Vulnerability Scan Report

This is a sample vulnerability scan report generated for the Cyber Security Internship Task 3. The scan was performed using Nessus Essentials on a Kali Linux Virtual Machine. Below are the findings with their severity levels and recommended remediations.

Vulnerability	Severity	Description	Remediation
Outdated OpenSSL Version	High	The system is running an outdated version of OpenSSL that may be vulnerable	Update OpenSSL to the latest patc
Weak TLS/SSL Ciphers	Medium	The server supports weak or deprecated SSL/TLS ciphers.	Disable weak ciphers and enforce s
Missing Security Patches	Critical	Several critical OS-level patches are missing, exposing the system to privilege esc	Apply all pending OS and applicatio
Default SSH Configuration	Low	The SSH service is using default settings that may expose it to brute-force attemp	Harden SSH by disabling root login

This vulnerability scan provided an overview of common security issues found on the scanned system. Addressing the above issues will significantly improve the security posture of the machine.