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A integer overflow in function filter_core/filter_props.c:gf_props_assign_value #1718



○ Closed treebacker opened this issue on Mar 28, 2021 · 1 comment

```
treebacker commented on Mar 28, 2021 • edited 🕶
There is a integer overflow in function \verb|filter_core/filter_props.c:gf_props_assign_value|
In which, the arg const GF_PropertyValue *value , maybe value->value.data.size is a negative number.
In result, memcpy in gf_props_assign_value failed.
//Oll/gcc/gpac=Into butginac
ubuntugWM-03-ubuntus-, 2.
Nothing to do, check usage "gpac -h"
gpac - GPAC command line filter engine - version 1.0.1-revUNKNOWN_REV
(c) 2000-2020 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
   buntu@VM-0-3-ubuntu:~/ المساورة s make^C
buntu@VM-0-3-ubuntu:~, المساورة s make^C
egmentation fault
   rogram received signal SIGSEGV, <mark>Segmentation fault.</mark>
memmove_avx_unaligned_erms () at ../sysdeps/x86_64/multiarch/memmove-vec-unaligned-erms.S:435
5. ../sysdeps/x86_64/multiarch/memmove-vec-unaligned-erms.S: No such file or directory.
b) r program being debugged has been started already.
rt it from the beginning? (y or n) y rtting program/spac-1.0.1/bin/gcc/gpac -info ~/treebacker/fuzzwork/input_cve/gpac/r8k_2c_8b.flac
read debugging using libthread db enabled)
ng host libthread db libtnray "/tib/x86_64-linux-gnu/libthread_db.so.1".
  reakpoint 2, gf_props_assign_value (prop=0x55555579cd90, value=0x7ffffffe270, is old prop=GF FALSE) at filter_core/filter_props.c:809
.memcny(prop->prop.value.data.ptr, value->value.data.ptr, <mark>value->value.data.size</mark>);
(gdb) p value->value.data.size
$1 = 4294967292
The crafted file is in attach zip:
bug.zip
```

jeanlf commented on Mar 29, 2021 Contributor fixed here, thanks for the report

(a) jeanlf closed this as completed on Mar 29, 2021

No one assigned Projects No milestone No branches or pull requests

2 participants

