

# Firewall Configuration and Testing Report

## Task Overview

Objective: Configure and test basic firewall rules to allow or block traffic on Windows/Linux

Tools Used:

- Linux: ufw (Uncomplicated Firewall)
- Windows: Windows Defender Firewall with Advanced Security

System Used for Report: Kali Linux 2025.2

## UFW Configuration Steps (Linux)

### 1. Check Firewall Status

```
sudo ufw status verbose
```

### 2. List Current Rules

```
sudo ufw status numbered
```

### 3. Block Port 23 (Telnet)

```
sudo ufw deny 23
```

### 4. Test Port Block

```
telnet localhost 23
```

### 5. Allow SSH (Port 22)

```
sudo ufw allow ssh
```

### 6. Remove Telnet Rule

```
sudo ufw delete deny 23
```

### 7. Export Firewall Rules

```
sudo ufw status verbose > ufw_rules.txt
```