

# PSBits/PasswordStealing/NPPSpy at master · gtworek/PSBits

By gtworek

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Simple (but fully working) code for `NPLogonNotify()`. The function obtains logon data, including cleartext password.

**The DLL is detected by AV engines as a "potentially unwanted software" for obvious reason.**

You have been warned. And if you want to run it anyway, you can re-compile it (instructions below) after introducing some changes in the source code, or just add an AV exclusion.

## Installation:

1. Copy NPPSpy.dll to the System32 folder
2. Add "NPPSpy" at the end of the "ProviderOrder" in `HKLM\SYSTEM\CurrentControlSet\Control\NetworkProvider\Order`
3. Create `HKLM\SYSTEM\CurrentControlSet\Services\NPPSpy\NetworkProvider` and set following values:
  - o "Class" = [REG\_DWORD]2
  - o "ProviderPath" = [REG\_EXPAND\_SZ]"%SystemRoot%\System32\NPPSPY.dll"
  - o "Name" = [REG\_SZ]"NPPSpy"

OR

Use the ConfigureRegistrySettings.ps1 script (by @LadhaAleem)

Re-logon is required, reboot is not required.

## Build it at home

1. From the Start Menu run Visual Studio 2019 -> x64 Native Tools Command Prompt for VS 2019
2. Browse to the folder with your NPPSpy.c
3. Run `cl.exe /LD NPPSpy.c`

## Documentation:

The idea is somewhat documented at <https://docs.microsoft.com/en-us/windows/win32/api/npapi/nf-npapi-nplogonnotify>.

## Video

I did my best to explain the flow on a short video: <https://youtu.be/ggY3srD9dYs>

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Source: <https://github.com/gtworek/PSBits/tree/master/PasswordStealing/NPPSpy>