

Greenbone Security Assistant

1. Objective

The objective of Greenbone Vulnerability Management (GVM) is to identify, assess, and manage security vulnerabilities within computer systems, networks, and applications. It provides an automated open-source platform for vulnerability scanning, risk analysis, and compliance monitoring, helping organizations strengthen their cybersecurity posture by detecting potential threats before they can be exploited.

2. Tools(greenbone in kali linux

Tool	Description
Greenbone Security Assistant (GSA)	Web interface for OpenVAS vulnerability scanning
Greenbone Vulnerability Manager (GVM)	Core engine managing scan configurations and reports
Operating System	Kali Linux
Scan Configuration	Full and Fast
Date of Scan	October 26, 2025

3. Using windows ip as target



Tasks by Severity Class (Total: 1)



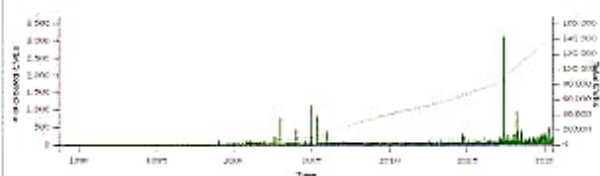
NO

Tasks by Status (Total: 1)



Done

CVEs by Creation Time

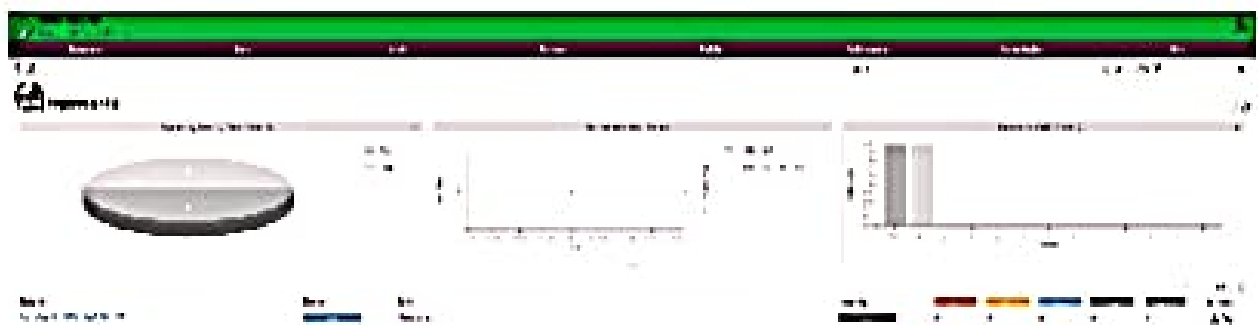


Created CVEs
Total CVEs

CVEs by Severity Class (Total: 81750)



High
Low
Medium

[illegible][illegible]

Observation:

During the use of Greenbone Vulnerability Management, it was observed that the tool effectively scans network hosts and identifies a wide range of vulnerabilities with detailed severity ratings. The web-based interface provides a clear and organized report, allowing easy prioritization of high-risk issues. The scanning process depends on network configuration and may take considerable time for large systems. Regular updates to the vulnerability feed are essential to ensure accurate detection. Overall, Greenbone proves to be a reliable and comprehensive open-source platform for vulnerability assessment and management.

5. Mitigation Summary

7. Conclusion

Greenbone Vulnerability Management (OpenVAS) is a powerful open-source tool for identifying and managing security vulnerabilities in networks and systems. It provides detailed analysis and reporting features that help organizations strengthen their cybersecurity posture. By performing regular scans and updates, users can proactively detect potential threats and ensure their systems remain secure and compliant. Overall, Greenbone is an effective and reliable solution for continuous vulnerability assessment and risk management.