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A Null Pointer Dereference In function gf_filter_pck_get_data #1728



⊘ Closed treebacker opened this issue on Apr 2, 2021 · 0 comments

```
treebacker commented on Apr 2, 2021 • edited 🕶
In filters/reframe_latm.c:480. There is a Null Pointer Dereference, when call <code>gf_filter_pck_get_data</code> .
The first arg pck may be null with a crafted mp4 file.
As below code shows:
return GF_OK;
```

```
Although there are checks to test if pck is null. But when check1 is true and check2 is false, the checks are nothing.
    ubuntu@VM-0-3-ubuntu:
| buntu@VM-0-3-ubuntu:
| forel Cannot open directory _/home/ubuntu/treebacker/fuzzwork/dataset/torogram/gpac-1.0.1/bin/qcc/" for enumeration: 2
    [Core] Cannot open directory "/home/ubuntu/treebacker/fuzzwork/dataset/tprogram/gpac
Nothing to do, check usage "gpac -h"
gpac - GPAC command line filter engine | version 1.1.0-DEV-rev663-ga19a19e70-master
(c) 2000-2021 Telecom Paris distributed under LGPL v2.1+ - http://gpac.io
     Please cite our work in your research:
GPAC Filters: https://doi.org/10.1145/3339825.3394929
GPAC: https://doi.org/10.1145/1291233.1291452
                                                                                                             bin/gcc/gpac -info ~/treebacker/fuzzwork/output_cve/gpac_last/uni مارية على المراجعة المراجع
rectory "/home/ubuntu/treebacker/fuzzwork/dataset/tprogram/gpac-1.0.1/bin/gcc/ 101 enumeration. 1
1901568 but probe data only 1317 bytes, will rely on file extension (try increasing probe size using --block_size)
1901568 but probe data only 1317 bytes, will rely on file extension (try increasing probe size using --block_size)
 SamplesPerFrame: 1024
Unframed: false
PlaybackMode: forward
Bitrate: 113870
DecoderConfig: 2 bytes (CRC32 0x26BF89C5)
ProfileLevel: 15
SampleRate: 96000
Timescale: 96000
NumChannels: 1
     Breakpoint 1, latm_dmx_process (filter=0x73d4d0) at filters/reframe_latm.c:480
480_______data = (char *) gf_filter_pck_get_data(pck, &pck_size);
    480 data = (char
(gdb) p pck
$3 = (GF_FilterPacket *) 0x0
(gdb) n
    The crafted file
   bug1.zip
```

(a) jeanlf closed this as completed in b2db2f9 on Apr 8, 2021

Assignees

No one assigned

Projects None yet	
Milestone No milestone	
Development No branches or pull requests	

1 participant

