

Tvheadend - Bug #5675

Tvheadend Command hello failed: No response received - needs a re-install on every boot

2019-07-04 09:20 - Chris Wesley

Status:	New	Start date:	2019-07-04
Priority:	Normal	Due date:	
Assignee:	Adam Sutton	% Done:	0%
Category:	PVR / DVR	Estimated time:	0.00 hour
Target version:		Affected Versions:	
Found in version:	4.2.7~LibreELEC Tvheadend v9.0.118		
Description			
Environment:			
Raspberry Pi 3b running LibreElec 9.0.2 & Kodi 18.2.			
Addons: HTS Tvheadend Server 4.2.7~LibreELEC Tvheadend v9.0.118, TVheadend Client 4.4.18.1.			
No login credentials are defined for TVheadend to connect to the server. It uses the default.			
Symptoms:			
1. System works fine for a week or so; I shut the system down each night via the system TV menu. Then one day the TV viewer & PVR fail to connect with PVR - showing 0% progress. This can be fixed by re-installing TV headend Server, but next reboot it will be broken again. Once this starts it has to be done every boot.			
2. Usually selecting a TV recording to play for the first time after a boot, causes a long delay & the "waiting" animation on screen. Sometimes it will eventually play. Other times I can press BACK then try again and it will play. Yet other times it will never recover and although it responds to some actions with a system "I head you" noise, and volume can be changed, for example, a reboot will be needed to regain enough control to use the system. A few of these forced reboots will render the system unbootable and a re-install will be needed.			
Diagnostics:			
Sorry I do not know how to transfer entire logs to a place from where I can upload them. I'm happy to do that if you can give me a steer on how. Otherwise, looking at the Kodi logs always shows five sets of this pair of messages, which look highly relevant to the first problem:			
ERROR: AddOnLog: Tvheadend HTSP Client:: pvr.hts - Command hello failed: No response received ERROR: AddOnLog: Tvheadend HTSP Client:: pvr.hts - failed to send hello			
I think that's all I can tell you for now, but I'd appreciate any help you can give.			
Thanks Chris			

History

#1 - 2019-07-04 09:30 - Chris Wesley

I found the log uploader add-on and used it to upload my log: <https://paste.kodi.tv/afipipitif>

#2 - 2019-07-04 10:57 - saen acro

Is server installed and started?

Is

`http://your.box.name.or.ip:9981`

opening?

#3 - 2019-07-04 11:28 - Chris Wesley

Hi Saen & thanks. Yes, the whole TV Head End interface is fine. It seems to be the connection between the server and the client which fails, and that seems to be supported by the log messages.

#4 - 2019-07-04 12:15 - saen acro

Go to **Tvheadend HTSP Client** settings and set

```
127.0.0.1
```

as ip
user and password also

#5 - 2019-07-04 13:13 - Chris Wesley

Thanks again.

In the client on the TV, the IP is already assigned I set a UID & password.

In the server on my PC's web interface I've enabled Access Entry, set a user anme, left web IF and admin unticked, set Streaming & video recorder to HTSP, allowed network to 127.0.0.1/32 & set the password.

Rebooted.

No change in symptoms. Kodi fails in the same way and with the same fix. New log file: <https://paste.kodi.tv/wovomamadi>

Any other thoughts?

#6 - 2019-07-04 15:22 - g siviero

I would also check dmesg and syslog for other errors (microSD failing and set to read only?).

#7 - 2019-07-04 19:53 - saen acro

This log is useless, enable debug logging in **Tvheadend HTSP Client**.

#8 - 2019-07-05 08:29 - Chris Wesley

I enabled debugging as instructed. The log is here: <https://paste.kodi.tv/osododubex>

#9 - 2019-07-05 08:47 - Chris Wesley

g siviero - thanks. DMESG shows 7 "urandom warnings missed due to rate limiting" warning.

I turned on some more debugging options & took another log: <https://paste.kodi.tv/wuhenibize>

That shows a few new items but I do not know what they mean. I hope you can help.

Thanks.

#10 - 2019-07-05 08:52 - saen acro

Read log of Tvheadend HTSP Client.

#11 - 2019-07-05 08:54 - Chris Wesley

OK I thought it might be helpful to implement the fix (re-installed Tvheadend Server) and then upload the log, and so that's here <https://paste.kodi.tv/nimifupero>.

It's the previous log with a bit tacked on the end. I can see the installation. Oddly, I can also see another instance of the HELLO COMMAND FAILED immediately after install, and then after that this:

```
ERROR: CCurlFile::Stat - Failed: HTTP response code said error(22) for http://USER:PASSWORD@127.0.0.1:9981/imagecache/114
```

- but the system, appears to work normally.

Anyone?

#12 - 2019-07-05 09:00 - saen acro

It's not problem of server it's problem of client

last error is because not used digest authentication

#13 - 2019-07-05 09:02 - Chris Wesley

saen - where is that log of Tvheadend HTSP Client?

I do not see it in /storage/.kodi/temp with the other logs

and the TV UI event log shows simply "sever does not respond properly"

and there are no logs I can see from the addon TV UI.

#14 - 2019-07-05 09:13 - Chris Wesley

saen, thanks but how do I fix that "digest authentication" thing?
I do not see options in any of the places I can think to look.

#15 - 2019-07-05 09:24 - Chris Wesley

OK I found and un-ticked Use HTTP digest authentication: in Tvheadend server's general settings - it didn't fix the problem - log file:
<https://paste.kodi.tv/suxaqunahu>.

#16 - 2019-07-05 09:30 - Chris Wesley

Since it works immediately after a re-install of Tvheadend sever,
and doesn't work after a reboot, presumably,
something is updating some aspect of the client/server communication in a way which breaks it.
I am guessing that saying "hello" is the very start of communication between the two, so it's fundamental.
Maybe it's the exchange of login data - hence your comment about authentication, but turning off digest auth didn't fix it, and why would system defaults just not work in this way, presumably for many users, and still be in place.

I just don't have the background in this stuff to conjecture usefully.

#17 - 2019-07-05 11:00 - saen acro

Super easy to test is to install Kodi on external device,
set IP and credential to TVH server and test.

#18 - 2019-07-05 11:22 - saen acro

Official support of PVR client
<https://forum.kodi.tv/forumdisplay.php?fid=168>

#19 - 2019-07-05 11:40 - Chris Wesley

Saen, for me installing Kodi on an external device is very far from super easy, but thanks for the steer on the official forum, and for your other efforts in trying to help me with this. I appreciate it.

#20 - 2019-07-05 12:32 - saen acro

You can install it on phone/tablet/PC

#21 - 2019-07-08 15:12 - Chris Wesley

Ah, I didn't know that - thanks again. I installed it on my phone and saw the exact same problem. After a reboot of the RPi I must re-install Tvheadend to prevent the failure of the client to speak to the server.

I also posted this original query to the official forum you suggested on Friday (<https://forum.kodi.tv/showthread.php?tid=345172>).
No responses so far.

#22 - 2019-07-08 15:31 - saen acro

Change image
<https://github.com/AlexELEFC/AF-RPI/releases>

#23 - 2019-07-08 15:35 - Chris Wesley

Just that? "Change image"? And to one from 2017, from an unknown source and for an un-specified reason?

#24 - 2019-07-08 16:35 - saen acro

Source is good, brand also.
It's just for test.
all extras inside are lot more than you can imagine.