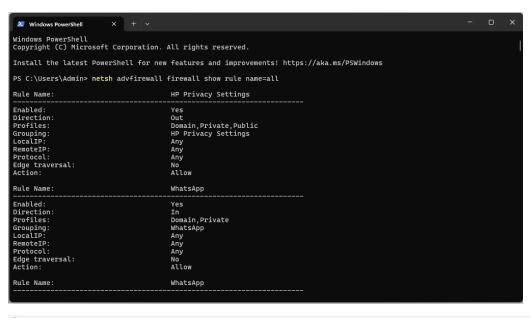
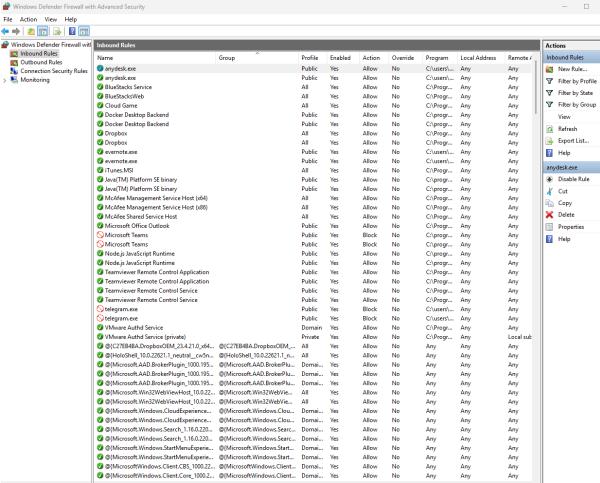
Task 4 – Setup and Use a Firewall (Windows)

Objective

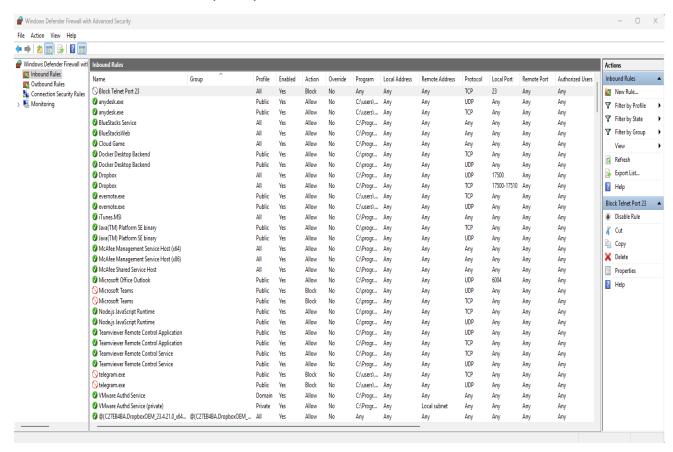
Configure and test basic firewall rules to allow or block traffic, demonstrating basic firewall management skills.

List Of Current Firewall Rules





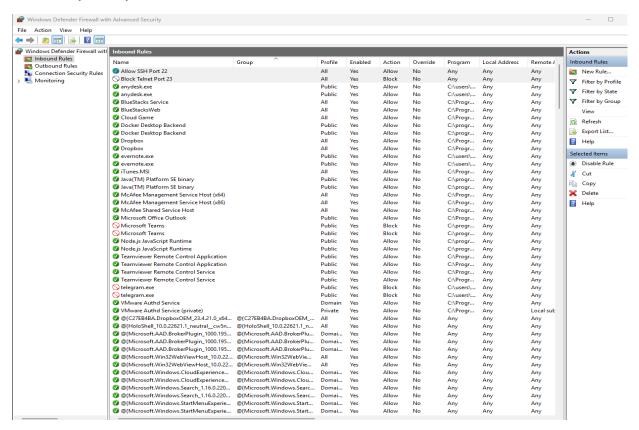
Block Inbound Traffic on Port 23 (Telnet)



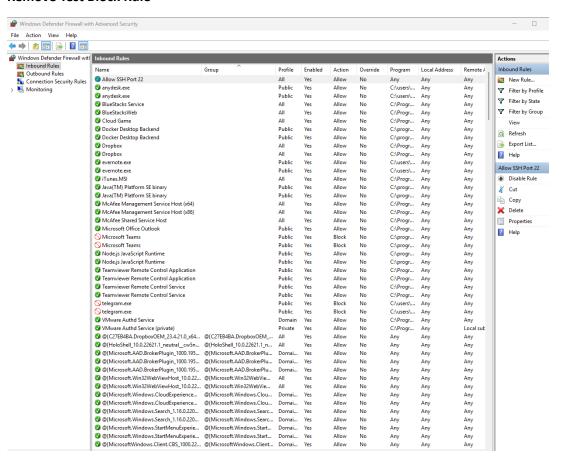
Test the Rule



Allow SSH (Port 22)



Remove Test Block Rule



Summary

- 1) A firewall works as a protective barrier between a computer or network and external connections.
- 2) It examines all incoming and outgoing data packets and matches them against a set of security rules.
- 3) These rules can be based on factors like the packet's source and destination address, the port number, the protocol being used, and whether the connection is new or already established.
- 4) If a packet meets the allowed conditions, it is permitted through; if not, it is blocked or dropped.
- 5) This process ensures that only trusted and necessary traffic can pass, reducing the risk of unauthorized access or malicious activity.