

## Tvheadend - Bug #5860

### Constant crash on unsubscribe

2020-02-20 15:24 - Gergely Cs.

<b>Status:</b>	New	<b>Start date:</b>	2020-02-20
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Crashes	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected Versions:</b>	
<b>Found in version:</b>	4.3-1733~g7d3aa1194		

#### Description

Hello, I have a problem with TVHE 4.3.xx series.

Nowadays the program crashes when somebody unsubscribe from channels.

I've used 4.3-1733~g7d3aa1194 for a while, but now this bug won't go away.

Upgraded to latest version does not solved the issue (now i'm on 4.3-1857~g221c29b40)

It seems like it occurs when somebody unsubscribes from a channel.

This was an unsubscribe from a SATIP source (MiniSatIP 1.0.2-5dc22e4 on the remote side, if it matters):

```
2020-02-19 20:27:05.613 [ INFO]:subscription: 00A4: "HTTP" unsubscribing from "xxxx", hostname="
xxx.xxx.xxx.xxx", username="xxxx", client="Mozilla/5.0 (WebOS; Linux/SmartTV) AppleWebKit/537.36 (
KHTML, like Gecko) Chrome/38.0.2125.122 Safari/537.36 LG Browser/8.00.00 (LGE; 49LH630V-ZJ; 05.30.4
5; 1; DTV_W16R); webOS.TV-2016; LG NetCast.TV-2013 Compatible (LGE, 49LH630V-ZJ, wired)"
2020-02-19 20:27:05.614 [ ALERT]:CRASH: Signal: 11 in PRG: /usr/bin/tvheadend (4.3-1857~g221c29b4
0) [de50b2cf6e8321a8a046732ddee8d8596f50f02a] CWD: /
2020-02-19 20:27:05.614 [ ALERT]:CRASH: Fault address (nil) (N/A)
2020-02-19 20:27:05.614 [ ALERT]:CRASH: Loaded libraries: linux-vdso.so.1 /usr/lib/x86_64-linux-g
nu/libdvhbcsa.so.1 /usr/lib/x86_64-linux-gnu/libssl.so.1.1 /usr/lib/x86_64-linux-gnu/libcrypto.so.1
.1 /lib/x86_64-linux-gnu/libz.so.1 /lib/x86_64-linux-gnu/libpcre.so.3 /usr/lib/x86_64-linux-gnu/li
buriparser.so.1 /usr/lib/x86_64-linux-gnu/libavahi-common.so.3 /usr/lib/x86_64-linux-gnu/libavahi-
client.so.3 /lib/x86_64-linux-gnu/libdbus-1.so.3 /lib/x86_64-linux-gnu/libdl.so.2 /lib/x86_64-linu
x-gnu/libpthread.so.0 /lib/x86_64-linux-gnu/libm.so.6 /lib/x86_64-linux-gnu/librt.so.1 /lib/x86_64
-linux-gnu/libmvec.so.1 /usr/lib/x86_64-linux-gnu/libstdc++.so.6 /lib/x86_64-linux-gnu/libc.so.6 /
lib/x86_64-linux-gnu/libsystemd.so.0 /lib64/ld-linux-x86-64.so.2 /lib/x86_64-linux-gnu/libgcc_s.so
.1 /lib/x86_64-linux-gnu/libselinux.so.1 /lib/x86_64-linux-gnu/liblzma.so.5 /usr/lib/x86_64-linux-
gnu/liblz4.so.1 /lib/x86_64-linux-gnu/libgcrypt.so.20 /lib/x86_64-linux-gnu/libgpg-error.so.0 /lib
/x86_64-linux-gnu/libnss_compat.so.2 /lib/x86_64-linux-gnu/libnsl.so.1 /lib/x
2020-02-19 20:27:05.614 [ ALERT]:CRASH: Register dump [23]: 00007f4642f962700000000000000000100000
0000000007000007f468006a82000007f4642f9612000000000000000000000007f4642f9617000007f468005c5500000557
c47b15ce0000000000000000100007f4642f9637000007f46ac035a100000000000000031c26a756361727000000000000
00000000007f4642f961100000557c4640285e000000000010286002b00000000003300000000000000000000000000
0000dfffffe7ffbbal30000000000000000
2020-02-19 20:27:05.614 [ ALERT]:CRASH: STACKTRACE
2020-02-19 20:27:05.768 [ ALERT]:CRASH: ??:0 0x557c4643aa4a 0x557c46224000
2020-02-19 20:27:05.917 [ ALERT]:CRASH: ??:0 0x7f46dd1130e0 0x7f46dd102000
2020-02-19 20:27:06.069 [ ALERT]:CRASH: ??:0 0x557c4640285e 0x557c46224000
2020-02-19 20:27:06.198 [ ALERT]:CRASH: ??:0 0x557c46497b75 0x557c46224000
2020-02-19 20:27:06.326 [ ALERT]:CRASH: ??:0 0x557c4649861a 0x557c46224000
2020-02-19 20:27:06.454 [ ALERT]:CRASH: ??:0 0x557c4640907d 0x557c46224000
2020-02-19 20:27:06.579 [ ALERT]:CRASH: ??:0 0x557c4640a23c 0x557c46224000
2020-02-19 20:27:06.708 [ ALERT]:CRASH: ??:0 0x557c4640a435 0x557c46224000
2020-02-19 20:27:06.835 [ ALERT]:CRASH: ??:0 0x557c46409594 0x557c46224000
2020-02-19 20:27:06.961 [ ALERT]:CRASH: ??:0 0x557c4640a79b 0x557c46224000
2020-02-19 20:27:07.087 [ ALERT]:CRASH: ??:0 0x557c4640aa63 0x557c46224000
2020-02-19 20:27:07.237 [ ALERT]:CRASH: ??:0 0x557c46401160 0x557c46224000
2020-02-19 20:27:07.390 [ ALERT]:CRASH: ??:0 0x557c463fc381 0x557c46224000
```

But it happens with local TBS 6909 tuners also:

```

2020-02-19 20:22:05.362 [ INFO]:subscription: 0412: "HTTP" unsubscribing from "xxxx", hostname="
xxx.xxx.xxx.xxx", username="xxxx", client="Smart IPTV/1.7.1 (Linux;Android 8.1.0) ExoPlayerLib/2.1
0.2"
2020-02-19 20:22:05.362 [ ALERT]:CRASH: Signal: 11 in PRG: /usr/bin/tvheadend (4.3-1857~g221c29b4
0) [de50b2cf6e8321a8a046732dde8d8596f50f02a] CWD: /
2020-02-19 20:22:05.362 [ ALERT]:CRASH: Fault address (nil) (N/A)
2020-02-19 20:22:05.362 [ ALERT]:CRASH: Loaded libraries: linux-vdso.so.1 /usr/lib/x86_64-linux-g
nu/libdvbcsa.so.1 /usr/lib/x86_64-linux-gnu/libssl.so.1.1 /usr/lib/x86_64-linux-gnu/libcrypto.so.1
.1 /lib/x86_64-linux-gnu/libz.so.1 /lib/x86_64-linux-gnu/libpcre.so.3 /usr/lib/x86_64-linux-gnu/li
buriparser.so.1 /usr/lib/x86_64-linux-gnu/libavahi-common.so.3 /usr/lib/x86_64-linux-gnu/libavahi-
client.so.3 /lib/x86_64-linux-gnu/libdbus-1.so.3 /lib/x86_64-linux-gnu/libdl.so.2 /lib/x86_64-linu
x-gnu/libpthread.so.0 /lib/x86_64-linux-gnu/libm.so.6 /lib/x86_64-linux-gnu/librt.so.1 /lib/x86_64
-linux-gnu/libmvec.so.1 /usr/lib/x86_64-linux-gnu/libstdc++.so.6 /lib/x86_64-linux-gnu/libc.so.6 /
lib/x86_64-linux-gnu/libsystemd.so.0 /lib64/ld-linux-x86-64.so.2 /lib/x86_64-linux-gnu/libgcc_s.so
.1 /lib/x86_64-linux-gnu/libselinux.so.1 /lib/x86_64-linux-gnu/liblzma.so.5 /usr/lib/x86_64-linux-
gnu/liblz4.so.1 /lib/x86_64-linux-gnu/libgcrypt.so.20 /lib/x86_64-linux-gnu/libgpg-error.so.0 /lib
/x86_64-linux-gnu/libnss_compat.so.2 /lib/x86_64-linux-gnu/libnsl.so.1 /lib/x
2020-02-19 20:22:05.362 [ ALERT]:CRASH: Register dump [23]: 00007f2ddf59927000000000000000100007
f2e5c06e98000007f2e5c104ac000007f2ddf5991300000000000000000000000007f2ddf59917000007f2e5c099ba00000555
aaa50dce000000000000000000100007f2ddf59937000007f2e4c0c1f406c61c275746b61207a61202c696b207a000000000
000000000007f2ddf5991200000555aa8dfa85e000000000010202002b00000000003300000000000000000000000000000
0000dffffffffe7ffbba13000000000000000000000
2020-02-19 20:22:05.362 [ ALERT]:CRASH: STACKTRACE
2020-02-19 20:22:05.510 [ ALERT]:CRASH: ??:0 0x555aa8e32a4a 0x555aa8c1c000
2020-02-19 20:22:05.652 [ ALERT]:CRASH: ??:0 0x7f2e7bde50e0 0x7f2e7bdd4000
2020-02-19 20:22:05.824 [ ALERT]:CRASH: ??:0 0x555aa8dfa85e 0x555aa8c1c000
2020-02-19 20:22:05.968 [ ALERT]:CRASH: ??:0 0x555aa8e8fb75 0x555aa8c1c000
2020-02-19 20:22:06.105 [ ALERT]:CRASH: ??:0 0x555aa8e9061a 0x555aa8c1c000
2020-02-19 20:22:06.282 [ ALERT]:CRASH: ??:0 0x555aa8e0107d 0x555aa8c1c000
2020-02-19 20:22:06.449 [ ALERT]:CRASH: ??:0 0x555aa8e0223c 0x555aa8c1c000
2020-02-19 20:22:06.615 [ ALERT]:CRASH: ??:0 0x555aa8e02435 0x555aa8c1c000
2020-02-19 20:22:06.784 [ ALERT]:CRASH: ??:0 0x555aa8e01594 0x555aa8c1c000
2020-02-19 20:22:06.951 [ ALERT]:CRASH: ??:0 0x555aa8e0279b 0x555aa8c1c000
2020-02-19 20:22:07.118 [ ALERT]:CRASH: ??:0 0x555aa8e02a63 0x555aa8c1c000
2020-02-19 20:22:07.287 [ ALERT]:CRASH: ??:0 0x555aa8df9160 0x555aa8c1c000
2020-02-19 20:22:07.467 [ ALERT]:CRASH: ??:0 0x555aa8df4381 0x555aa8c1c000

```

It was on Debian 9. Now I have upgraded to Debian 10 and new TBS drivers.  
But as it fails with Minisatip I'm not sure that it is related to tuners.

### History

#### #1 - 2020-02-20 15:46 - Flole Systems

<https://tvheadend.org/projects/tvheadend/wiki/Debugging#Incorrect-not-useable-crash-reports>

#### #2 - 2020-02-20 15:48 - Gergely Cs.

Flole Systems wrote:

<https://tvheadend.org/projects/tvheadend/wiki/Debugging#Incorrect-not-useable-crash-reports>

Thanks, I'll install that and get back with correct crash reports!

#### #3 - 2020-02-21 20:49 - Gergely Cs.

Flole Systems wrote:

<https://tvheadend.org/projects/tvheadend/wiki/Debugging#Incorrect-not-useable-crash-reports>

So I have the first crash since last report, now it's not on unsubscribe, but (I hope) with a correct debug info:

```

2020-02-21 20:33:20.150 [ INFO]:subscription: 0DF4: "HTTP" unsubscribing from "HISTORY", hostname="31.46.196
.77", username="evoip017", client="Enigma2 HbbTV/1.1.1 (+PVR+RTSP+DL;openATV;;)"
2020-02-21 20:33:20.306 [WARNING]:cwc: 10.33.2.1:13001: Got unexpected ECM reply (seqno:34013)
2020-02-21 20:33:20.549 [ INFO]:http: 31.46.196.77: using auth Pph5RS3Ppdfh-kTi9vyL5ayUf6e-8 for /stream/chan
nelid/2078556107
2020-02-21 20:33:20.632 [ INFO]:subscription: 0DF5: "HTTP" subscribing on channel "HISTORY HD", weight: 100,

```



saen acro wrote:

Gergely Cs. wrote:

Using hand-made m3u, rolled to STB's with a plugin called e2m3u2bouquet.

URL format in M3U: [http://&&hostname&&gt;:9981/stream/channelid/&&channelid&&gt;?profile=pass&&auth=&&persistent\\_auth\\_key>](http://&&hostname&&gt;:9981/stream/channelid/&&channelid&&gt;?profile=pass&&auth=&&persistent_auth_key>)

TVH can create E2 formatted playlist

[...]

Sure. I just edit a template file, then a PHP generates custom M3U to every STB/Smart TV/trunk server. And the M3U contains very different channel sets for those. But this is off topic for this bug I think.

## #9 - 2020-02-29 20:10 - Gergely Cs.

Another crash from 02.25:

```
2020-02-25 21:51:36.530 [ INFO]:subscription: 0974: "HTTP" subscribing on channel "xxx", weight: 100, adapter: "xxx #13 (xxx:50554@TCP)", network: "xxx", mux: "778MHz", provider: "xxx", service: "xxx", profile="pass", hostname="xxx.xxx.xxx.xxx", username="xxx", client="Enigma2 HbbTV/1.1.1 (+PVR+RTSP+DL;openATV;;)"
2020-02-25 21:51:37.200 [ INFO]:subscription: 0972: "HTTP" unsubscribing from "xxx", hostname="xxx.xxx.xxx.xxx", username="xxx", client="Mozilla/5.0 (WebOS; Linux/SmartTV) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/38.0.2125.122 Safari/537.36 LG Browser/8.00.00 (LGE; 49LH630V-ZJ; 05.30.45; 1; DTV_W16R); webOS.TV-2016; LG NetCast.TV-2013 Compatible (LGE, 49LH630V-ZJ, wired)"
2020-02-25 21:51:37.396 [ INFO]:http: xxx.xxx.xxx.xxx: using auth xxx for /stream/channelid/55106997
2020-02-25 21:51:37.398 [ INFO]:subscription: 0975: "HTTP" subscribing on channel "xxx", weight: 100, adapter: "TBS 5", network: "xxx", mux: "11938H", provider: "xxx", service: "xxx", profile="pass", hostname="xxx.xxx.xxx.xxx", username="xxx", client="Mozilla/5.0 (WebOS; Linux/SmartTV) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/38.0.2125.122 Safari/537.36 LG Browser/8.00.00 (LGE; 49LH630V-ZJ; 05.30.45; 1; DTV_W16R); webOS.TV-2016; LG NetCast.TV-2013 Compatible (LGE, 49LH630V-ZJ, wired)"
2020-02-25 21:51:37.457 [ ALERT]:CRASH: Signal: 11 in PRG: /usr/bin/tvheadend (4.3-1857~g221c29b40) [de50b2cf6e8321a8a046732ddee8d8596f50f02a] CWD: /tmp
2020-02-25 21:51:37.457 [ ALERT]:CRASH: Fault address 0x28 (Address not mapped)
2020-02-25 21:51:37.457 [ ALERT]:CRASH: Loaded libraries: linux-vdso.so.1 /usr/lib/x86_64-linux-gnu/libdvdcsa.so.1 /usr/lib/x86_64-linux-gnu/libssl.so.1.1 /usr/lib/x86_64-linux-gnu/libcrypto.so.1.1 /lib/x86_64-linux-gnu/libz.so.1 /lib/x86_64-linux-gnu/libpcrc.so.3 /usr/lib/x86_64-linux-gnu/liburiparser.so.1 /usr/lib/x86_64-linux-gnu/libavahi-com-mon.so.3 /usr/lib/x86_64-linux-gnu/libavahi-client.so.3 /lib/x86_64-linux-gnu/libdbus-1.so.3 /lib/x86_64-linux-gnu/libdl.so.2 /lib/x86_64-linux-gnu/libpthread.so.0 /lib/x86_64-linux-gnu/libm.so.6 /lib/x86_64-linux-gnu/librt.so.1 /lib/x86_64-linux-gnu/libmvec.so.1 /usr/lib/x86_64-linux-gnu/libstdc++.so.6 /lib/x86_64-linux-gnu/libc.so.6 /lib/x86_64-linux-gnu/libsystemd.so.0 /lib/x86_64-linux-gnu/libgcc_s.so.1 /lib/x86_64-linux-gnu/liblzma.so.5 /usr/lib/x86_64-linux-gnu/liblz4.so.1 /lib/x86_64-linux-gnu/libgcrypt.so.20 /lib/x86_64-linux-gnu/libgpg-error.so.0 /lib/x86_64-linux-gnu/libnss_files.so.2 /lib/x86_64-linux-gnu/libnss_systemd.so.2
2020-02-25 21:51:37.457 [ ALERT]:CRASH: Register dump [23]: 000000000000000000000007f5560004d6000007f556001e59000007f556e327a6000007f54d19cb26000000000000001000007f556001222000007f556000308000007f5560004c2d0000565397b2d0610000000000000000
0007f556009aa6000000000000004000007f5560004c2d00000005054544800007f54d19cb1c00000565396c266e400000000000010202002b000000000330000000000000000400000000000000000effffffe7ffbba1300000000000000028
2020-02-25 21:51:37.457 [ ALERT]:CRASH: STACKTRACE
2020-02-25 21:51:37.837 [ ALERT]:CRASH: /project/repo/checkout/src/trap.c:176 0x565396bcca4a 0x5653969b6000
2020-02-25 21:51:38.238 [ ALERT]:CRASH: ???:0 0x7f556e6bd730 0x7f556e6ab000
2020-02-25 21:51:38.574 [ ALERT]:CRASH: /project/repo/checkout/src/webui/webui.c:306 0x565396c266e4 0x5653969b6000
2020-02-25 21:51:38.892 [ ALERT]:CRASH: /project/repo/checkout/src/tcp.c:1148 0x565396b9522b 0x5653969b6000
2020-02-25 21:51:39.211 [ ALERT]:CRASH: /project/repo/checkout/src/api/api_status.c:92 0x565396bf56bb 0x5653969b6000
2020-02-25 21:51:39.531 [ ALERT]:CRASH: /project/repo/checkout/src/webui/webui_api.c:47 0x565396c2ee48 0x5653969b6000
2020-02-25 21:51:39.847 [ ALERT]:CRASH: /project/repo/checkout/src/http.c:1246 0x565396b9b07d 0x5653969b6000
2020-02-25 21:51:40.239 [ ALERT]:CRASH: /project/repo/checkout/src/http.c:1321 0x565396b9c23c 0x5653969b6000
2020-02-25 21:51:40.561 [ ALERT]:CRASH: /project/repo/checkout/src/http.c:1403 0x565396b9c435 0x5653969b6000
2020-02-25 21:51:40.898 [ ALERT]:CRASH: /project/repo/checkout/src/http.c:1538 0x565396b9b594 0x5653969b6000
2020-02-25 21:51:41.231 [ ALERT]:CRASH: /project/repo/checkout/src/http.c:2023 0x565396b9c79b 0x5653969b6000
2020-02-25 21:51:41.564 [ ALERT]:CRASH: /project/repo/checkout/src/http.c:2074 0x565396b9ca63 0x5653969b6000
2020-02-25 21:51:41.891 [ ALERT]:CRASH: /project/repo/checkout/src/tcp.c:724 0x565396b93160 0x5653969b6000
```

```
2020-02-25 21:51:42.219 [ ALERT]:CRASH: /project/repo/checkout/src/tvh_thread.c:91 0x565396b8e381 0x5653969b6000
2020-02-25 21:51:42.566 [ ALERT]:CRASH: ??:0 0x7f556e6b2fa3 0x7f556e6ab000
2020-02-25 21:51:42.566 [ ALERT]:CRASH: clone+0x3f (/lib/x86_64-linux-gnu/libc.so.6)
```

**#10 - 2020-03-01 21:02 - Gergely Cs.**

Now something really nasty is going on with this build. It just literally ate 16G of ram, throwing "Discarding TS data" to logs, but no crashing. I will investigate the logs, I had to kill it by hand.

**#11 - 2020-03-24 15:59 - Tom W**

Yep - it's difficult to reproduce the error. I've seen the same problems: especially the complete freeze of the system has been a mess.

The error itself has been reported already last year. Unfortunately it was not possible to look into the reason. I've switched.

**#12 - 2020-03-24 17:42 - Flole Systems**

Oh really? This is the first time I'm seeing a report of this issue.... Otherwise this would have to be marked as duplicate.

**#13 - 2020-03-25 17:55 - Gergely Cs.**

Maybe it's a bug related to EIT/EPG grabber.

Now I've switched over to XMLTV import, all inputs have EPG disabled, EIT grabber disabled, removed from cron.

It looks like that is not crashing anymore.

**#14 - 2020-05-12 14:20 - Tom W**

Most probably you are right:

In the meanwhile we have:

- the "unsubscribe crash"
- the "descrambler crash"
- and maybe the "EIT EPG" crash.

2020-05-12T14:06:22.295274+02:00 server tvheadend<sup>1400</sup>: subscription: 0139: "SAT>IP" unsubscribing, hostname="192.168.1.6"

2020-05-12T14:06:23.221205+02:00 server tvheadend<sup>1400</sup>: CRASH: Signal: 11 in PRG: /usr/local/bin/tvheadend (4.3-1857~g221c29b) [d5d28e10d208acc626def9ca9ffe26ea6152a62e] CWD: /

**#15 - 2020-05-12 14:23 - Tom W**

Fole Systems wrote:

Oh really? This is the first time I'm seeing a report of this issue.... Otherwise this would have to be marked as duplicate.

This issue is around at least a year.

**#16 - 2020-05-25 20:41 - Flole Systems**

To further investigate this issue gdb traces of src/tcp.c:1148 would be needed. I am using SAT>IP Clients aswell, also with a SAT>IP Server and EIT aswell but I have never seen this crash before.