OSS-Fuzz 39756: wireshark:fuzzshark_ip_proto-udp: Stack-overflow in dissect bencoded list

[Environment] UBSAN_OPTIONS=silence_unsigned_overflow=1 ----Release Build Stacktrace-----sources/platform/linux/unshare -c Time ran: 0.3539454936981201 oss-fuzzshark: disabling: i oss-fuzzshark: disabling: udplite oss-fuzzshark: disabling: ospf oss-tuzzshark: disabling: ospf
oss-fuzzshark: disabling: bbp
oss-fuzzshark: disabling: dhcp
oss-fuzzshark: disabling: dhcp
oss-fuzzshark: disabling: shon
oss-fuzzshark: disabling: shon
oss-fuzzshark: configured for dissector: udp in table: ip.proto
lMFO: Runding with entropic power schedule (@xFF, 100). INFO: Seed: 67020306 INFO: Loaded 1 modules (501341 inline 8-bit counters): 501341 [0x55adf70, 0x56285cd), INFO: Loaded 1 PC tables (501341 PCs): 501341 [0x56285d0,0x5dceba0), /mnt/scratch0/clusterfuzz/bot/builds/clusterfuzz-builds wireshark 5b331c4a34b1622fa142778a49661cbb953bc75c/revisions/fuzzs Running: /mmt/scratch0/clusterfuzz/bot/inputs/fuzzer-testcases/10f87f4bce2fcc49b3e9504e27290d69e61651586b6baf1c82a4ffa9f0f Running: /mt/scratch0/clusterfuz/bot/inputs/fuzzer-testcases/10f87f4bce2fcc49b3e9504e27290d69e61651586b6baf1c82a4ffa9f8 UndefinedMeaboxSanitizer:CBMUY5f0MAL ==40046==ERROR: UndefinedMeaboxSanitizer: stack-overflow on address 0x7fff8f4f7fe8 (pc 0x0000005c2f44 bp 0x7fff8f4f8110 80 0x5c2f44 in proto_tree_add_protocol_format wireshark/epan/protoc.c4301:2 21 0x58384b in expert_creat_tree wireshark/epan/protoc.tc.51227 #2 0x58384b in expert_set_info_vformat wireshark/epan/expert.c:565:9 #3 0x583df3 in proto tree add expert internal wireshark/epan/expert.c:672:2 #8 0x586473 in proto_tree_add_expert_intermal_wireshark/epan/despectro_for_cise_1286.99
#8 0x90280c in dissect_pencode_list wireshark/epan/dissectors/packet-bt-dht.c:1286:9
#8 0x90280c in dissect_pencode_list wireshark/epan/dissectors/packet-bt-dht.c:195:16
#8 0x908647 in dissect_pencode_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:426:16
#8 0x908647 in dissect_pencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:325:14
#8 0x908647 in dissect_pencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:426:16
#8 0x908647 in dissect_pencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:426:16
#8 0x908647 in dissect_pencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:426:16 #10 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14
#11 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #12 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #13 0x900f47 in dissect bencoded dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 720 0x301fae in disset_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 821 0x300f47 in disset_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 822 0x300f47 in disset_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c:426:16 #38 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #31 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #31 0x90647 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::525:14
#32 0x903fea in dissect_bencoded_list_wireshark/epan/dissectors/packet-bt-dht.c::109:16
#33 0x90647 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::252:14
#35 0x901647 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::99:16
#36 0x90647 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::99:16
#37 0x90647 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::030:14
#38 0x90164 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::525:14
#38 0x90164 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::535:14 #39 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #39 0x000474 In dissect_bencode_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.c:d26:16
#30 0x000476 in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dnt.c:325:14
#31 0x00476e in dissect_bencode_list_wireshark/epan/dissectors/packet-bt-dnt.c:109:16
#32 0x000476 in dissect_bencode_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.c:325:14
#33 0x000477 in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dnt.c:325:14
#33 0x000477 in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dnt.c:325:14
#35 0x000477 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dnt.c:426:16 #46 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #47 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #48 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #49 0x900f47 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c:525:14 #50 0x901fae in dissect_bencoded_list_wireshark/epan/dissectors/packet-bt-dht.c:199:16 #\$0 0.9001fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dnt.c:109:16
#\$10.80004f7 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.c:026:16
#\$2 0.9000f47 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.c:026:16
#\$3 0.9000f46 in dissect_bencoded_list_wireshark/epan/dissectors/packet-bt-dnt.c:109:16
#\$3 0.9000f47 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.c:126:16
#\$5 0.9000f47 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.c:125:14 The Devoter's In dissect pencode, dict wireshark/epan/dissectors/pakeet-or-dnt.ci25:14

850 0x80ffee in dissect pencode, list wireshark/epan/dissectors/pakeet-br.dht.ci32:16

857 0x806f47 in dissect pencode, dict_entry wireshark/epan/dissectors/paket-br.dht.ci32:16

858 0x806f47 in dissect pencode, dict_wireshark/epan/dissectors/paket-br.dht.ci32:16

858 0x806f47 in dissect pencode, list wireshark/epan/dissectors/paket-br.dht.ci32:16

858 0x806f47 in dissect pencode, dict_entry wireshark/epan/dissectors/paket-br.dht.ci32:16

850 0x806f47 in dissect pencode dict_wireshark/epan/dissectors/paket-br.dht.ci32:16

850 0x806f47 in dissect pencode dict_wireshark/epan/dissectors/paket-br.dht.ci32:16

850 0x806f47 in dissect pencode dict_wireshark/epan/dissectors/paket-br.dht.ci32:16 #62 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #63 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #64 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #65 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #66 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 866 B%90047 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.ci:18 867 0x90047 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dnt.ci:19:16 868 Bx9016a in dissect_bencoded_list_entry_wireshark/epan/dissectors/packet-bt-dnt.ci:18 869 Bx90047 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dnt.ci:18 871 Bx9016a in dissect_bencoded_list_wireshark/epan/dissectors/packet-bt-dnt.ci:19:16 #72 0x990647 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16
#73 0x900647 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c:525:14
#74 0x90516a in dissect_bencoded_list_wireshark/epan/dissectors/packet-bt-dht.c:199:16 #75 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #76 0x900f47 in dissect bencoded dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 ### 0.8906471 in dissect_bencode_dict wireshark/epan/dissectors/packet-b-th.c::252:14
0.8906472 in dissect_bencode_dict wireshark/epan/dissectors/packet-b-th.c::199:16
0.8906473 in dissect_bencode_dict_entry wireshark/epan/dissectors/packet-b-th.c::425:18
0.8906474 in dissect_bencode_dict_wireshark/epan/dissectors/packet-b-th.c::525:18
0.8906745 in dissect_bencode_list_wireshark/epan/dissectors/packet-b-th.c::199:16
0.8906747 in dissect_bencode_dict_entry wireshark/epan/dissectors/packet-b-th.c::426:18
0.8906747 in dissect_bencode_dict_entry wireshark/epan/dissectors/packet-bt-dht.c::252:14 #83 0x901fae in dissect bencoded list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #83 0x90ffae in dissect_bencode_list wireshark/epan/dissectors/packet-bt-dht.c:199:16
#85 0x90ffaf in dissect_bencode_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16
#85 0x90ffaf in dissect_bencode_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14
#85 0x90ffae in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:199:16
#87 0x90ffaf in dissect_bencode_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:262:16
#88 0x90ffae in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:195:14
#88 0x90ffae in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:195:14
#88 0x90ffae in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:190:16
#88 0x90ffae in dissect_bencode_dict_wireshark/epan/dissectors/packet-bt-dht.c:190:16 #91 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14
#92 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #93 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #83 0x906471 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c::4
#85 0x906470 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::199:16
#85 0x901fae in dissect_bencoded_list_wireshark/epan/dissectors/packet-bt-dht.c::199:16
#86 0x906471 in dissect_bencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c::4
#86 0x906472 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::4
#88 0x906162 in dissect_bencoded_list_wireshark/epan/dissectors/packet-bt-dht.c::199:16 #99 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:1 #100 0x900f47 in dissect bencoded dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #101 0x901fae in dissect bencoded list wireshark/epan/dissectors/packet-bt-dht.c:199:16

Table 0x09474 in dissect_benoded_dist_entry_dissector/space-to-dissector-dis #109 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #110 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #111 0x900f47 in dissect bencoded dict entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #111 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c.126:16
#121 0x000F47 in dissect_Dencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c:125:14
#131 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:125:16
#131 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:125:16
#131 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:125:16
#131 0x000F47 in dissect_Dencoded_list_wireshark/epan/dissectors/packet-bt-dht.c:109:16
#131 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:109:16
#131 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:126:16
#131 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:126:16
#131 0x000F47 in dissect_Dencoded_dict_entry_wireshark/epan/dissectors/packet-bt-dht.c:126:16
#131 0x000F47 in dissect_Dencoded_dict_wireshark/enan/dissectors/packet-bt-dht.c:136:16 #118 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #119 0x901fae in dissect bencoded list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #120 0x900f47 in dissect bencoded dict entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #121 0x900f47 in dissect bencoded dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #128 0x901fae in dissect bencoded list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #129 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #130 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 ##310 exception of dissect_pencoded_list wireshark/epan/dissectors/packet-th-disc.1993.16
##313 exception of dissect_pencoded_list wireshark/epan/dissectors/packet-th-disc.1993.16
##312 exception of dissect_pencoded_disc.direshark/epan/dissectors/packet-bt-disc.1263.16
##313 exception of dissect_pencoded_disc.direshark/epan/dissectors/packet-bt-disc.1253.14
##313 exception of dissect_pencoded_disc.direshark/epan/dissectors/packet-bt-disc.1253.14 #135 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #136 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #137 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #138 0x900f47 in dissect bencoded dict entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #117 0x900F47 in dissert_bencoded_dirt_entry_wireshark/epan/dissectors/packet-bt-dht.c:420:16 #148 0x900F47 in dissert_bencoded_dirt_wireshark/epan/dissectors/packet-bt-dht.c:323:14 #1340 0x901F46 in dissert_bencoded_dlist_wireshark/epan/dissectors/packet-bt-dht.c:199:16 #154 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #155 0x901fae in dissect bencoded list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #156 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #157 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #157 0x00047j in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::525:14
#158 0x0091fa on dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c::090:16
#159 0x00047j in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::426:16
#150 0x00047j in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::525:14
#161 0x001fa in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::950:16
#162 0x00047j in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::265:14
#163 0x000647 in dissect_bencoded_dict_wireshark/epan/dissectors/packet-bt-dht.c::525:14 #164 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #165 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #165 0x000047 in dissect_bencoded_dict_arehaty_kepan/dissectors/packet-bt-dht.ci.
#166 0x000047 in dissect_bencoded_dict_arehaty_kepan/dissectors/packet-bt-dht.c:199:16
#167 0x901fae in dissect_bencoded_list wireshark/epan/dissectors/packet-bt-dht.c:199:16
#168 0x000047 in dissect_bencoded_dict_arehaty_kepan/dissectors/packet-bt-dht.ci.
#170 0x0001fae in dissect_bencoded_dict_arehaty_kepan/dissectors/packet-bt-dht.c:199:16
#170 0x0001fae in dissect_bencoded_dist_arehaty_kepan/dissectors/packet-bt-dht.c:199:16 #171 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 #172 0x900f47 in dissect_bencoded_dict wireshark/epan/dissectors/packet-bt-dht.c:525:14 #173 0x901fae in dissect bencoded list wireshark/epan/dissectors/packet-bt-dht.c:199:16 #174 0x900f47 in dissect_bencoded_dict_entry wireshark/epan/dissectors/packet-bt-dht.c:426:16 [...] To upload designs, you'll need to enable LFS and have an admin enable hashed storage. More information Tasks @0 No tasks are currently assigned. Use tasks to break down this issue into smaller parts. Linked items D 0 Link issues together to show that they're related or that one is blocking others. Learn more. Related merge requests \$1.4 BT-DHT: Exit a loop **4** • • **a** ⊙ & BT-DHT: Exit a loop. & BT-DHT: Exit a loop. **A** (9) When these merge requests are accepted, this issue will be closed automatically hor Own Gerald Combs @geraldcombs · 1 year ago can replicate this here with tshark -2 -d udp.port==4836,bt-dht -nVr /tmp/clusterfuzz-testcase-fuzzshark ip pi 6084351507431424.pcap Jaap Keuter @JaapKeuter · 1 year ago That's only an "#104746 main (argc=, argv=)" deep stack :) Gerald Combs mentioned in merge request 4570 (merged) 1 year ago Gerald Combs closed via commit ed98abe2 1 year ago Gerald Combs mentioned in commit @3b11917 1 year ago Gerald Combs mentioned in merge request (4587 (merged) 1 year ago Gerald Combs mentioned in commit 1ffe0cef 1 year ago

#104 0x901fae in dissect bencoded list wireshark/epan/dissectors/packet-bt-dht.c:199:16

Gerald Combs mentioned in merge request 4842 (merged) 1 year ago Gerald Combs mentioned in merge request 4843 (merged) 1 year ago Gerald Combs mentioned in commit 4cd492c1 1 year ago Gerald Combs mentioned in commit 98856d8f 1 year ago Gerald Combs. changed title from oss-fuzz 39756: wireshark:fuzzshark.jp. proto-udp: Stack-overflow in dissect, bencoded_list to OSS-Fuzz 39756: wireshark:fuzzshark.jp. proto-udp: Stack-overflow in dissect, bencoded_list 1_vear apo Please <u>register</u> or <u>sign in</u> to reply

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