Fuzz job crash output: fuzz-2022-02-07-6714.pcap

Problems have been found with the following capture file:

https://www.wireshark.org/download/automated/captures/fuzz-2022-02-07-6714.pcap

stderr:

```
Branch: HEAD
Input file: /var/menagerie/menagerie/13895-x509-ce-distribution-points-dissection-problem.pcapng
Build host information:
Linux 5.4.0-96-generic #109-Ubuntu SMP Wed Jan 12 16:49:16 UTC 2022 x86_64
Distributor ID: Ubuntu
Description:
               Ubuntu 20.04.3 LTS
Release:
               20.04
Codename:
               focal
Branch: release-3.4
CI job name: ASan Menagerie Fuzz, ID: 2060427609
Return value: 0
Dissector bug: 0
Valgrind error count: 0
Latest (but not necessarily the problem) commit:
e9c3dfe05 [Automatic update for 2022-02-06]
Command and args: /builds/wireshark/wireshark/ install/bin/tshark -2 -nVxr
Running as user "root" and group "root". This could be dangerous.
______
==87972==ERROR: AddressSanitizer: heap-use-after-free on address 0x606000886420 at pc 0x5604c9392069
READ of size 28 at 0x606000886420 thread T0
    #0 0x5604c9392068 in strlen (/builds/wireshark/wireshark/_install/bin/tshark+0x6e068)
    #1 0x7f9e573a6147 in g_strdup (/lib/x86_64-linux-gnu/libglib-2.0.so.0+0x72147)
    #2 0x7f9e63f2bc6b in find string dtbl entry /builds/wireshark/wireshark/build/../epan/packet.c:1
    #3 0x7f9e63f2c041 in dissector_try_string_new /builds/wireshark/wireshark/build/../epan/packet.c
    #4 0x7f9e63f2c206 in dissector_try_string /builds/wireshark/wireshark/build/../epan/packet.c:173
    #5 0x7f9e6100e26d in call_ber_oid_callback /builds/wireshark/wireshark/build/../epan/dissectors/
    #6 0x7f9e631995f1 in dissect_cms_T_parameters /builds/wireshark/wireshark/build/./asn1/cms/cms.c
   #7 0x7f9e61017bed in dissect_ber_sequence /builds/wireshark/wireshark/build/../epan/dissectors/p
    #8 0x7f9e63199477 in dissect cms SMIMECapability /builds/wireshark/wireshark/build/./asn1/cms/cm
    #9 0x7f9e61020437 in dissect ber sq of /builds/wireshark/wireshark/build/../epan/dissectors/pack
   #10 0x7f9e610206f2 in dissect ber sequence of /builds/wireshark/wireshark/build/../epan/dissecto
   #11 0x7f9e63199407 in dissect cms SMIMECapabilities /builds/wireshark/wireshark/build/./asn1/cms
    #12 0x7f9e63194397 in dissect_SMIMECapabilities_PDU /builds/wireshark/wireshark/build/./asn1/cms
   #13 0x7f9e63f361d1 in call_dissector_through_handle /builds/wireshark/wireshark/build/../epan/pa
    #14 0x7f9e63f2b000 in call_dissector_work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #15 0x7f9e63f2c136 in dissector_try_string_new /builds/wireshark/wireshark/build/../epan/packet.
    #16 0x7f9e63f2c206 in dissector_try_string /builds/wireshark/wireshark/build/../epan/packet.c:17
    #17 0x7f9e6100e26d in call_ber_oid_callback /builds/wireshark/wireshark/build/../epan/dissectors
    #18 0x7f9e63ba9279 in dissect_x509af_T_extnValue /builds/wireshark/wireshark/build/./asn1/x509af
    #19 0x7f9e61017bed in dissect_ber_sequence /builds/wireshark/wireshark/build/../epan/dissectors/
    #20 0x7f9e63ba6447 in dissect_x509af_Extension /builds/wireshark/wireshark/build/./asn1/x509af/x
    #21 0x7f9e61020437 in dissect_ber_sq_of /builds/wireshark/wireshark/build/../epan/dissectors/pac
    #22 0x7f9e610206f2 in dissect_ber_sequence_of /builds/wireshark/wireshark/build/../epan/dissector
    #23 0x7f9e63ba64b7 in dissect x509af Extensions /builds/wireshark/wireshark/build/./asn1/x509af/
    #24 0x7f9e61017bed in dissect ber sequence /builds/wireshark/wireshark/build/../epan/dissectors/
    #25 0x7f9e63ba9367 in dissect_x509af_T_signedCertificate /builds/wireshark/wireshark/build/./asn
    #26 0x7f9e61017bed in dissect ber sequence /builds/wireshark/wireshark/build/../epan/dissectors/
    #27 0x7f9e63ba6527 in dissect_x509af_Certificate /builds/wireshark/wireshark/build/./asn1/x509af
    #28 0x7f9e6293c5e9 in ssl_dissect_hnd_cert /builds/wireshark/wireshark/build/../epan/dissectors/
    #29 0x7f9e629656ca in dissect_tls_handshake_full /builds/wireshark/wireshark/build/../epan/disse
    #30 0x7f9e629632fa in dissect tls handshake /builds/wireshark/wireshark/build/../epan/dissectors
    #31 0x7f9e6295ed72 in dissect_ssl3_record /builds/wireshark/wireshark/build/../epan/dissectors/p
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#32 0x7f9e6295aa21 in dissect_ssl /builds/wireshark/wireshark/build/../epan/dissectors/packet-tl
    #33 0x7f9e63f361d1 in call_dissector_through_handle /builds/wireshark/wireshark/build/../epan/pa
    #34 0x7f9e63f2b000 in call dissector work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #35 0x7f9e63f32a20 in call dissector only /builds/wireshark/wireshark/build/../epan/packet.c:323
    #36 0x7f9e63f27024 in call dissector with data /builds/wireshark/wireshark/build/../epan/packet.
    #37 0x7f9e63f32a61 in call dissector /builds/wireshark/wireshark/build/../epan/packet.c:3263:9
    #38 0x7f9e61642dd2 in dissect eap /builds/wireshark/wireshark/build/../epan/dissectors/packet-ea
    #39 0x7f9e63f361d1 in call dissector through handle /builds/wireshark/wireshark/build/../epan/pa
    #40 0x7f9e63f2b000 in call_dissector_work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #41 0x7f9e63f2a919 in dissector_try_uint_new /builds/wireshark/wireshark/build/../epan/packet.c:
    #42 0x7f9e61649839 in dissect eapol /builds/wireshark/wireshark/build/../epan/dissectors/packet-
    #43 0x7f9e63f361d1 in call_dissector_through_handle /builds/wireshark/wireshark/build/../epan/pa
    #44 0x7f9e63f2b000 in call dissector work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #45 0x7f9e63f2a919 in dissector_try_uint_new /builds/wireshark/wireshark/build/../epan/packet.c:
    #46 0x7f9e63f2b3eb in dissector_try_uint /builds/wireshark/wireshark/build/../epan/packet.c:1437
    #47 0x7f9e61d70341 in dissect_snap /builds/wireshark/wireshark/build/../epan/dissectors/packet-l
    #48 0x7f9e61d71134 in dissect_llc /builds/wireshark/wireshark/build/../epan/dissectors/packet-ll
    #49 0x7f9e63f361d1 in call_dissector_through_handle /builds/wireshark/wireshark/build/../epan/pa
    #50 0x7f9e63f2b000 in call dissector work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #51 0x7f9e63f32a20 in call dissector only /builds/wireshark/wireshark/build/../epan/packet.c:323
    #52 0x7f9e63f27024 in call dissector with data /builds/wireshark/wireshark/build/../epan/packet.
    #53 0x7f9e63f32a61 in call dissector /builds/wireshark/wireshark/build/../epan/packet.c:3263:9
    #54 0x7f9e61aa467a in dissect ieee80211 common /builds/wireshark/wireshark/build/../epan/dissect
    #55 0x7f9e61a74706 in dissect ieee80211 /builds/wireshark/wireshark/build/../epan/dissectors/pac
    #56 0x7f9e63f361d1 in call dissector through handle /builds/wireshark/wireshark/build/../epan/pa
    #57 0x7f9e63f2b000 in call dissector work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #58 0x7f9e63f32a20 in call_dissector_only /builds/wireshark/build/../epan/packet.c:323
    #59 0x7f9e63f27024 in call_dissector_with_data /builds/wireshark/wireshark/build/../epan/packet.
    #60 0x7f9e61a4e021 in dissect_wlan_radio /builds/wireshark/wireshark/build/../epan/dissectors/pa
    #61 0x7f9e63f361d1 in call_dissector_through_handle /builds/wireshark/wireshark/build/../epan/pa
    #62 0x7f9e63f2b000 in call_dissector_work /builds/wireshark/build/../epan/packet.c:813
    #63 0x7f9e63f32a20 in call dissector only /builds/wireshark/wireshark/build/../epan/packet.c:323
    #64 0x7f9e63f27024 in call dissector with data /builds/wireshark/wireshark/build/../epan/packet.
    #65 0x7f9e61a60959 in dissect radiotap /builds/wireshark/wireshark/build/../epan/dissectors/pack
    #66 0x7f9e63f361d1 in call dissector through handle /builds/wireshark/wireshark/build/../epan/pa
    #67 0x7f9e63f2b000 in call dissector work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #68 0x7f9e63f32a20 in call dissector only /builds/wireshark/wireshark/build/../epan/packet.c:323
    #69 0x7f9e6175f8b6 in dissect frame /builds/wireshark/wireshark/build/../epan/dissectors/packet-
    #70 0x7f9e63f361d1 in call dissector through handle /builds/wireshark/wireshark/build/../epan/pa
    #71 0x7f9e63f2b000 in call dissector work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #72 0x7f9e63f32a20 in call dissector only /builds/wireshark/wireshark/build/../epan/packet.c:323
    #73 0x7f9e63f27024 in call_dissector_with_data /builds/wireshark/wireshark/build/../epan/packet.
    #74 0x7f9e63f2680f in dissect_record /builds/wireshark/wireshark/build/../epan/packet.c:594:3
    #75 0x7f9e63ef5f88 in epan_dissect_run_with_taps /builds/wireshark/wireshark/build/../epan/epan.
    #76 0x5604c945e357 in process_packet_second_pass /builds/wireshark/wireshark/build/../tshark.c:3
    #77 0x5604c945c88e in process cap file second pass /builds/wireshark/wireshark/build/../tshark.c
    #78 0x5604c94569h6 in process cap file /builds/wireshark/wireshark/build/../tshark.c:3650:28
    #79 0x5604c94504c8 in main /builds/wireshark/wireshark/build/../tshark.c:2102:16
    #80 0x7f9e5711e0b2 in libc start main (/lib/x86 64-linux-gnu/libc.so.6+0x270b2)
    #81 0x5604c937f43d in start (/builds/wireshark/wireshark/ install/bin/tshark+0x5b43d)
0x60600088643b is located 0 bytes to the right of 59-byte region [0x606000886400,0x60600088643b)
   #0 0x5604c93f78fd in free (/builds/wireshark/wireshark/_install/bin/tshark+0xd38fd)
    #1 0x7f9e63e00f03 in wmem_free /builds/wireshark/wireshark/build/../epan/wmem/wmem_core.c:65:9
    #2 0x7f9e63e0b01b in wmem_strict_free /builds/wireshark/wireshark/build/../epan/wmem/wmem_alloca
   #3 0x7f9e63e0b0c4 in wmem_strict_free_all /builds/wireshark/wireshark/build/../epan/wmem/wmem_al
    #4 0x7f9e63e01279 in wmem_free_all_real /builds/wireshark/wireshark/build/../epan/wmem/wmem_core
    #5 0x7f9e63e011d6 in wmem free all /builds/wireshark/wireshark/build/../epan/wmem/wmem core.c:11
    #6 0x7f9e63e10a1a in wmem leave packet scope /builds/wireshark/wireshark/build/../epan/wmem/wmem
    #7 0x7f9e63ef5f2d in epan dissect run /builds/wireshark/wireshark/build/../epan/epan.c:588:2
    #8 0x5604c945db37 in process packet first pass /builds/wireshark/wireshark/build/../tshark.c:302
    #9 0x5604c945bf2f in process cap file first pass /builds/wireshark/wireshark/build/../tshark.c:3
    #10 0x5604c945696c in process cap file /builds/wireshark/wireshark/build/../tshark.c:3631:25
    #11 0x5604c94504c8 in main /builds/wireshark/wireshark/build/../tshark.c:2102:16
    #12 0x7f9e5711e0b2 in __libc_start_main (/lib/x86_64-linux-gnu/libc.so.6+0x270b2)
previously allocated by thread T0 here:
    #0 0x5604c93f7b7d in malloc (/builds/wireshark/wireshark/_install/bin/tshark+0xd3b7d)
    #1 0x7f9e5738be98 in g_malloc (/lib/x86_64-linux-gnu/libglib-2.0.so.0+0x57e98)
```

#2 0x7f9e63e0a8ab in wmem_strict_alloc /builds/wireshark/wireshark/build/../epan/wmem/wmem_alloc #3 0x7f9e63e0ac94 in wmem_strict_realloc /builds/wireshark/wireshark/build/../epan/wmem/wmem_all

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#4 0x7f9e63e011b0 in wmem_realloc /builds/wireshark/wireshark/build/../epan/wmem/wmem_core.c:96:
   #5 0x7f9e63e1327c in wmem_strbuf_finalize /builds/wireshark/wireshark/build/../epan/wmem/wmem_st
   #6 0x7f9e63f1d4dc in rel oid subid2string /builds/wireshark/wireshark/build/../epan/oids.c:898:9
   #7 0x7f9e63f18a07 in oid_subid2string /builds/wireshark/wireshark/build/../epan/oids.c:875:9
    #8 0x7f9e63f1f5f4 in oid encoded2string /builds/wireshark/wireshark/build/../enan/oids.c:1164:9
    #9 0x7f9e6101dd26 in dissect her any oid str /huilds/wireshark/wireshark/huild/../epan/dissector
    #10 0x7f9e6101dec2 in dissect ber object identifier str /builds/wireshark/wireshark/build/../epa
    #11 0x7f9e631994df in dissect_cms_T_capability /builds/wireshark/wireshark/build/./asn1/cms/cms.
    #12 0x7f9e61017bed in dissect_ber_sequence /builds/wireshark/wireshark/build/../epan/dissectors/
    #13 0x7f9e63199477 in dissect_cms_SMIMECapability /builds/wireshark/wireshark/build/./asn1/cms/c
    #14 0x7f9e61020437 in dissect_ber_sq_of /builds/wireshark/wireshark/build/../epan/dissectors/pac
    #15 0x7f9e610206f2 in dissect_ber_sequence_of /builds/wireshark/wireshark/build/../epan/dissect
    #16 0x7f9e63199407 in dissect_cms_SMIMECapabilities /builds/wireshark/wireshark/build/./asn1/cms
    #17 0x7f9e63194397 in dissect_SMIMECapabilities_PDU /builds/wireshark/wireshark/build/./asn1/cms
    #18 0x7f9e63f361d1 in call_dissector_through_handle /builds/wireshark/wireshark/build/../epan/pa
    #19 0x7f9e63f2b000 in call_dissector_work /builds/wireshark/wireshark/build/../epan/packet.c:813
    #20 0x7f9e63f2c136 in dissector_try_string_new /builds/wireshark/wireshark/build/../epan/packet.
    #21 0x7f9e63f2c206 in dissector_try_string /builds/wireshark/wireshark/build/../epan/packet.c:17
    #22 0x7f9e6100e26d in call_ber_oid_callback /builds/wireshark/wireshark/build/../epan/dissectors
    #23 0x7f9e63ba9279 in dissect_x509af_T_extnValue /builds/wireshark/wireshark/build/./asn1/x509af
    #24 0x7f9e61017bed in dissect ber sequence /builds/wireshark/wireshark/build/../epan/dissectors/
    #25 0x7f9e63ba6447 in dissect x509af Extension /builds/wireshark/wireshark/build/./asn1/x509af/x
    #26 0x7f9e61020437 in dissect ber sq of /builds/wireshark/wireshark/build/../epan/dissectors/pac
    #27 0x7f9e610206f2 in dissect_ber_sequence_of /builds/wireshark/wireshark/build/../epan/dissector
    #28 0x7f9e63ba64b7 in dissect x509af Extensions /builds/wireshark/wireshark/build/./asn1/x509af/
    #29 0x7f9e61017bed in dissect_ber_sequence /builds/wireshark/wireshark/build/../epan/dissectors/
SUMMARY: AddressSanitizer: heap-use-after-free (/builds/wireshark/wireshark/_install/bin/tshark+0x6e
Shadow bytes around the buggy address:
  0x0c0c80108c30: fd fd fd fd fa fa fa fa fd fd fd fd fd fd fd fa
  0x0c0c80108c40: fa fa fa fa fd fd fd fd fd fd fd fa fa fa fa
  0x0c0c80108c50: fd fd fd fd fd fd fa fa fa fa fa fd fd fd fd
  0x0c0c80108c60: fd fd fd fa fa fa fa fd fd fd fd fd fd fd fa
  0x0c0c80108c70: fa fa fa fa fd fd fd fd fd fd fa fa fa fa
=>0x0c0c80108c80: fd fd fd fd[fd]fd fd fd fa fa fa fa fd fd fd
  0x0c0c80108c90: fd fd fd fa fa fa fa fa 00 00 00 00 00 00 00
  0x0c0c80108ca0: fa fa fa fa fd fd fd fd fd fd fa fa fa fa
  0x0c0c80108cb0: fd fd fd fd fd fd fa fa fa fa fa fd fd fd
  0x0c0c80108cc0: fd fd fd fd fa fa fa fa 00 00 00 00 00 00 00 00
  0x0c0c80108cd0: fa fa fa fa fd fd fd fd fd fd fd fa fa fa fa
Shadow byte legend (one shadow byte represents 8 application bytes):
  Addressable:
                    00
  Partially addressable: 01 02 03 04 05 06 07
  Heap left redzone:
                         fa
  Freed heap region:
                          fd
                         f1
  Stack left redzone:
  Stack mid redzone:
                         £2
  Stack right redzone:
  Stack after return:
  Stack use after scope: f8
  Global redzone:
  Global init order:
  Poisoned by user:
  Container overflow:
                         fc
  Array cookie:
  Intra object redzone: bb
  ASan internal:
  Left alloca redzone:
  Right alloca redzone: cb
  Shadow gap:
==87972==ABORTING
fuzz-test.sh stderr:
Running as user "root" and group "root". This could be dangerous.
```

no debug trace

To upload designs, you'll need to enable LFS and have an admin enable hashed storage. More information

