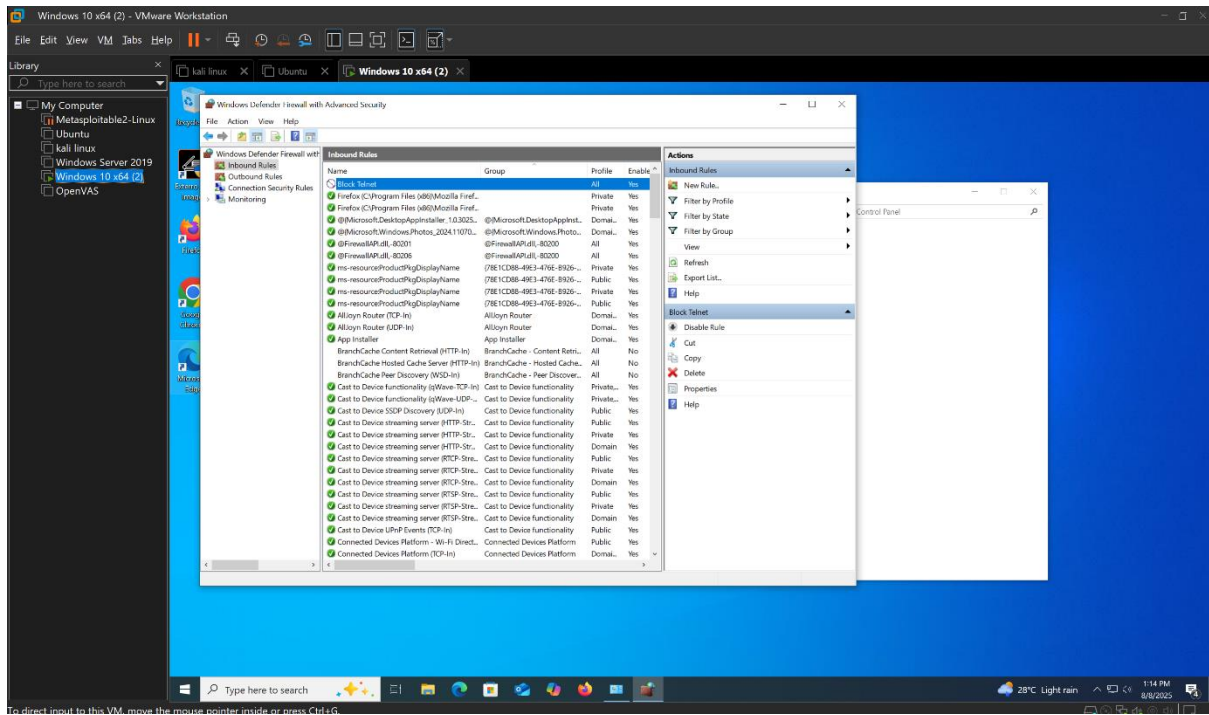


TASK 4

Setup and Use a Firewall on Windows/Linux

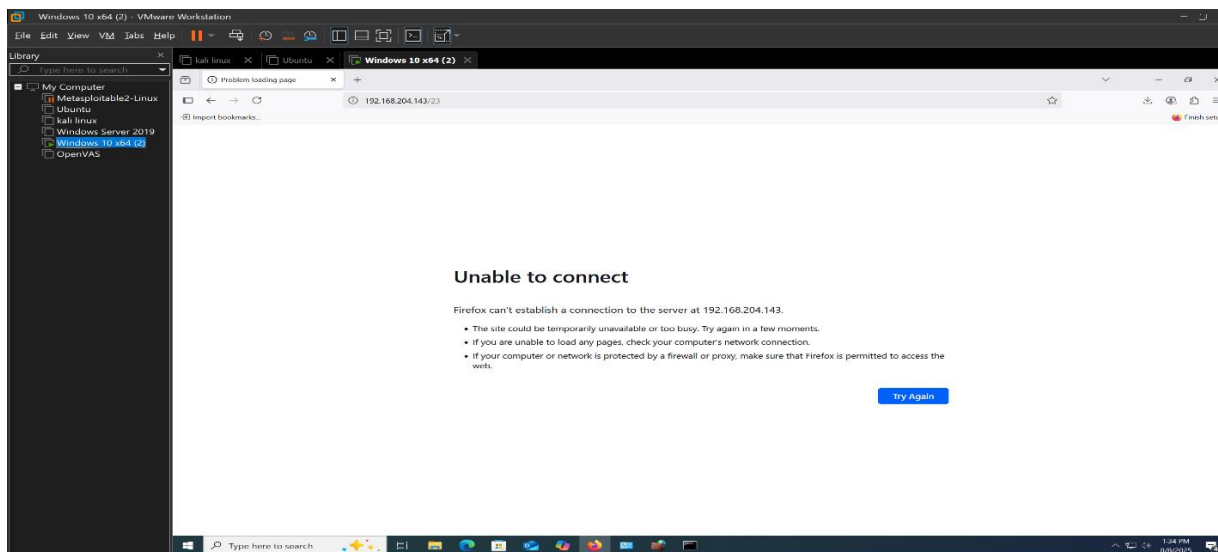
To perform this task I used the GUI interface in Windows:

Started by entering in the Task Manager -> Security and System -> Advanced settings and configured the Inbound Rules. Started there by adding a new Inbound rule and blocked port no. 23 (Telnet).

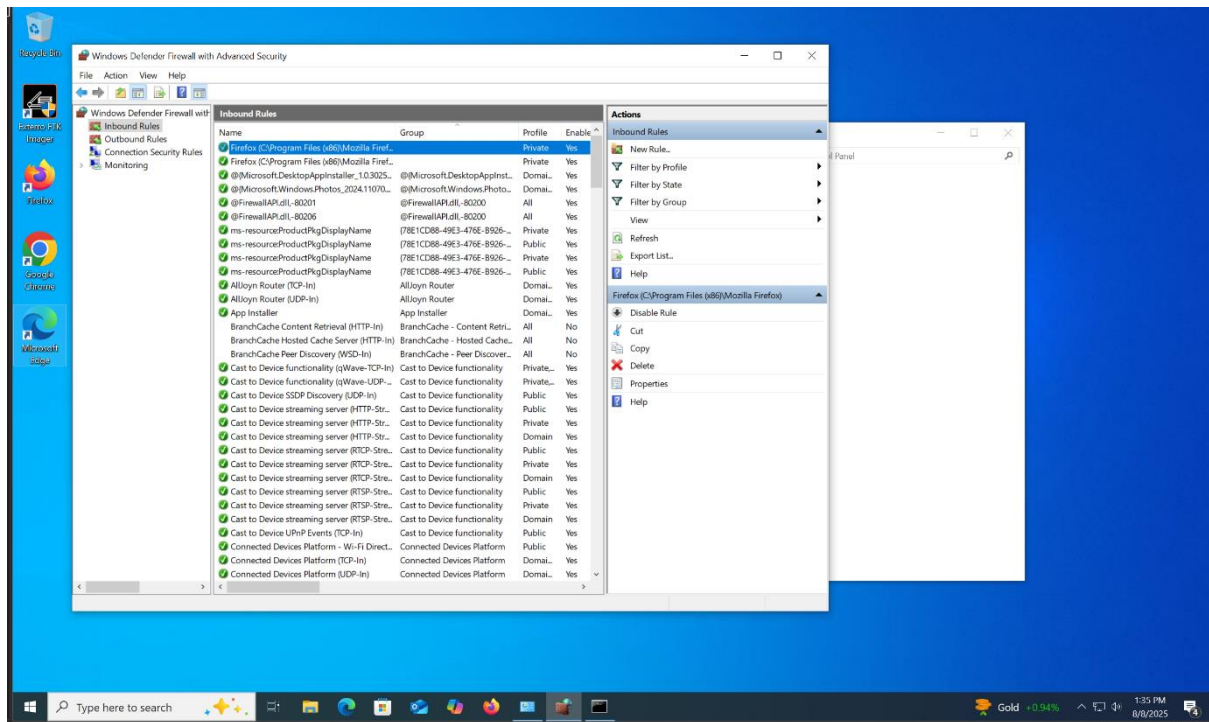


In the above image attached you can see the Telnet service is blocked.

After configuring the rule I tried to establish connection it failed:



Then as told I deleted the rule:



How Firewalls Filter Traffic

- ✓ Firewalls examine all incoming and outgoing network packets.
- ✓ They compare traffic against their rule set, defined by *port*, *protocol*, *IP address*, and *direction*.
- ✓ Inbound rules block or allow connections coming into your system; outbound rules do the same for outgoing connections.
- ✓ Rules work in priority order, top to bottom.