

## Introduction to Vulnerability Management - Course Challenge Report

<b>Name of Individual Conducting Scanning:</b>	Syed Mohammed
<b>Nessus Scanner IP (IP of Kali VM):</b>	██████████
<b>Date &amp; Time Scan Started:</b>	25/01/2025, 11:00 AM
<b>Date &amp; Time Scan Finished:</b>	25/01/2025, 11:14 AM
<b>Security Issues Identified:</b>	

### Overview

#### Top 5 Most Serious Security Issues (In priority order - most important first):

1. UnrealIRCd Backdoor Detection
2. VNC Server 'password' Password
3. Bind Shell Backdoor Detection
4. rsh Service Detection
5. Samba Badlock Vulnerability

#### Top 5 - Remediations (In priority order - most important first):

1. Re-download the software, using the published MD5 / SHA1 checksums verify the software, and re-install it.
2. Ensure the security of VNC service with a strong password.
3. Check whether the remote host has been compromised, and reinstall the system if necessary.
4. Disable rsh service and use SSH instead.
5. Upgrade to Samba version 4.2.11 / 4.3.8 / 4.4.2 or later.

