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Poc / otfcc / CVE-2022-35068.md

Cvjark Create CVE-2022-35068.md History

1 contributor

74 lines (64 sloc) 3.05 KB

## Product Link

https://github.com/caryll/otfcc

## POC file

https://github.com/Cvjark/Poc/files/9059933/id191_heap_buffer_overflow_sample_otfccdump%2B0x6e420d.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

```
==107115==ERROR: AddressSanitizer: heap-buffer-overflow on address 0x60e00000037b at pc 0x0000006e420e bp 0x7ffcd59ed9f0 sp 0x7ffcd59ed9e8
WRITE of size 1 at 0x60e00000037b thread T0
    #0 0x6e420d  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x6e420d)
    #1 0x59ab0f  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x59ab0f)
    #2 0x4fbe96  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x4fbe96)
    #3 0x4f5932  (/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x4f5932)
    #4 0x7f3dd47a6c86 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)

0x60e00000037b is located 0 bytes to the right of 155-byte region [0x60e0000002e0,0x60e00000037b)
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+0x6e420d)
Shadow bytes around the buggy address:
  0x0c1c7fff8010: fd fd fd fd fd fd fd fd fd fd fd fd fa fa fa fa
  0x0c1c7fff8020: fa fa fa fa fd fd fd fd fd fd fd fd fd fd fd fd
  0x0c1c7fff8030: fd fd fd fd fd fd fd fd fa fa fa fa fa fa fa fa
  0x0c1c7fff8040: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  0x0c1c7fff8050: 00 00 00 02 fa fa fa fa fa fa fa fa 00 00 00 00
=>0x0c1c7fff8060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00[03]
  0x0c1c7fff8070: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c1c7fff8080: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c1c7fff8090: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c1c7fff80a0: fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa fa
  0x0c1c7fff80b0: 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
==107115==ABORTING
```

## Crash summary

```
SUMMARY: AddressSanitizer: heap-buffer-overflow
(/home/bupt/Desktop/otfcc/bin/release-x64/otfccdump+0x6e420d)
```