Penetration test report on windows 7 ultimate

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Executive Summary:

A penetration test was conducted on the windows 7 ultimate server to identify vulnerabilities. The test focused on the MS17-010 service running on port 445

Key Findings:

MS17-010, also known as Eternal Blue, is a vulnerability in the Microsoft Windows Server Message Block 1 (SMBv1) protocol.

This vulnerability allows remote code execution (RCE) and can lead to SYSTEM-level access on vulnerable Windows systems, including Windows 7 and higher.

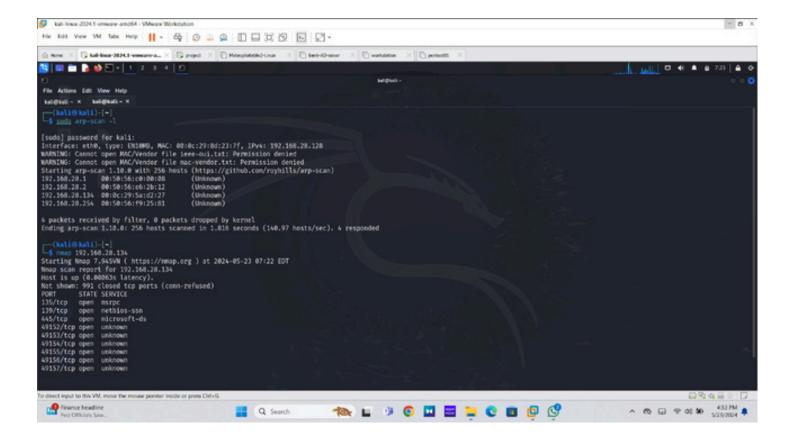
The vulnerability has been widely exploited by malware like WannaCry and Petya ransomware, making it a critical issue for unpatched Windows systems.

MS17-010 is a critical remote code execution vulnerability in the SMBv1 protocol that affects a wide range of Windows systems and has been extensively exploited by malware. Proper detection and patching are essential to mitigate the risks associated with this vulnerability.

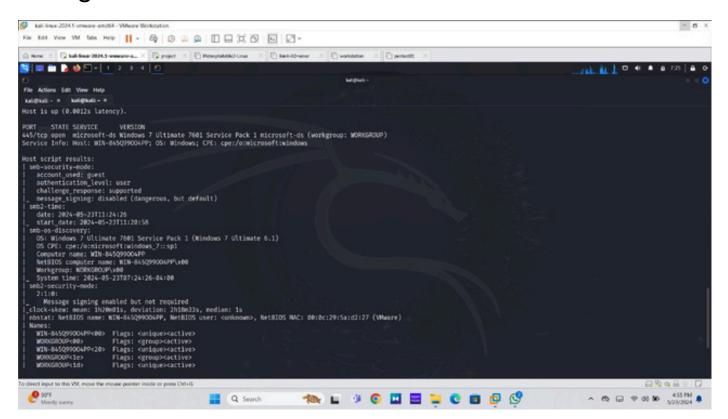
Scanning:

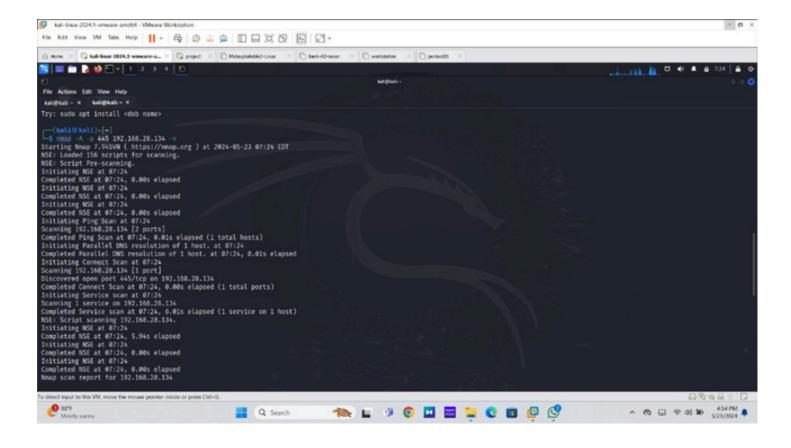
Using sudo Arp-scan-l

It shows the networks connected to the system and Ip address of the server

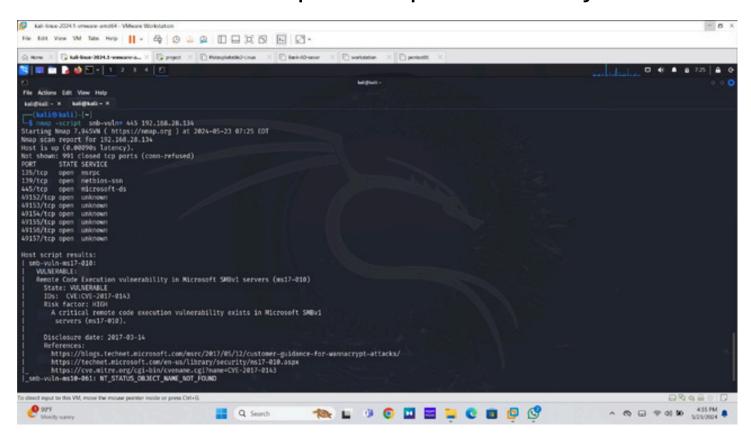


Using NMAP TOOL:

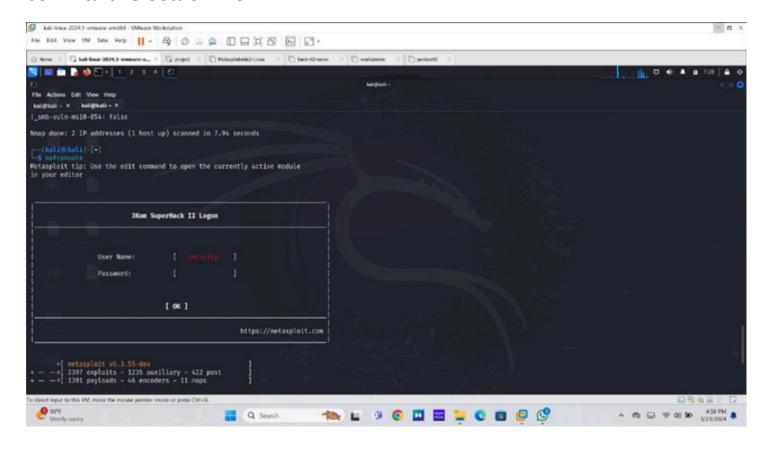


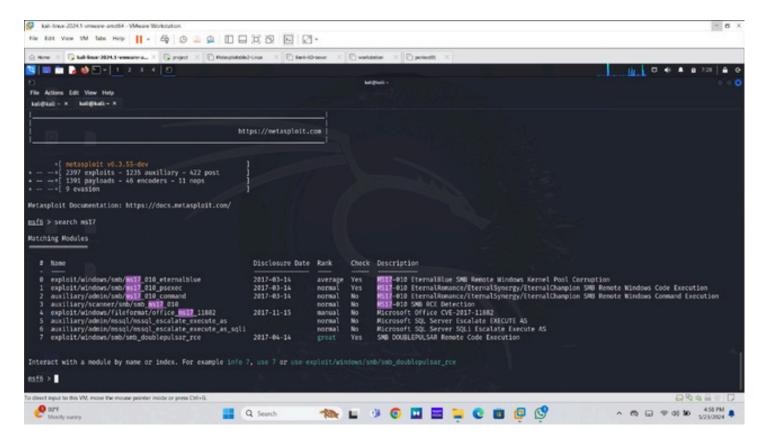


We find port numbers and service name by using nmap toolLater we use namp for script vulnerability



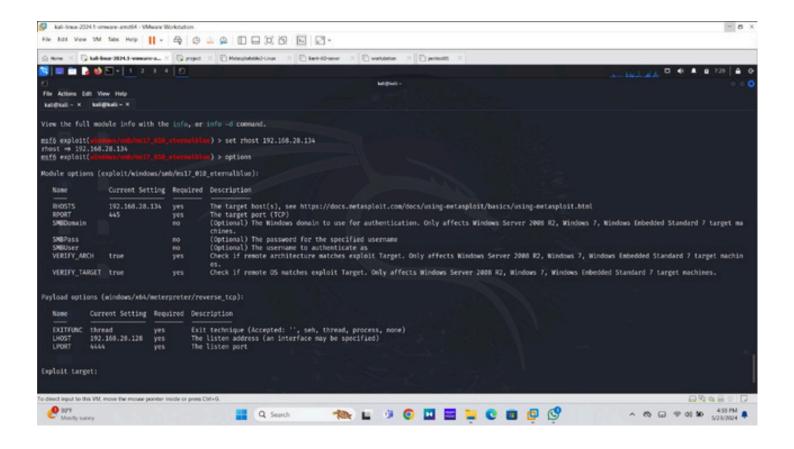
We find the vulnerability at port 445 and service is Microsoft-ds and version is ms17 .searching for exploit for ms17 through inbuilt msfconsole by command is search ms17





we set rhost for payloads

RHOST: The target host.



And we got shell access by using expolit

