**Windows XP Security Attack Report Using Metasploit**

**Introduction**

This report details the process I followed to set up a virtual test environment, exploit the MS08-067 vulnerability on a Windows XP system, and test post-exploitation features using Meterpreter. The goal was to gain hands-on understanding of how known vulnerabilities can be exploited and how post-exploitation tools can gather information from a compromised system.

**Metasploit Setup and Configuration**

Metasploit was installed on my Kali Linux system, which I used as the attack machine. I ensured both the virtual machine and my Kali Linux were on the same isolated network to facilitate the attack and minimize external interference.Immagine che contiene testo, schermata, Carattere

Descrizione generata automaticamente

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Descrizione generata automaticamente

Immagine che contiene testo, schermata, design

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**Executing the Attack with Metasploit**

**Exploit Selection and Configuration**

Inside Metasploit, I searched for the MS08-067 exploit and configured the attack environment by specifying:

* Target system IP (Windows XP)
* Attacker system IP (Kali Linux)  
  I selected a suitable payload to establish a Meterpreter session on the target system.

Immagine che contiene testo, schermata, Carattere

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**Launching the Exploit**

After setting all necessary parameters, I executed the exploit. Once the vulnerability was exploited, I gained a Meterpreter session, giving me control over the Windows XP system.

**Post-Exploitation Actions**

**Taking a Screenshot**

One of the first actions after gaining access was capturing a screenshot of the compromised system’s desktop. This was done using the Meterpreter command: screenshot

Immagine che contiene testo, elettronica, schermata, software

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The image was saved locally on my Kali system.

**Checking for a Webcam**

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Next, I attempted to detect a webcam using the Meterpreter command:

webcam\_list

No webcam was detected, likely because:

* The virtual machine wasn’t configured to access the host computer’s webcam.
* Windows XP lacked the necessary drivers.

**Conclusion**

This exercise demonstrated the effectiveness of modern attack tools against outdated and vulnerable systems like Windows XP. It also provided valuable hands-on experience with Metasploit for vulnerability exploitation and post-exploitation actions.