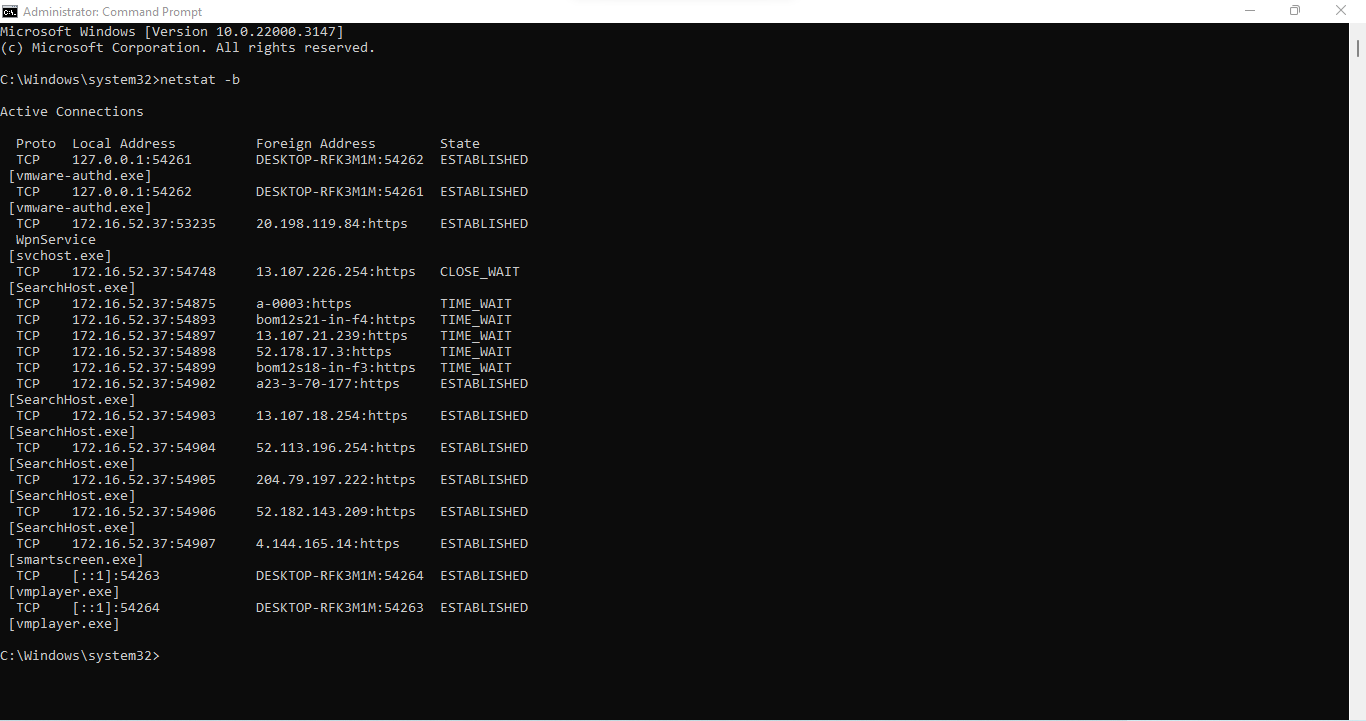
**Netstat:**

The netstat command generates displays that show network status and protocol statistics

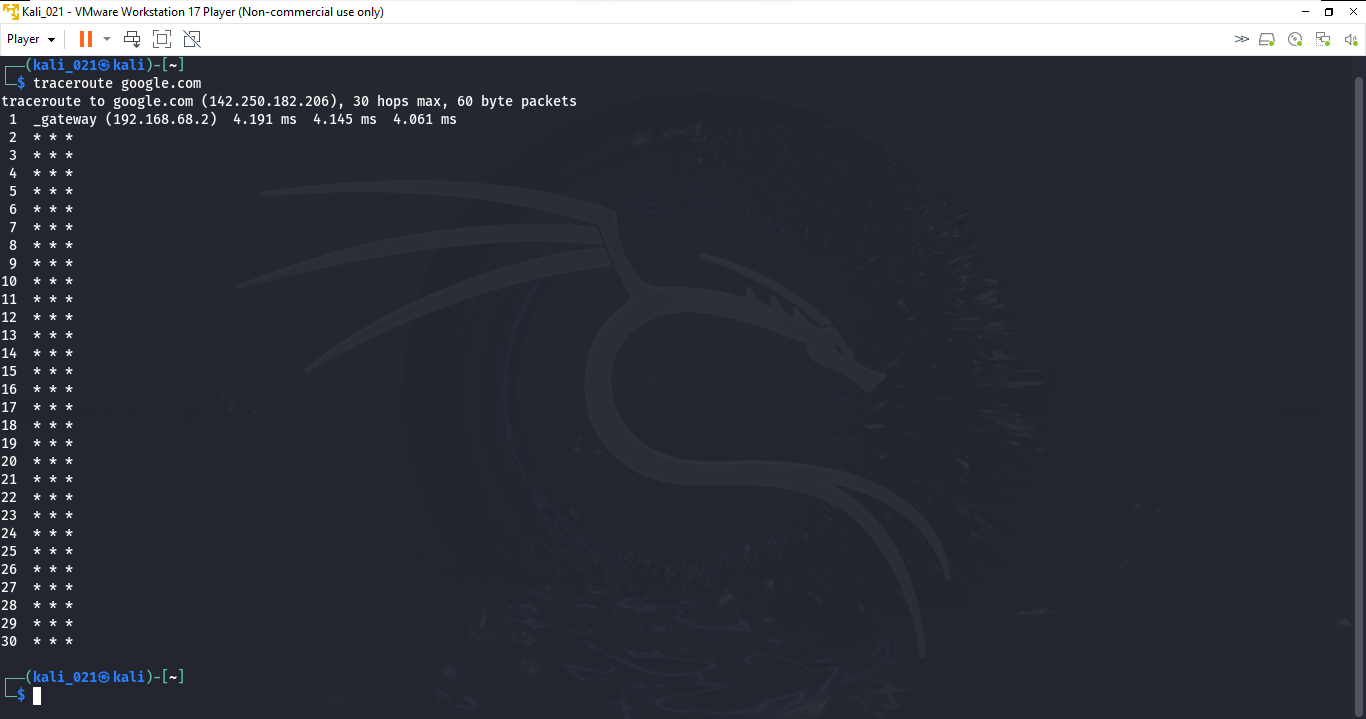
* **netstat -a**: Shows all active connections and listening ports. This includes TCP and UDP connections.
* **netstat -n**: Command provides a numeric view of network connections and their details, bypassing the DNS resolution step.
* **netstat -b**: This command displays the executable (or binary) associated with each network connection.



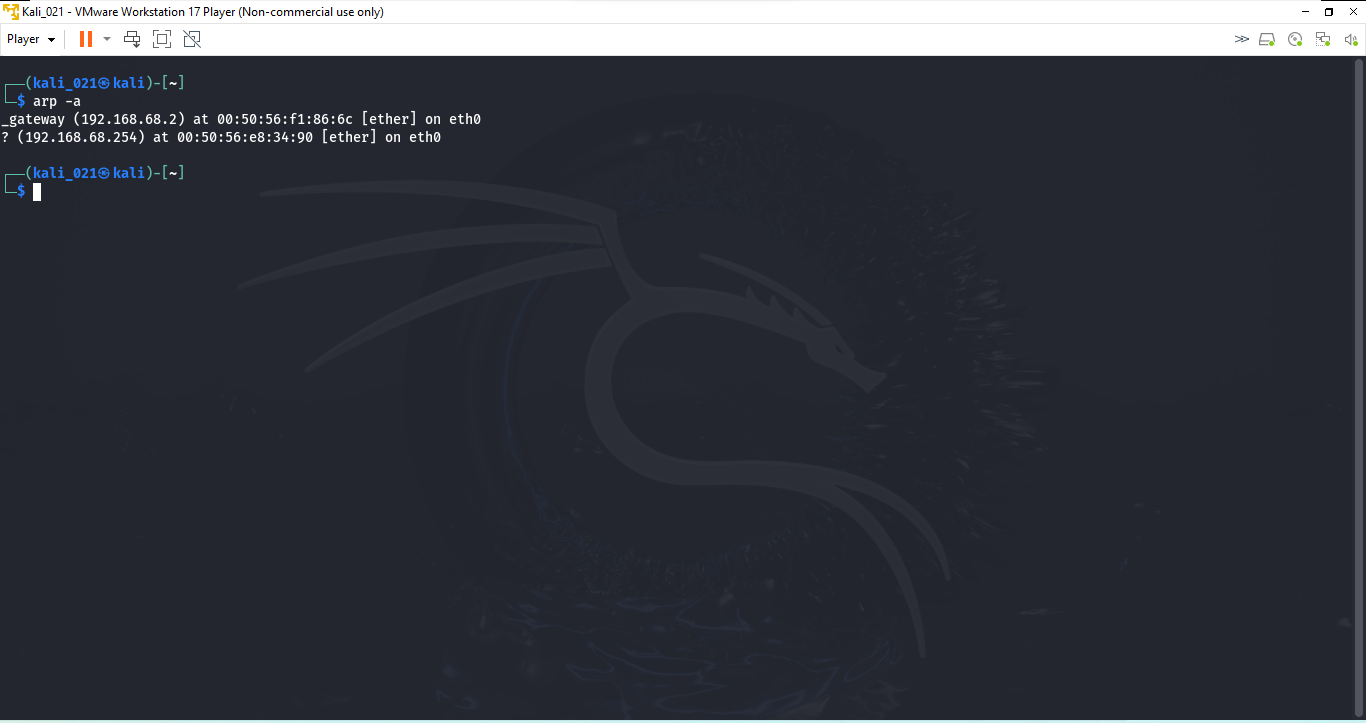


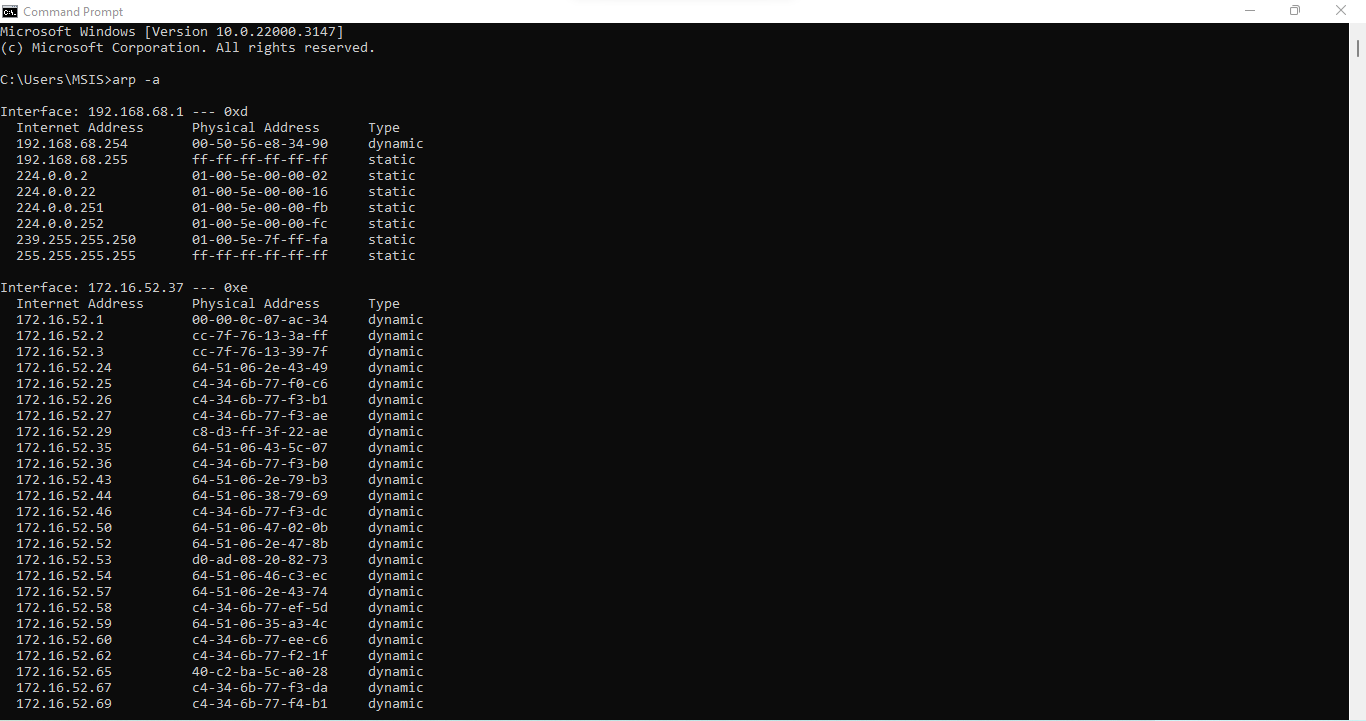


**Traceroute:**  Used to track in real-time the pathway taken by a packet on an IP network from source to destination, reporting the IP addresses of all the routers it pinged in between.

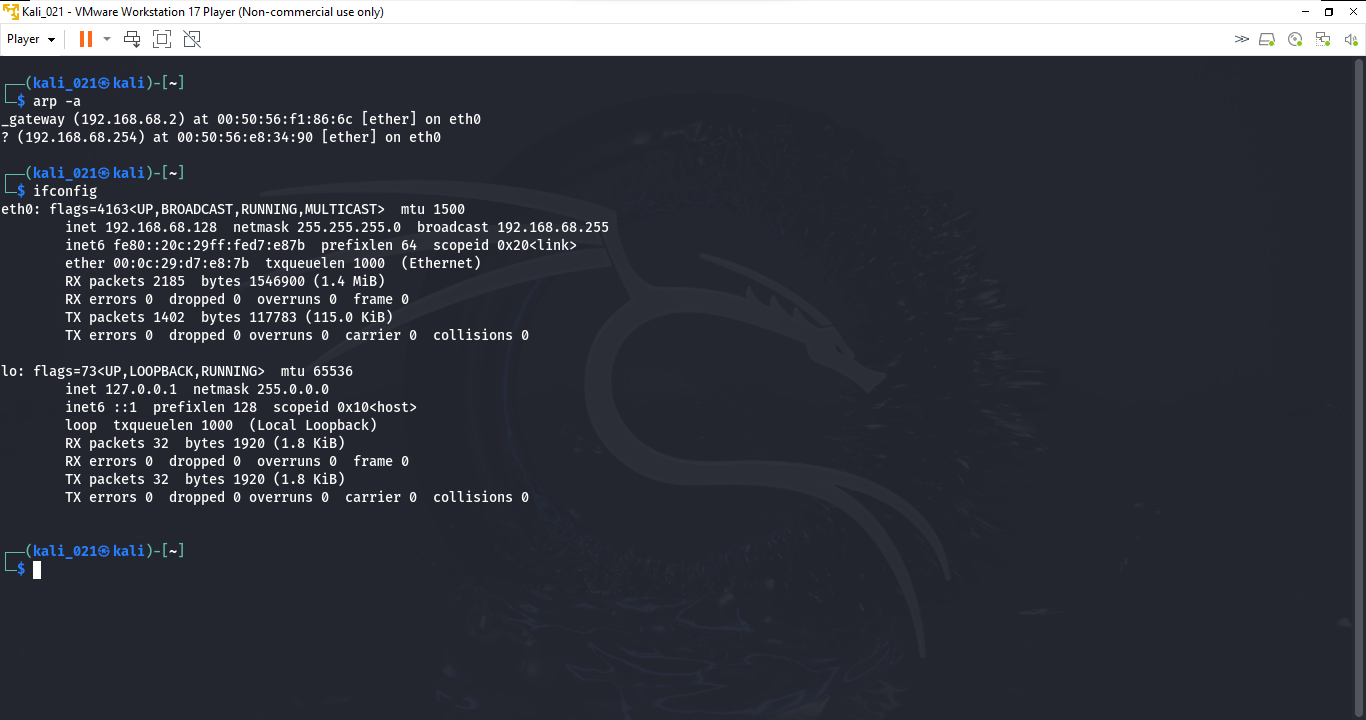
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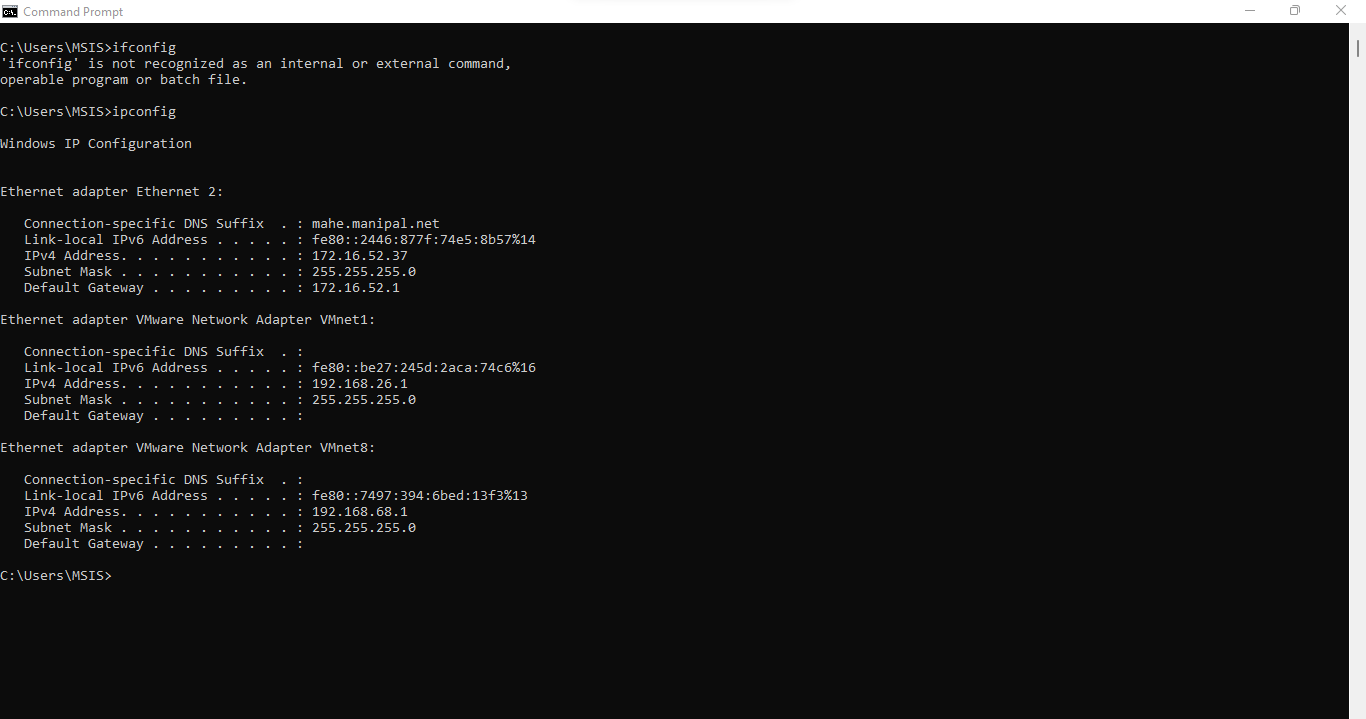
arp -a

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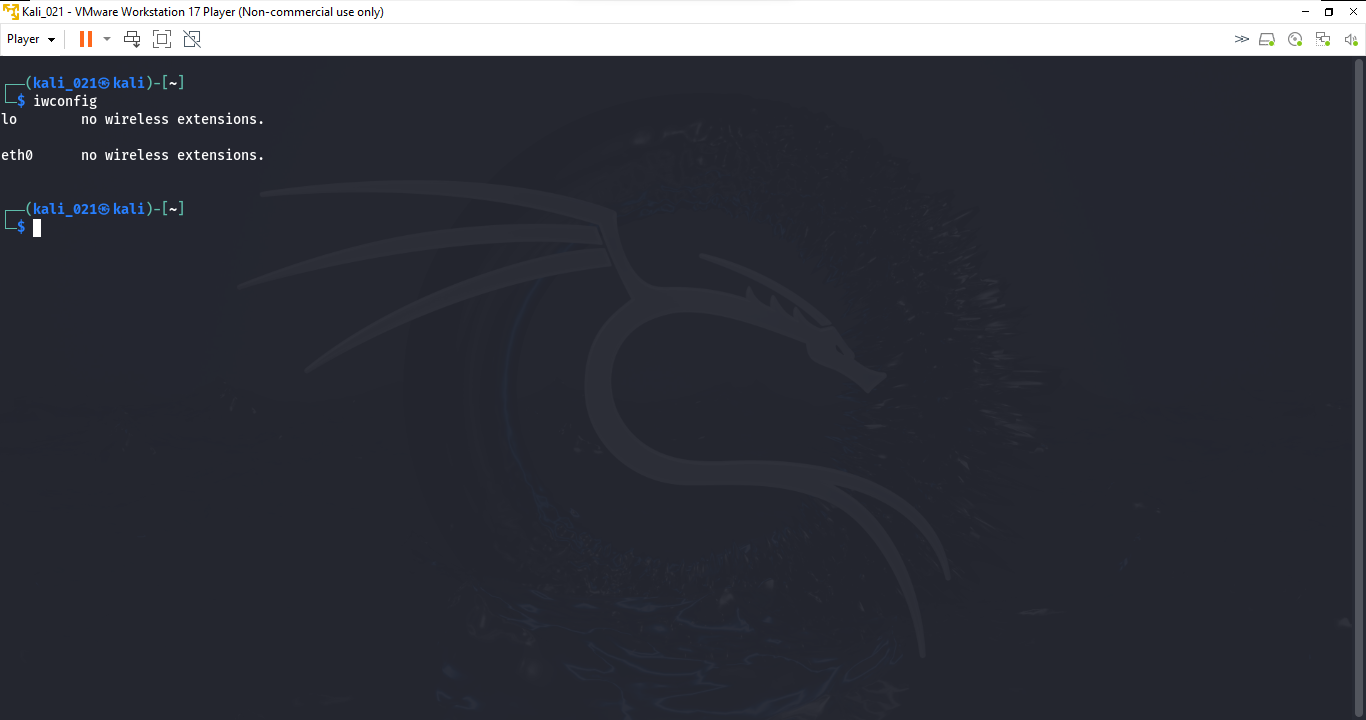
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**Ifconfig**

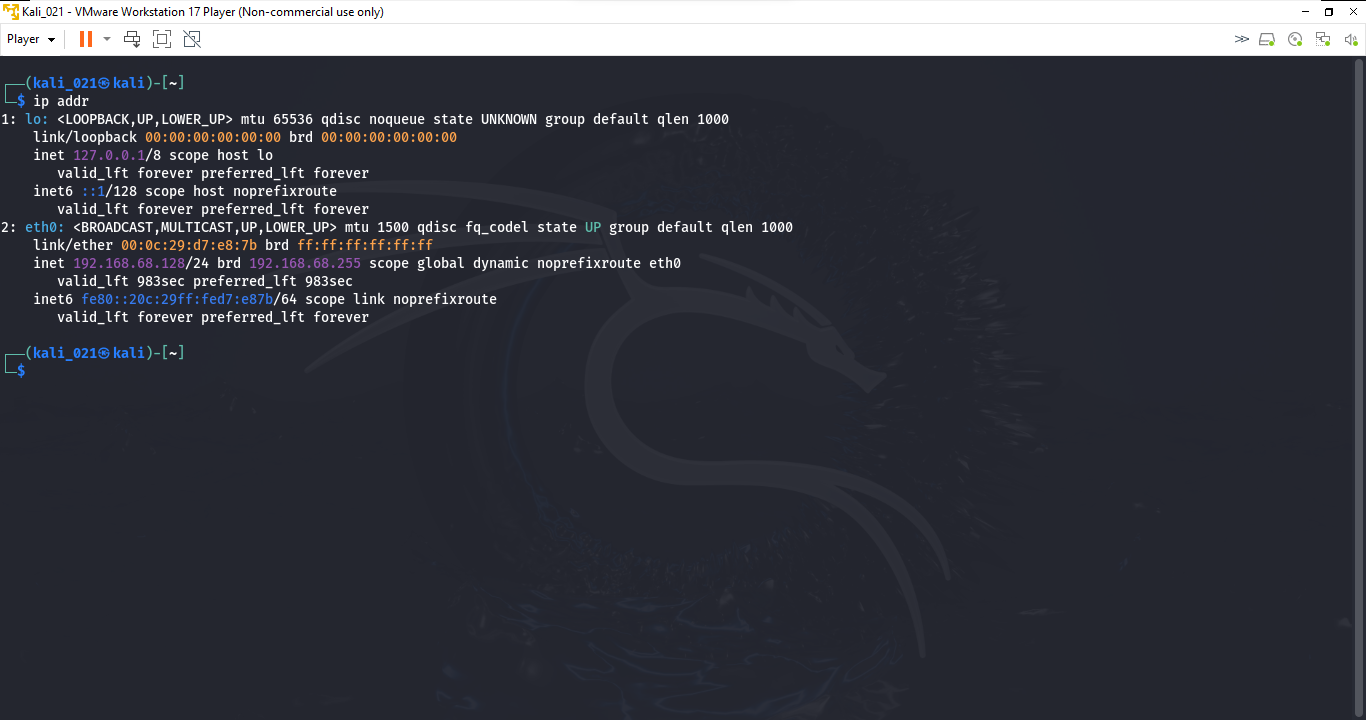
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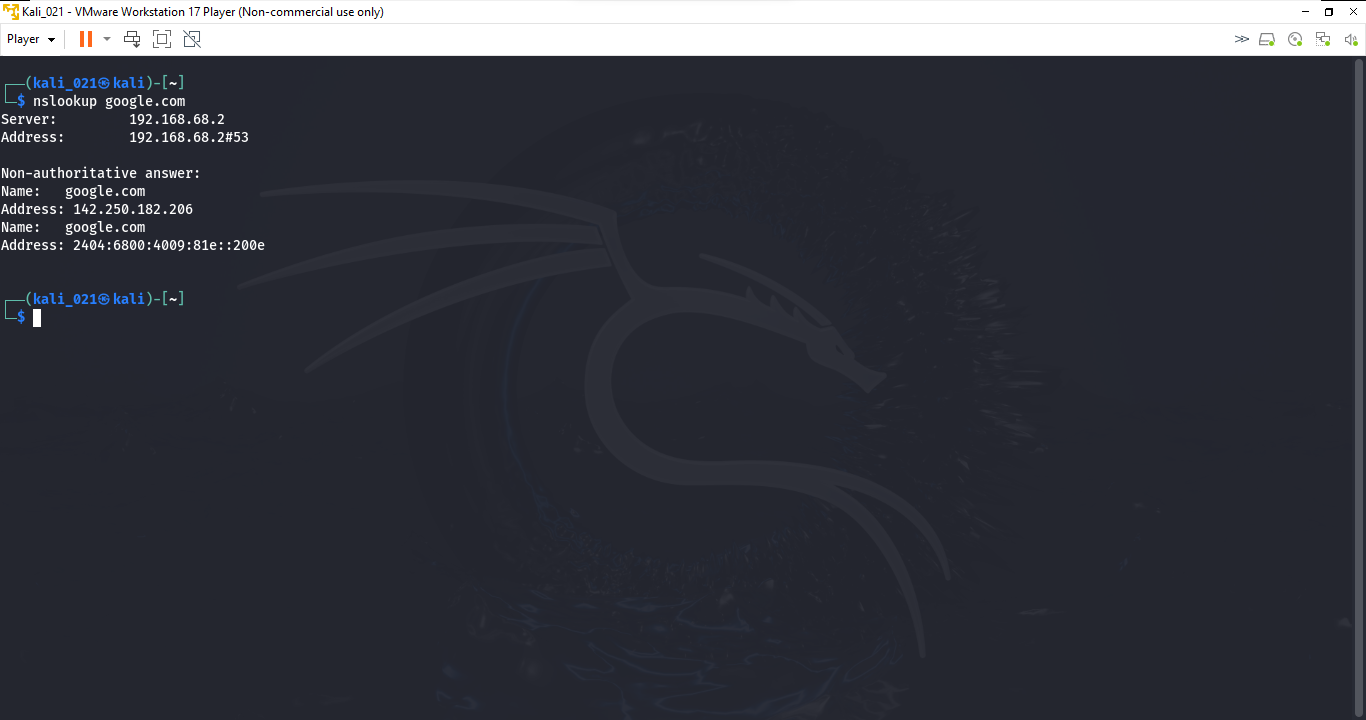
**iwconfig**

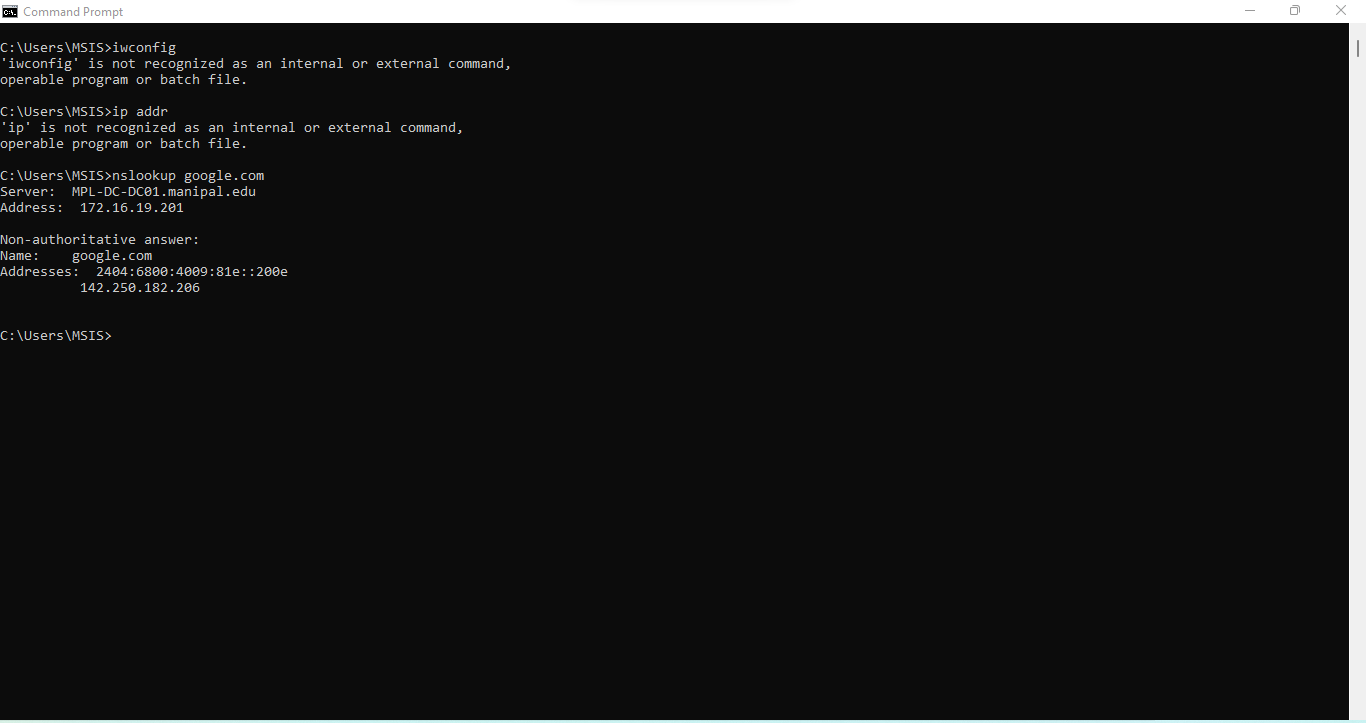
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**Ip addr**

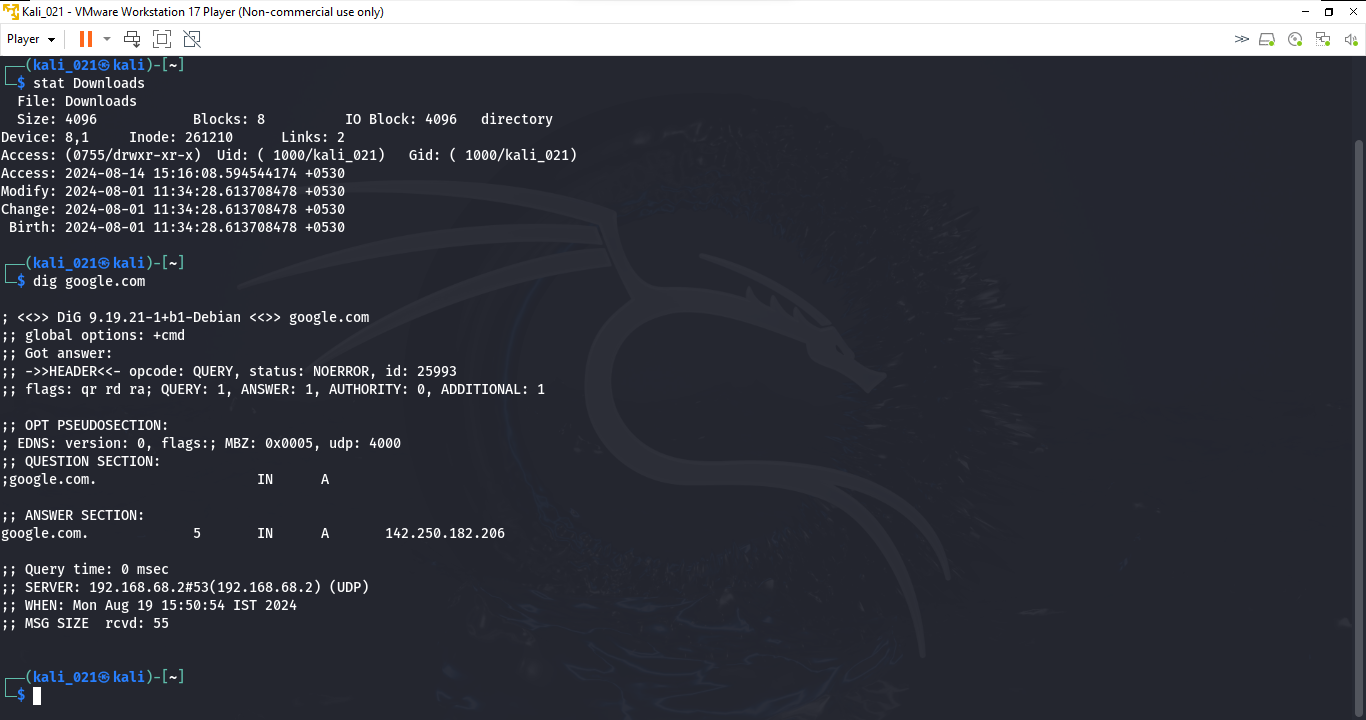
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**nslookup**

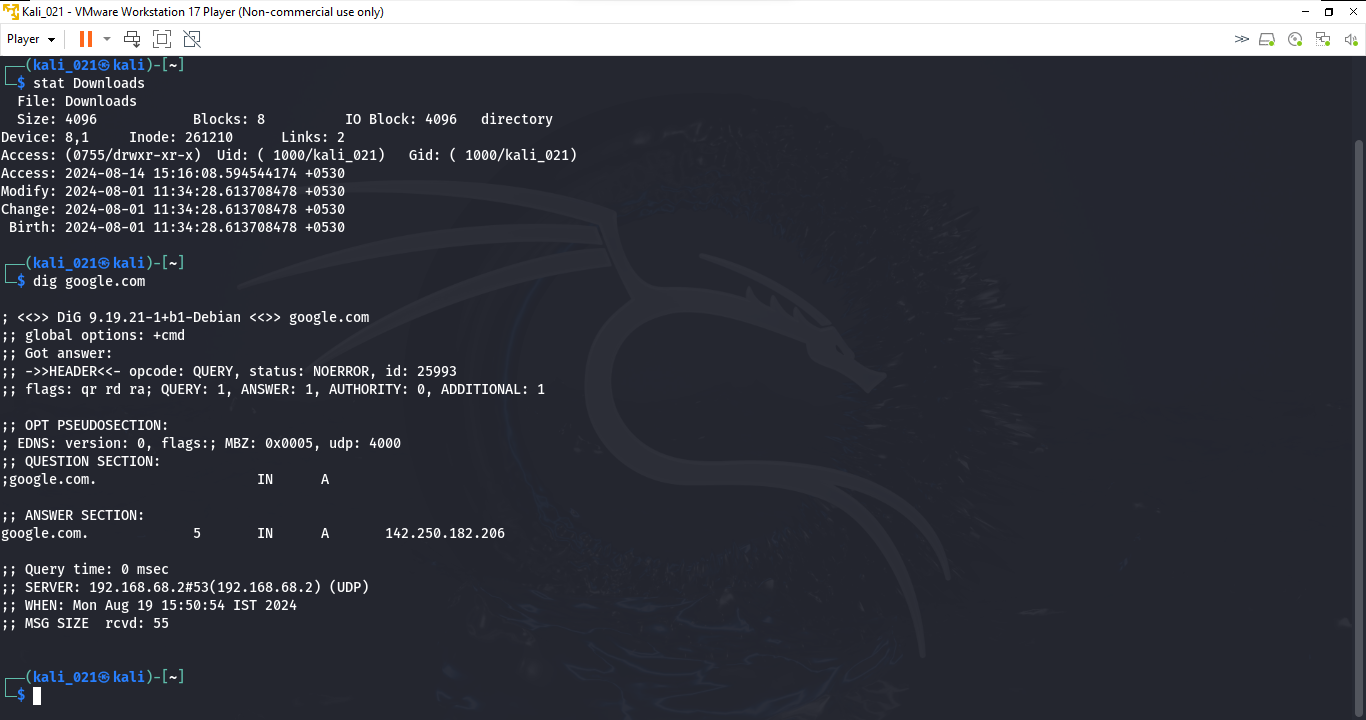
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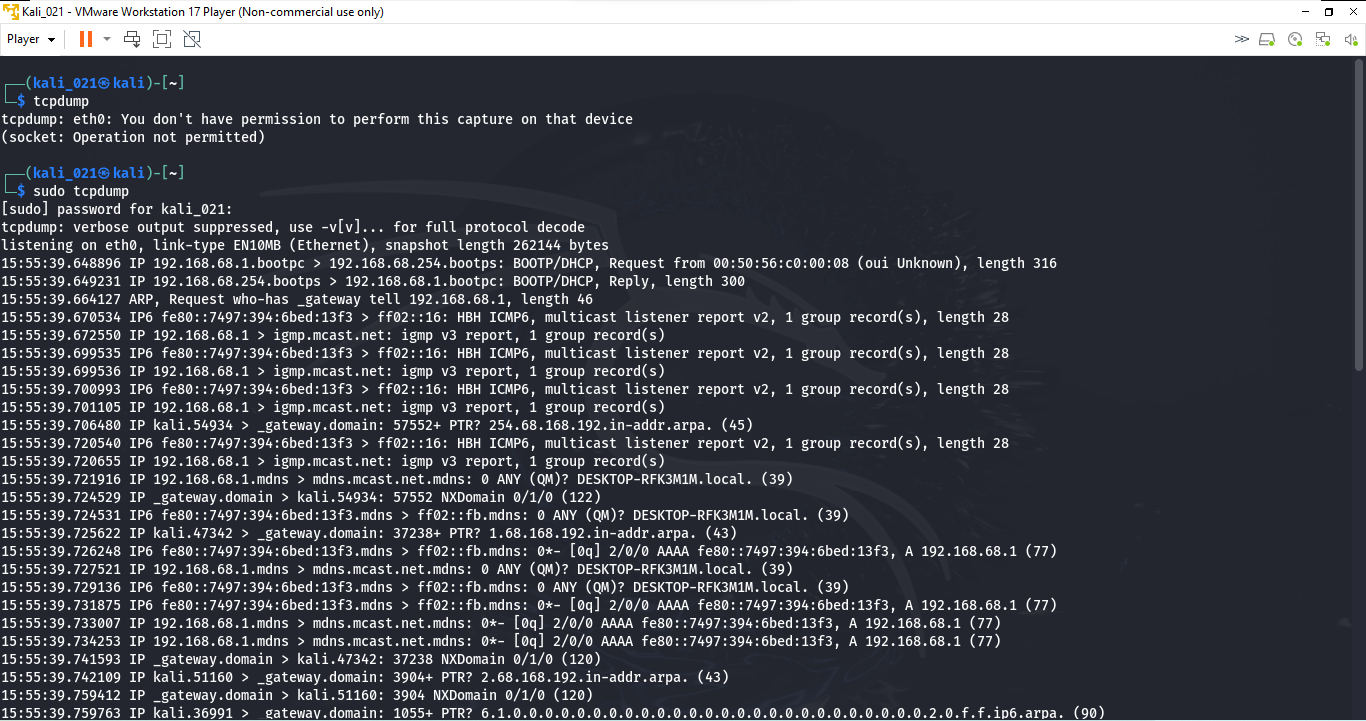
**Dig**

****

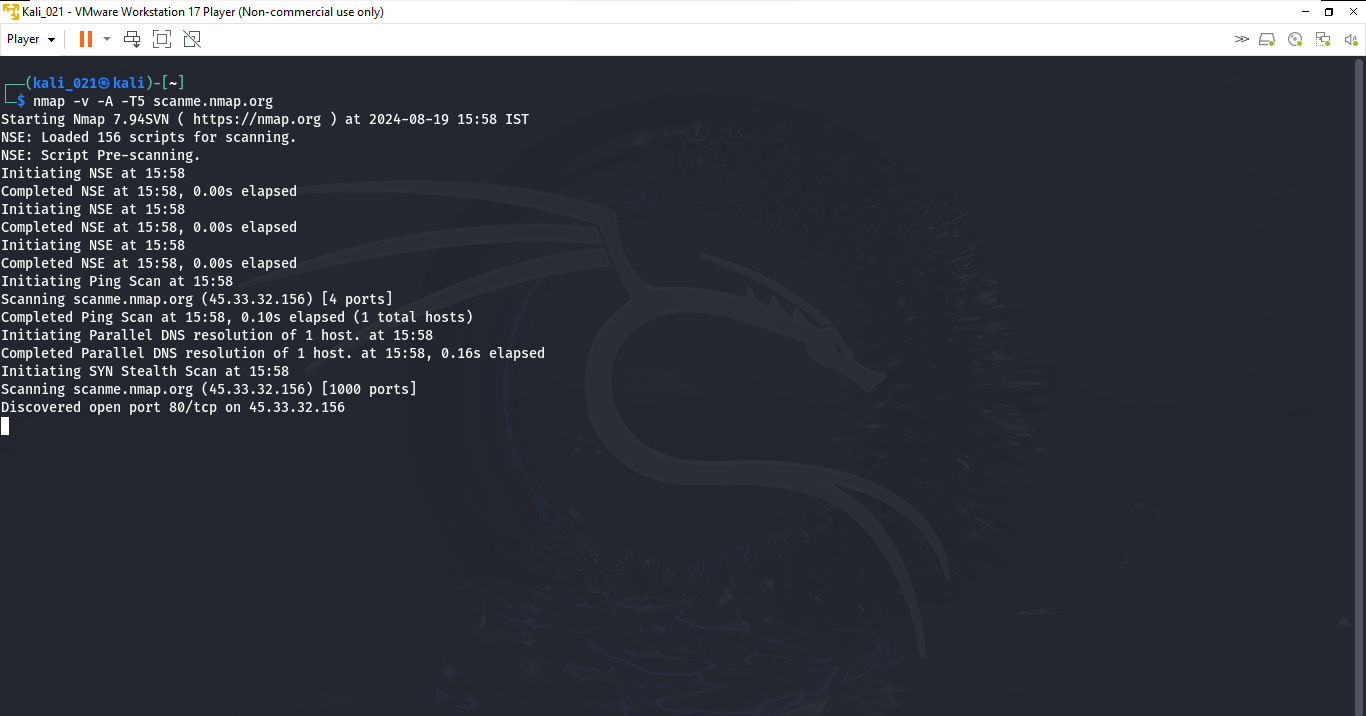
**Stat**

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**Tcpdump**

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**Nmap**

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