

Task 15: Vulnerability Assessment Report & Risk Priority List

1. Vulnerability Assessment Report

A vulnerability assessment is the process of identifying, analyzing, and evaluating security weaknesses in a system, network, or application. The goal is to discover potential threats that could be exploited by attackers and to provide recommendations to fix or reduce those risks. Regular vulnerability assessments help organizations improve security posture and protect sensitive data.

ID	Vulnerability	Description	Severity	Recommendation
V1	Weak Password Policy	Users use simple passwords	High	Enforce strong password rules
V2	Outdated Software	Old software versions detected	Medium	Update to latest version
V3	Open Ports	Unused ports open on firewall	Medium	Close unnecessary ports
V4	No Antivirus	System lacks antivirus protection	High	Install updated antivirus

2. Risk Priority List

A risk priority list ranks vulnerabilities based on their severity, likelihood of exploitation, and impact on the organization. High-risk vulnerabilities should be addressed first to minimize potential damage. This prioritization helps security teams focus on the most critical issues efficiently.

Priority	Risk	Impact	Action Required
1	Weak Passwords	High	Implement strong password policy immediately
2	No Antivirus	High	Install and update antivirus
3	Outdated Software	Medium	Apply updates and patches
4	Open Ports	Medium	Configure firewall rules