

## Basic Vulnerability Scan Report

### 1. Scan Information

- **Tool Used:** Nessus Essentials
  - **Scan Type:** Basic Network Scan
  - **Target System:** Metasploitable (virtual machine)
  - **Date Performed:** 17-11-2025
- 

### 2. Summary of Findings

Severity	Count
Critical	7
High	11
Medium	36
Low	7
Informational	148

---

### 3. Detected Vulnerabilities

#### Critical ()

1. SSL(MULTIPLE ISSUES)
  2. Bind Shell Backdoor Detection
  3. NFS exported share information disclosure
  4. Unix Operation System Unsupported Version Detection
  5. VNC Server Password
- 

#### High ()

1. Apache TOMCAT AJP Connector Request Injection (Ghostcat).
  2. rlogin Service Detection
- 

#### Mixed ()

1. ISC BIND (Multiple Issues)

2. SSL (Multiple Issues)
3. TWIKI (Multiple Issues)
4. DNS (Multiple Issues)
5. HTTP (Multiple Issues)

---

## 4. Recommendations

1. Install all pending OS security updates.
2. Disable deprecated protocols (SMBv1, TLS 1.0).
3. Remove unused services and close unnecessary ports.
4. Enable strong passwords and MFA where possible.
5. Regularly run vulnerability scans monthly.

Vulnerabilities 85				
Filter	Search Vulnerabilities		85 Vulnerabilities	
Sev	Name	Family	Count	
<input type="checkbox"/> CRITICAL	SSL (Multiple Issues)	Gain a shell remotely	3	
<input type="checkbox"/> CRITICAL	Bind Shell Backdoor Detection	Backdoors	1	
<input type="checkbox"/> CRITICAL	NFS Exported Share Information Disclosure	RPC	1	
<input type="checkbox"/> CRITICAL	Unix Operating System Unsupported Version Detection	General	1	
<input type="checkbox"/> CRITICAL	VNC Server 'password' Password	Gain a shell remotely	1	
<input type="checkbox"/> MIXED	DNS (Multiple Issues)	DNS	6	
<input type="checkbox"/> MIXED	ISC Bind (Multiple Issues)	DNS	4	
<input type="checkbox"/> MIXED	Phpmyadmin (Multiple Issues)	CGI abuses	4	
<input type="checkbox"/> MIXED	SSL (Multiple Issues)	Service detection	3	
<input type="checkbox"/> MIXED	PHP (Multiple Issues)	CGI abuses	3	
<input type="checkbox"/> MIXED	Twiki (Multiple Issues)	CGI abuses	2	
<input type="checkbox"/> HIGH	Apache Tomcat AJP Connector Request Injection (Ghostcat)	Web Servers	1	