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A Null Pointer Dereference In gf_filter_pck_new_alloc_internal #1719

⊙ Closed treebacker opened this issue on Mar 29, 2021 · 0 comments

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treebacker commented on Mar 29, 2021 • edited •
 There is a \verb| Null Pointer Dereference in function filter\_core/filter\_pck.c: 104: \verb| gf_filter\_pck\_new_alloc_internal | filter\_pck.c: 104: \verb| gf_filter\_pck.c: 104: \verb
 The pid comes from function av1dmx_parse_flush_sample, the ctx.opid maybe NULL.
 Result a crash in \ensuremath{\mathsf{gf\_filter\_pck\_new\_alloc\_internal}} .
 In command line:
 gpac -info bug2
    ubuntu@WH-0-3-ubuntu:~ _______/gpac/uniq/bug2
[AVI] unknown OBU type 10 (size 571). Skipping.
Segmentation fault
   In gdb:
                             g program: / ______am/gpac-1
debugging using libthread db enabled]
ost libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".
           hb) r
program being debugged has been started already.
rt it from the beginning? (y or n) y
rt it from the beginning? (y or n) y
read per normal name (blank) the company of the company o
                akpoint 1, gf_filter_pck_new_alloc_internal (pid=0x0, data_size=571, data=0x737d50, no_block_check=GF_TRUE) at filter_core/filter_pck.c:104
if (PID 15 INPUT(bid)) {
      rogram received signal SIGSEGV, Segmentation fault.

f ilter_pck_new alloc_internal (pid=0x0, data_size=571, data=0x737d50, no_block_check=6F_TRUE) at filter_core/filter_pck.c:104

jdb) b filters/reframe_avic:778

gdabpoint=2 ad 0x7fiff764f554: file filters/reframe_avic.c, line 728.
             b) r
program being debugged has been started already.
rtr from the beginning? (y or n) /
program being debugged has been started already.
program in the debugged has been started already.
program in the debugging using tibthread do enabled]
ng host tibthread do library "[lib/x86 e4-linux-gnu/libthread_db.so.1".
11 unknown gdw type 10 (size 571). Skipping.
        The crafted file is in attach zip:
  bug2.zip
```

ipanif closed this as completed in 13dad7d on Mar 29, 2021



