

Task 9: Network Vulnerability Scanning Report

Objective: To scan a local network and identify vulnerabilities using Nmap.

Tools Used: Nmap, Masscan

Steps:

1. Scan Local Network
2. Identify Open Ports
3. Detect Services
4. Identify Operating System
5. Vulnerability Scanning
6. Save Scan Results

Port	Service	Risk
21	FTP	Anonymous login risk
22	SSH	Brute force attacks
80	HTTP	Web vulnerabilities
445	SMB	EternalBlue exploit risk

Recommendations:

- Close unused ports
- Update services
- Enable firewall
- Use strong passwords

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