


New issue

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AddressSanitizer: stack-buffer-overflow in json_parse_array() mjs.c:5952 #158

 Open Clingto opened this issue on May 19, 2021 · 0 comments

Clingto commented on May 19, 2021

System info:

Ubuntu 16.04.6 LTS, X64, gcc 5.4.0, mjs (latest master [4c870e5](#))

Compile Command:

```
$ gcc -fsanitize=address -fno-omit-frame-pointer -DMJS_MAIN mjs.c -ldl -g -o mjs
```

Run Command:

```
$ mjs -f $POC
```

POC file:

https://github.com/Clingto/POC/blob/master/MSA/mjs/mjs-5fb78-json_parse_array-stack-overflow

ASAN info:

ASAN:SIGSEGV

```
=====
==29997==ERROR: AddressSanitizer: stack-overflow on address 0x7ffecd8c9eb8 (pc 0x7f833297cb79 bp 0x7ffecd8ca770 sp 0x7ffecd8c9ec0 T0)
#0 0x7f833297cb78 in (/usr/lib/x86_64-linux-gnu/libasan.so.2+0x5fb78)
#1 0x7f833297e145 in __interceptor_vsnprintf (/usr/lib/x86_64-linux-gnu/libasan.so.2+0x61145)
#2 0x7f833297e3b1 in snprintf (/usr/lib/x86_64-linux-gnu/libasan.so.2+0x613b1)
#3 0x40a934 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5952
#4 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#5 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#6 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#7 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#8 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#9 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#10 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#11 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#12 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#13 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#14 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#15 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#16 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#17 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#18 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#19 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#20 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#21 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#22 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#23 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#24 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#25 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#26 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#27 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#28 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#29 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#30 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
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#32 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#33 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#34 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
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#37 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
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#42 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
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#46 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
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#52 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
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#54 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
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#56 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
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#65 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
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#68 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
#69 0x40aa25 in json_parse_array test/mjs-uaf/build_asan/mjs.c:5958
#70 0x40b4c4 in json_parse_value test/mjs-uaf/build_asan/mjs.c:6000
```

[illegible]

```
SUMMARY: AddressSanitizer: stack-overflow ??:0 ??  
==29997==ABORTING
```

No one assigned

None yet

None yet

No milestone

No branches or pull requests

