

WINDOWS FIREWALL

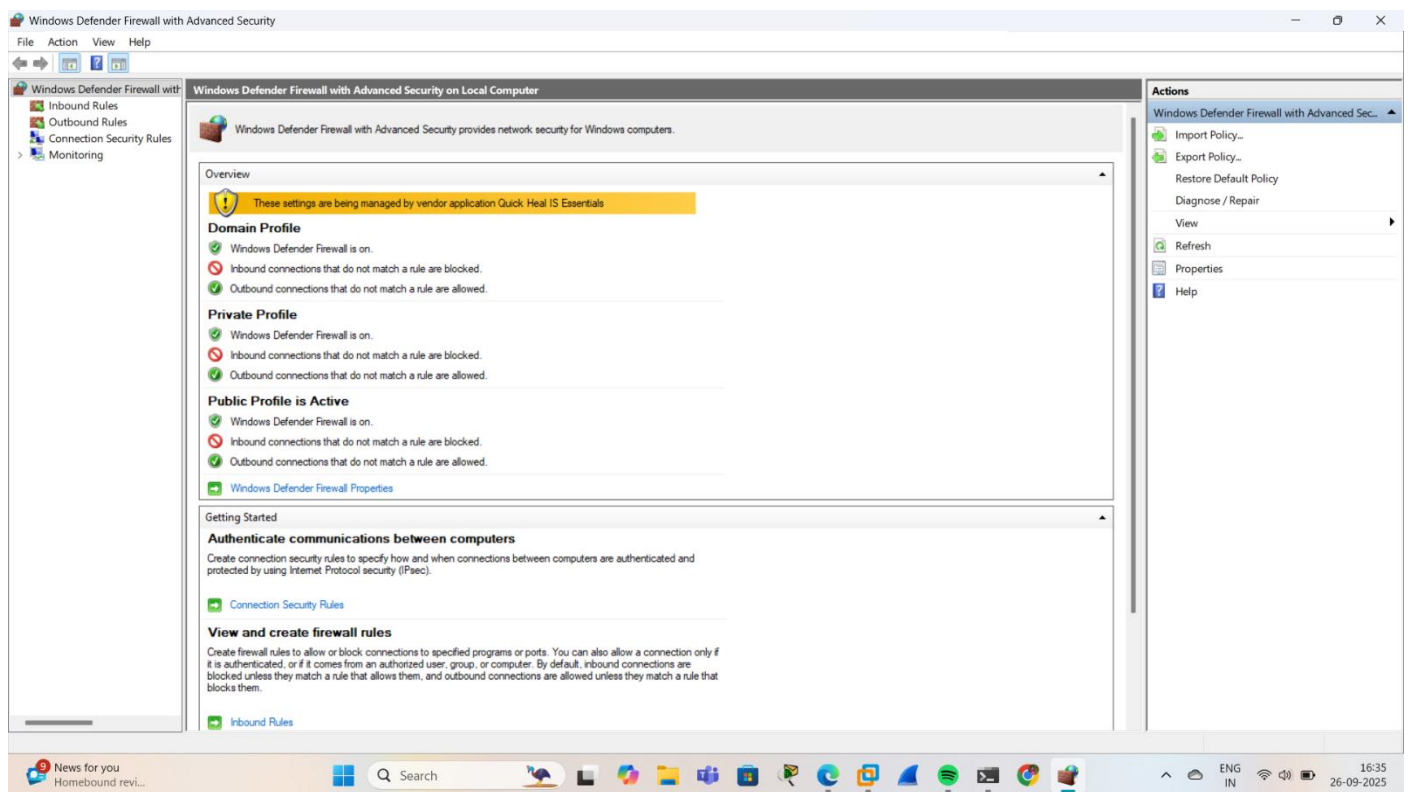
Firewall : Windows Firewall (officially Windows Defender Firewall) is the built-in network filtering component of Windows that helps protect your PC by controlling incoming and outgoing network traffic according to a set of rules. It acts like a gatekeeper: it allows safe traffic and blocks suspicious or unwanted connections.

For windows OS - OFFICIALLY WINDOWS DEFENDER FIREWALL

For Linux OS – UFW (UNCOMPLICATED FIREWALL)

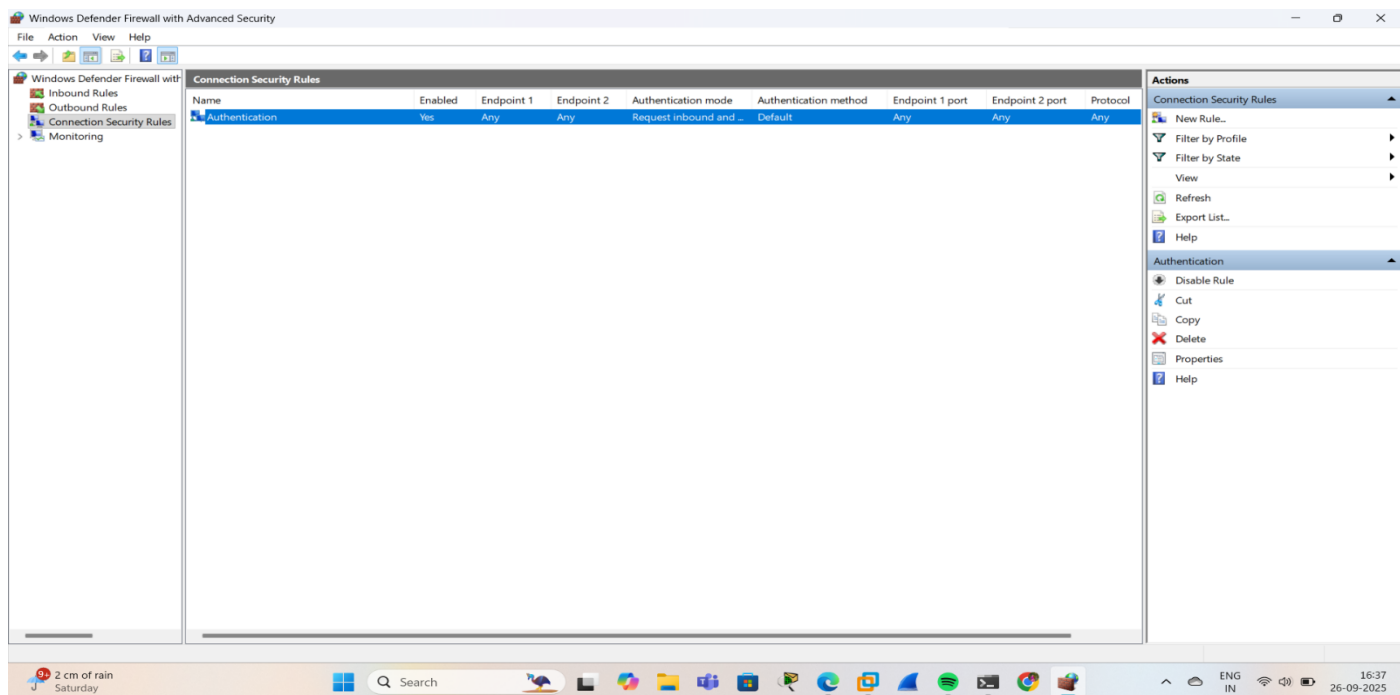
In Windows OS

- By opening windows+R press enter, wf.msc , it opens the Windows Defender Firewall with Advanced Security.
- From there, we can
 - Allow/block apps
 - Create inbound/outbound rules
 - Check network profiles (Domain, Private, Public)



By opening we can see like this for windows

This is the firewall connection security rule created



In this Below pic, can see the outbound traffic scanning of Firewall, Similarly we can for Inbound traffic Connecting Firewall

