## [Live-devel] Live555 Assertion Violation bug

Ba Jinsheng bajinsheng at u.nus.edu Thu Aug 12 07:19:39 PDT 2021

- Previous message (by thread): [Live-devel] HLSProxy.

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Dear Ross Finlayson,
      There may be an assertion violation bug.
      When sending multiple SETUP and PLAY commands, the live555 may violate this assertion: liveMedia/FramedSource.cpp:65
Then it outputs "FramedSource[0x610000000440]::getNextFrame(): attempting to read more than once at the same time!" and aborts itself.
The call stack of the exit point:

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#6 Ox64fafa in UsageDavironment::internalError() / home/ubuntu/experiments/live555-libfuzzer/UsageDavironment.UsageDavironment.up:42:3

#6 Ox64fafa in UsageDavironment::internalError() / home/ubuntu/experiments/live555-libfuzzer/UsageDavironment.UsageDavironment.up:42:3

#6 Ox64fafa in UsageDavironment::internalError() / home/ubuntu/experiments/live555-libfuzzer/liveMedia/Fzamedavironment.up:42:3

#8 Ox6516 in StreamBarser::ensureValidBytes(unsigned int), home/ubuntu/experiments/live555-libfuzzer/liveMedia//StreamBarser.op:156:17

#8 Ox658f35 in StreamBarser::ensureValidBytes(unsigned int) / home/ubuntu/experiments/live555-libfuzzer/liveMedia//StreamBarser.op:156:17

#8 Ox658f35 in StreamBarser::ensureValidBytes(unsigned int) / home/ubuntu/experiments/live555-libfuzzer/liveMedia//StreamBarser.op:136:17

#8 Ox658f35 in MPEGProgramStreamBarser::ensureValidBytes(unsigned int) / home/ubuntu/experiments/live555-libfuzzer/liveMedia/MPEGIorZDemux.op;38:19

#8 Ox658f35 in MPEGProgramStreamBarser::ensureValidBytes(unsigned int)

#8 Ox658f36 in MPEGIorZDemux:continueReadForcessing() / home/ubuntu/experiments/live555-libfuzzer/liveMedia/MPEGIorZDemux.op;38:50

#8 Ox658f36 in MPEGIorZDemux:continueReadForcessing() / home/ubuntu/experiments/live555-libfuzzer/liveMedia/MPEGIorZDemux.op;38:50

#8 Ox659f36 in MPEGIorZDemux:continueReadForcessing() / home/ubuntu/experiments/live555-libfuzzer/liveMedia/MPEGIorZDemux.op;38:51

#8 Ox659f36 in MPEGIorZDemux:continueReadForcessing() / home/ubuntu/experiments/live555-libfuzzer/liveMedia/MPEGIorZDemux.op;38:41

#8 Ox659f36 in M
      To reproduce it, please download the attachment:
               1. Build the docker image:
      docker build . -t live555 bug

    Start a container on the image and open two terminals.
    In one terminal, run the live555:
    cd live/testProgs/; ./testOnDemandRTSPServer

    python3 poc.py {\small \mbox{ Then the testOnDemandRTSPServer aborts.}}
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Name: live555 assertion.zip

Type: application/x-zip-compressed

Size: 1442 bytes

Desc: live55 assertion.zip

URL: <a href="http://lists.live555">http://lists.live555</a>.com/pipermail
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