

denandz / KeeFarce

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Merge pull request #5 from dwat001/master

5276c92 · 9 years ago


10 Commits

prebuilt	Added prebuilt archives and update RE...	9 years ago
src	Tidy Changes, newline + unused import	9 years ago
LICENSE	Initial commit	9 years ago
README.md	added logo because infosec	9 years ago

README

BSD-3-Clause license

KeeFarce



KeeFarce allows for the extraction of KeePass 2.x password database information from memory. The cleartext information, including usernames, passwords, notes and url's are dumped into a CSV file in %AppData%

General Design

KeeFarce uses DLL injection to execute code within the context of a running KeePass process. C# code execution is achieved by first injecting an architecture-appropriate bootstrap DLL. This spawns an instance of the dot net runtime within the appropriate app domain, subsequently executing KeeFarceDLL.dll (the main C# payload).

The KeeFarceDLL uses [CLRMD](#) to find the necessary object in the KeePass processes heap, locates the pointers to some required sub-objects (using offsets), and uses reflection to call an export method.

Prebuilt Packages

An appropriate build of KeeFarce needs to be used depending on the KeePass target's architecture (32 bit or 64 bit). Archives and their shasums can be found under the 'prebuilt' directory.

Executing

In order to execute on the target host, the following files need to be in the same folder:

About

Extracts passwords from a KeePass 2.x database, directly from memory.

Readme

BSD-3-Clause license

Activity

1k stars

78 watching

134 forks

Report repository

Releases

No releases published

Packages

No packages published

Languages

C++ 59.5%

C# 35.0%

C 4.2%

Objective-C 1.3%

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- BootstrapDLL.dll
- KeeFarce.exe
- KeeFarceDLL.dll
- Microsoft.Diagnostic.Runtime.dll

Copy these files across to the target and execute KeeFarce.exe

Building

Open up the KeeFarce.sln with Visual Studio (note: dev was done on Visual Studio 2015) and hit 'build'. The results will be spat out into dist/\$architecture. You'll have to copy the KeeFarceDLL.dll files and Microsoft.Diagnostic.Runtime.dll files into the folder before executing, as these are architecture independent.

Compatibility

KeeFarce has been tested on:

- KeePass 2.28, 2.29 and 2.30 - running on Windows 8.1 - both 32 and 64 bit.

This should also work on older Windows machines (win 7 with a recent service pack). If you're targeting something other than the above, then testing in a lab environment before hand is recommended.

Acknowledgements

- [Sharp Needle](#) by Chad Zawistowski was used for the DLL injection tesh.
- Code by Alois Kraus was used to get the pointer to object C# voodoo working.

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