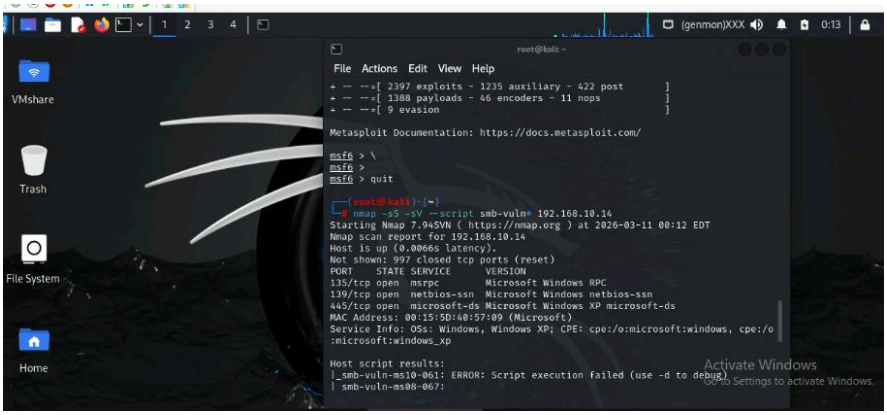
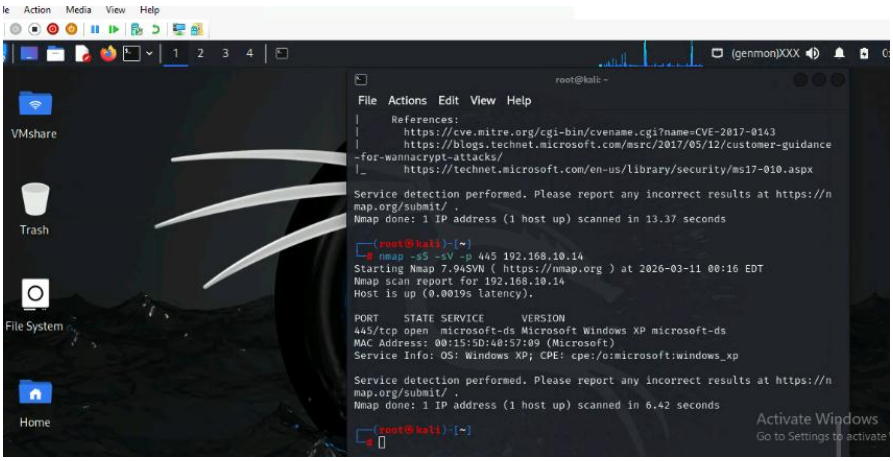
1)

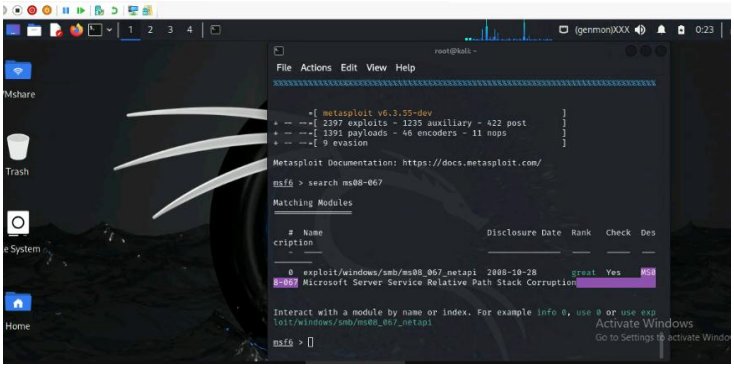


2)

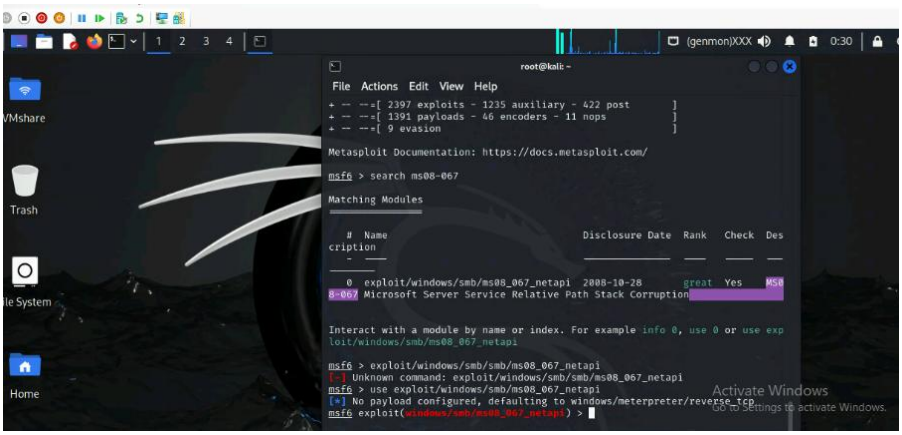


MS08-067 is a serious security weakness in the Windows Server service that lets attackers run code on a computer through the SMB protocol. It was dangerous because attackers could exploit it remotely without logging in and take full control of systems like Windows XP.

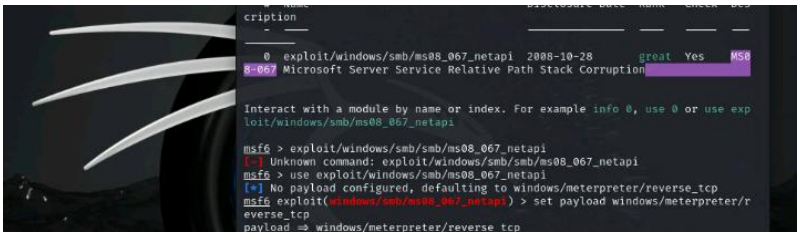
3)



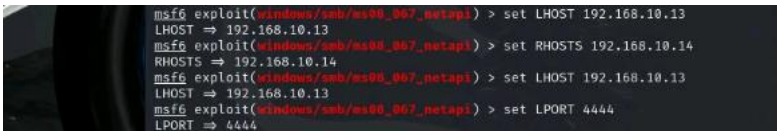
4)



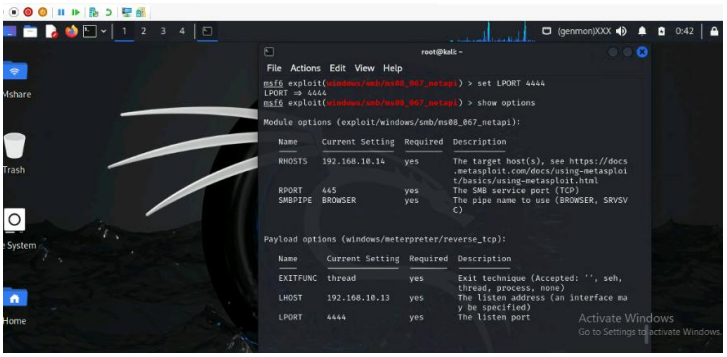
5)



6)



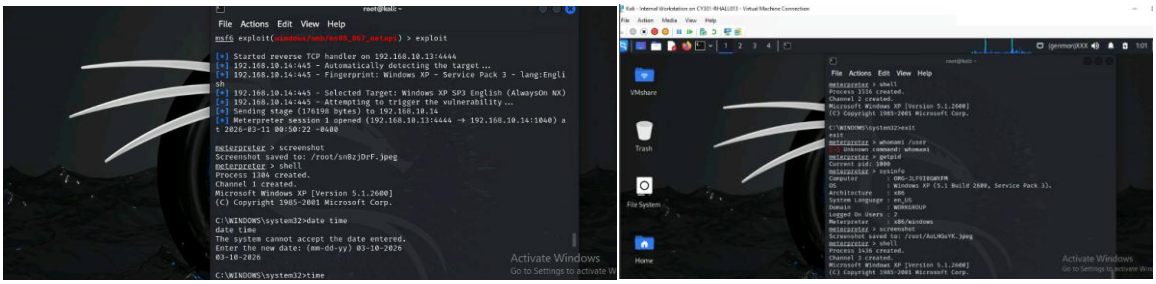
7/8)



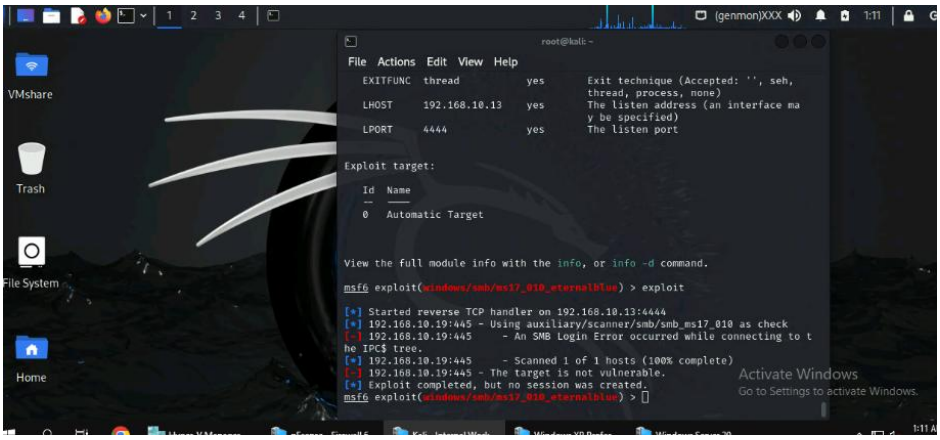
9)

The exploit succeeded because the Windows XP machine is vulnerable to the MS08-067 SMB vulnerability. Since port 445 was open, the Metasploit exploit was able to send a malicious request to the system. This allowed remote code execution and created a Meterpreter session, giving the attacker access to the target computer.

10)



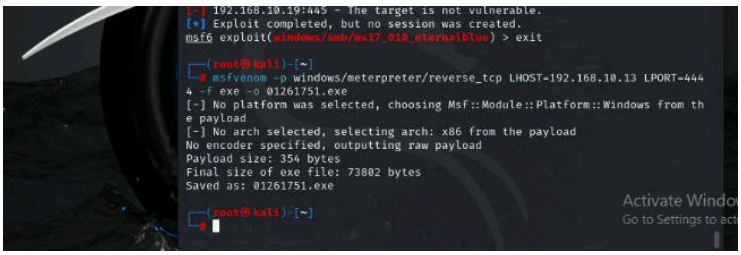
Task B



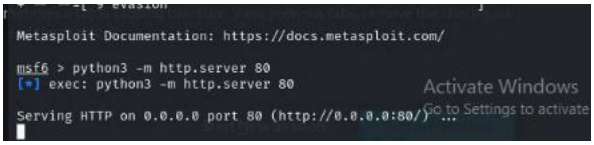
EternalBlue exploits a vulnerability in the SMBv1 protocol (MS17-010) that existed in older versions of Windows. Windows Server 2022 is not vulnerable because Microsoft patched this flaw in later updates and disabled SMBv1 by default. As a result, the exploit usually fails since the vulnerable service is no longer present on modern systems

Task C

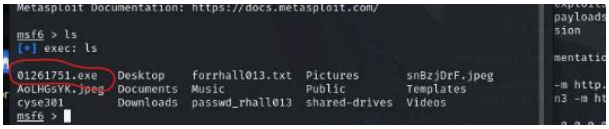
1a-e)



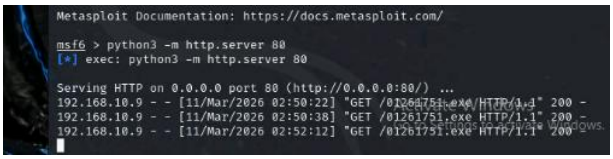
2a)



2b)



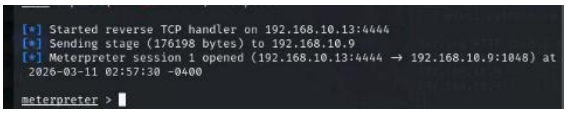
2c)



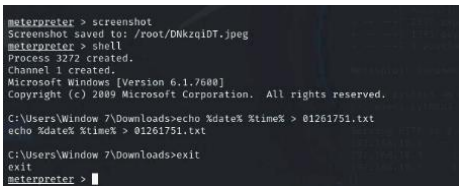
2d)



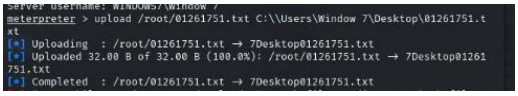
2e)



3a-b)



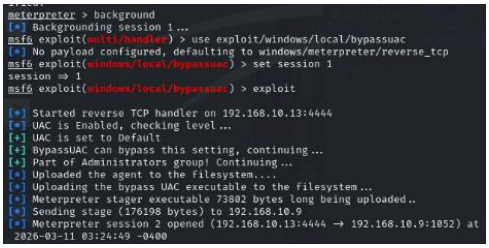
3c)



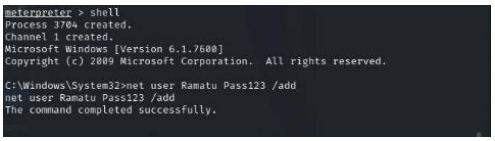
3d)



4a-c)



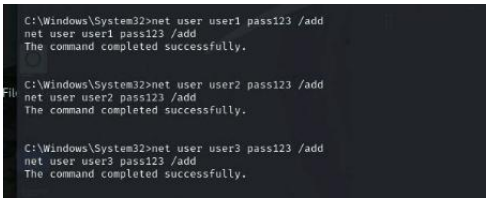
5a)



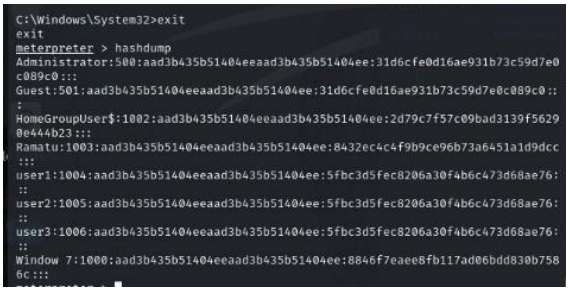
5b)



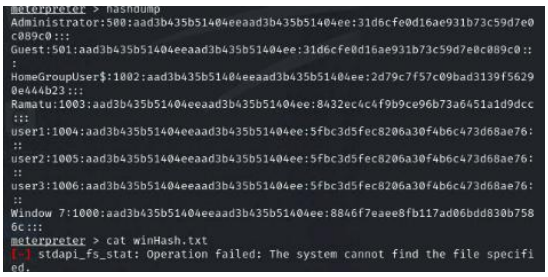
5c)



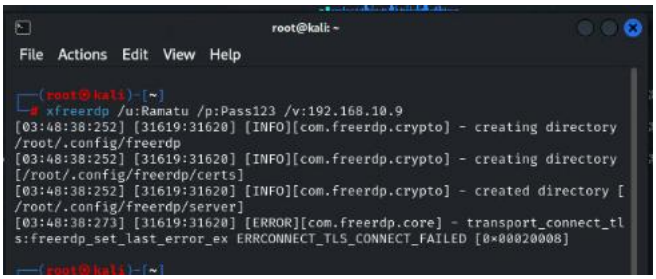
5d)



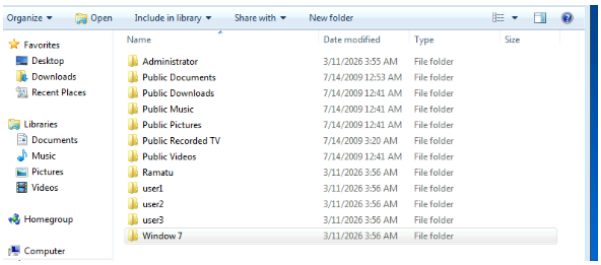
5e)



6)


root@kali: ~
File Actions Edit View Help
(root㉿kali)-[~]
xfreerdp /u:Ramatu /p:Pass123 /v:192.168.10.9
[03:48:38:252] [31619:31620] [INFO][com.freerdp.crypto] - creating directory
/root/.config/freerdp
[03:48:38:252] [31619:31620] [INFO][com.freerdp.crypto] - creating directory
[/root/.config/freerdp/certs]
[03:48:38:252] [31619:31620] [INFO][com.freerdp.crypto] - created directory [
/root/.config/freerdp/server]
[03:48:38:273] [31619:31620] [ERROR][com.freerdp.core] - transport_connect_tl
s:freerdp_set_last_error_ex ERRCONNECT_TLS_CONNECT_FAILED [0x00020008]

7)


Organize
Open
Include in library
Share with
New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Homegroup
Computer
Name
Date modified
Type
Size
Administrator 3/11/2026 3:55 AM File folder
Public Documents 7/14/2009 12:53 AM File folder
Public Downloads 7/14/2009 12:41 AM File folder
Public Music 7/14/2009 12:41 AM File folder
Public Pictures 7/14/2009 12:41 AM File folder
Public Recorded TV 7/14/2009 3:20 AM File folder
Public Videos 7/14/2009 12:41 AM File folder
Ramatu 3/11/2026 3:56 AM File folder
user1 3/11/2026 3:56 AM File folder
user2 3/11/2026 3:56 AM File folder
user3 3/11/2026 3:56 AM File folder
Window 7 3/11/2026 3:56 AM File folder