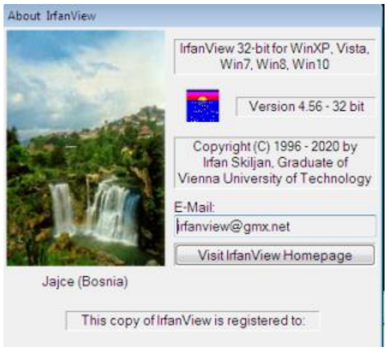
IrfanView 4.56

CVE-2020-35133



IrfanView 32-bit for WinXP, Vista, Win7, Win8, Win10

Version 4.56 - 32 bit

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irfanView 4.56 Contains an error processing parsing files of type .pcx. Which leads to out-of-bounds writing and denial of service.

image00400000+0xDB60

The bug

eax=7ffde000 ebx=00000000 ecx=00000000 edx=7714ecc3 esi=00000000 edi=00000000

eip=770e3bfc esp=023fff5c ebp=023fff88 iopl=0 nv up ei pl zr na pe nc

cs=001b ss=0023 ds=0023 es=0023 fs=003b gs=0000 efl=00000246

(90c.1e88): Access violation - code c0000005 (first chance)

First chance exceptions are reported before any exception handling.

This exception may be expected and handled.

eax=00035250 ebx=00035250 ecx=000372c0 edx=ffffffe4 esi=0027edb0 edi=ffffffe4

eip=0040db60 esp=00127c08 ebp=01eb0048 iopl=0 nv up ei ng nz ac pe cy

cs=001b ss=0023 ds=0023 es=0023 fs=003b gs=0000 efl=00010297

*** ERROR: Module load completed but symbols could not be loaded for C:\Program Files\IrfanView2\i_view32.exe

i_view32+0xdb60:

0040db60 8a0433 mov al,byte ptr [ebx+esi] ds:0023:002b4000=??