

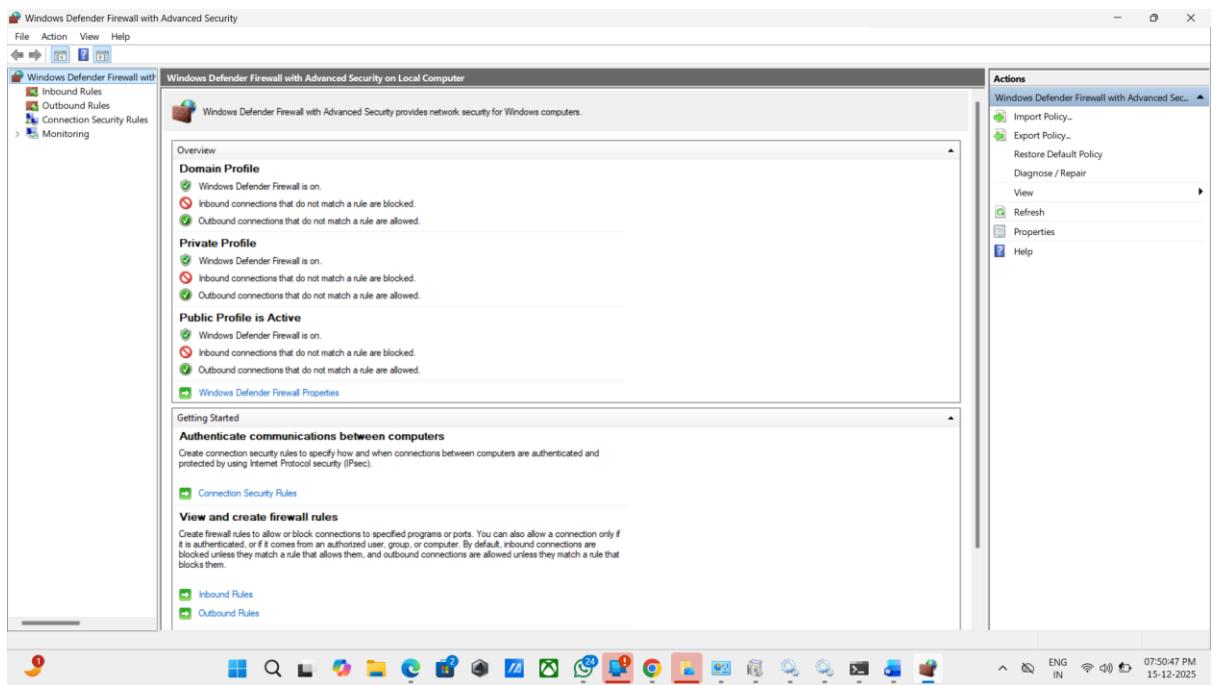
Windows Task 4 Report Template

Objective: Configure and test basic firewall rules to allow or block traffic.

Tools: Windows Firewall

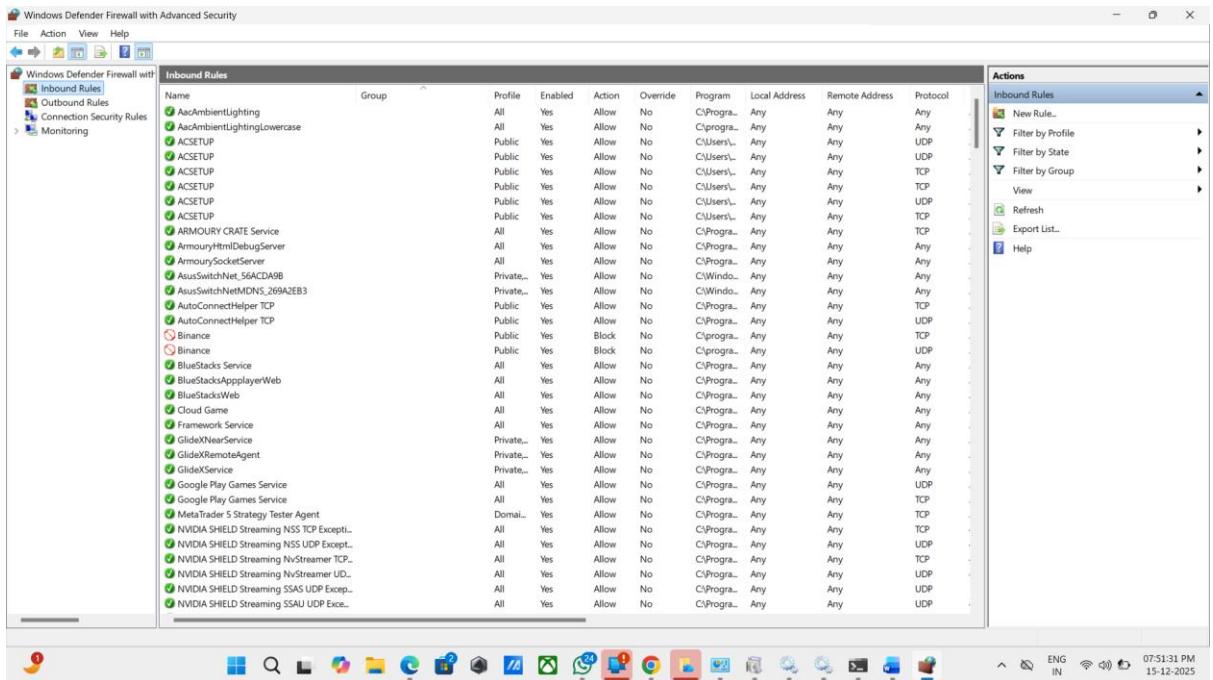
Step 1: Open Firewall Configuration Tool

- **Description:** Windows Firewall with Advanced Security opened.
- **Screenshot 1:**



Step 2: List Current Firewall Rules

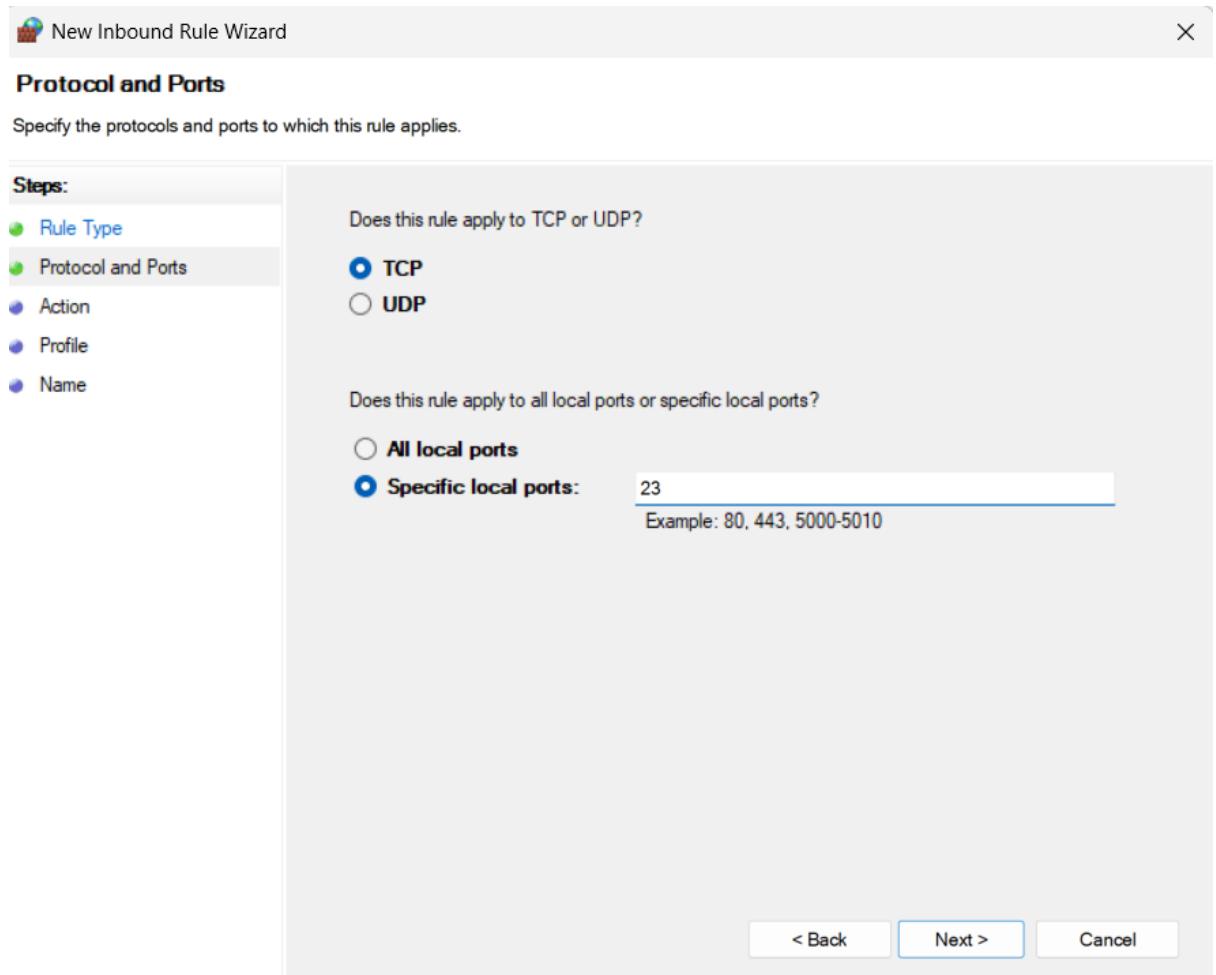
- **Description:** Inbound rules list kiya aur existing rules dekhe.
- **Screenshot 2:**



Step 3: Add Rule to Block Inbound Traffic (Port 23)

- **Rule Details:**
 - Port: 23 (Telnet)
 - Action: Block
 - Direction: Inbound
 - Description: “Block inbound Telnet traffic for lab/testing”

- **Screenshot 3:**



Step 4: Test the Rule

- **Command Used:**
- telnet localhost 23
- **Result:** Connect failed → Firewall successfully blocked port 23.
- **Screenshot 4:**

```
C:\Windows\system32\cmd.exe + 
Microsoft Windows [Version 10.0.26200.7462]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Bhumirajsingh.Solanki>telnet localhost 23
Connecting To localhost...Could not open connection to the host, on port 23: Connect failed

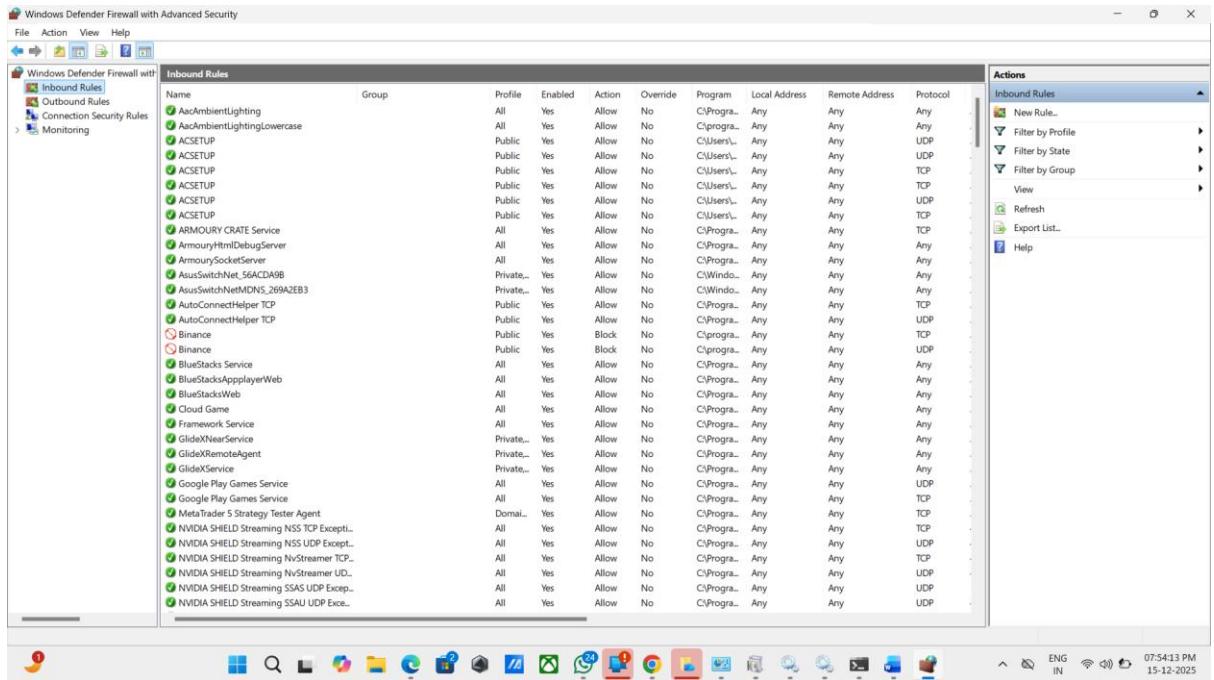
C:\Users\Bhumirajsingh.Solanki>
```

Step 5: Add SSH Rule (Not Applicable on Windows)

- **Note:** Windows lab me SSH rule nahi kiya.
 - **Screenshot:** None
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Step 6: Remove the Test Block Rule

- **Action:** Inbound rule for port 23 deleted from Windows Firewall GUI.
- **Command / GUI Step:** Right-click → Delete
- **Result:** Rule removed, firewall restored to original state.
- **Note:** Telnet connection may still fail (Telnet server off by default).
- **Screenshot 5:** Inbound rules list after deleting port 23 block.



Step 7: Document Commands / GUI Steps

- **Commands Used:**
- telnet localhost 23
- **GUI Steps:**
 - Firewall open → Inbound Rules → New Rule → Port 23 → Block → Done
 - Delete rule after test
- **Screenshot:** Already captured in previous steps

Step 8: Summarize How Firewall Filters Traffic

- **Summary:**

Windows Firewall filters inbound and outbound traffic based on rules.

In this lab, port 23 (Telnet) was blocked. Testing via telnet showed connection failed, indicating firewall successfully blocked traffic. Rule was later removed to restore normal state.

Note: Connection failed even after deleting the rule because Telnet server is not enabled by default in Windows.