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Poc / otfcc / **CVE-2022-35067.md**

👤 **Cvjark** Create CVE-2022-35067.md   🕘 History

👥 **1 contributor**

≔   74 lines (64 sloc)   │   3.04 KB   •••

Product Link

https://github.com/caryll/otfcc

POC file

https://github.com/Cvjark/Poc/files/9059931/id184_heap_buffer_overflow_sample_otfccdump%2B0x6e41b0.zip

Command to reproduce

```
./otfccbuild --pretty [sample file] -o /dev/null
```

Product name & version

```
last github commit code : 617837b
```

Problem Type

```
heap-buffer-overflow
```

Crash Detail

```
==105898==ERROR: AddressSanitizer: heap-buffer-overflow on address 0x616000000ec2
at pc 0x0000006e41b1 bp 0x7ffef23bfd70 sp 0x7ffef23bfd68
WRITE of size 1 at 0x616000000ec2 thread T0
    #0 0x6e41b0  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x6e41b0)
    #1 0x59ab0f  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x59ab0f)
    #2 0x4fbe60  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x4fbe60)
    #3 0x4f5932  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x4f5932)
    #4 0x7fd2baafcc86 in __libc_start_main /build/glibc-CVJwZb/glibc-
2.27/csu/../csu/libc-start.c:310
    #5 0x41c549  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x41c549)

0x616000000ec2 is located 0 bytes to the right of 578-byte region
[0x616000000c80,0x616000000ec2)
allocated by thread T0 here:
    #0 0x4aecd8 in calloc (/home/bupt/Desktop/otfcc/bin/release-
x64/otfccdump+0x4aecd8)
    #1 0x6e3519  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x6e3519)
    #2 0x59ab0f  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x59ab0f)

SUMMARY: AddressSanitizer: heap-buffer-overflow
(/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x6e41b0)
Shadow bytes around the buggy address:
  0x0c2c7fff8180: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c2c7fff8190: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  0x0c2c7fff81a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  0x0c2c7fff81b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  0x0c2c7fff81c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
=>0x0c2c7fff81d0: 00 00 00 00 00 00 00 00[02]fa fa fa fa fa fa fa
  0x0c2c7fff81e0: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c2c7fff81f0: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c2c7fff8200: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c2c7fff8210: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c2c7fff8220: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
Shadow byte legend (one shadow byte represents 8 application bytes):
  Addressable:           00
  Partially addressable: 01 02 03 04 05 06 07
  Heap left redzone:       fa
  Freed heap region:       fd
  Stack left redzone:      f1
  Stack mid redzone:       f2
  Stack right redzone:     f3
  Stack after return:      f5
  Stack use after scope:   f8
  Global redzone:          f9
  Global init order:       f6
  Poisoned by user:        f7
  Container overflow:      fc
  Array cookie:            ac
```

```
   Intra object redzone:     bb
   ASan internal:            fe
   Left alloca redzone:      ca
   Right alloca redzone:     cb
   Shadow gap:               cc
==105898==ABORTING
```

Crash summary

```
SUMMARY: AddressSanitizer: heap-buffer-overflow
(/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x6e41b0)
```