Report Lab 1 - Lab 2 - Lab 3

Vulnerability Analysis

Report

Requirement:

- Using nmap NSE, greenbone
- Finding a vulnerability inside metasploitable2
- Using metasploit framework or other tools to Exploiting this vulnerability be found.

Report Outline

I. Introduction this vuln.
   1. What is this vuln and type of vulnerability is this?
   2. Outline the technical mechanism of the vulnerability.
   3. Impact and Severity:
   - Describe the potential impact of the vulnerability.
   - Discuss its severity level (e.g., critical, high, medium, low) based on CVSS or other metrics.

Report Outline

II.   Implementation.
1.   Create an environment for testing (Implementing lab 1 and giving result)
2.   Vulnerability scanning (lab 2):
-   Using nmap for scanning steps 1 to 3 and capturing results.
-   Using OpenVAS for scanning step 4.
    -   Each steps - Capturing result:
        -   Creating a target.
        -   Creating a task.
        -   Capturing a result this vuln after exporting report.

Report Outline

II. Implementation.
  1. Create an environment for testing:
  2. Vulnerability scanning:
  3. Exploitation (lab 2):
  - Using metasploit framework or other tools or other ways to exploit the vulnerability.

Report Outline

III. Mitigation and Remediation.
  - Detection: Snort (next lab, No need to do yet on this report)
  - Prevention: Using firewall (Lab 3).
IV. Conclusion.
  - Summarize the key points of the report.
  - Reiterate the importance of addressing the vulnerability.

References.

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Submit:

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Merci beaucoup!