

## Tvheadend - Bug #5596

### To many muxes ignored or failed

2019-04-10 19:06 - Thomas xyz

<b>Status:</b>	New	<b>Start date:</b>	2019-04-10
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<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

Hi,  
because of this Ticket <https://tvheadend.org/issues/5595> , i make this new.

I have the problem that a lot of services can not mapped.

From 990 Muxes were only 258 Services found, i could be a newcamd and oscam Problem, my oscam Server works fine with Oscam Clients, but not with TVH newcamd.

The Oscam Log shows me this:

```
2019/04/10 20:13:53 00000000 s (main) System name = Linux
2019/04/10 20:13:53 00000000 s (main) Host name = cubietruck
2019/04/10 20:13:53 00000000 s (main) Release = 4.20.7-sunxi
2019/04/10 20:13:53 00000000 s (main) Version = #5.75 SMP Fri Feb 8 09:02:10 CET 2019
2019/04/10 20:13:53 00000000 s (main) Machine = armv7l
2019/04/10 20:13:53 00000000 s (main) creating pidfile /tmp/.oscam/oscam.pid with pid 12969
2019/04/10 20:13:53 00000000 s (config) userdb reloaded: 4 accounts loaded, 0 expired, 0 disabled
2019/04/10 20:13:53 00000000 s (main) signal handling initialized
2019/04/10 20:13:53 00000000 s (net) cs357x: initialized (fd=4, port=10000, prio=1 [ SO_PRIORITY IP_TOS ])
2019/04/10 20:13:53 00000000 s (net) newcamd: initialized (fd=5, port=24241, prio=1 [ SO_PRIORITY IP_TOS ])
2019/04/10 20:13:53 00000000 s (net) -> CAID: 1834 PROVID: 1F1F1F
2019/04/10 20:13:53 00000000 s (reader) KD_HD_D02_Sky [mouse] creating thread for device /dev/EasyMouse2
2019/04/10 20:13:53 00000000 s (main) waiting for local card init
2019/04/10 20:13:53 401E10E1 h (webif) webif: decompressed 180016 bytes back into 444204 bytes
2019/04/10 20:13:53 401E10E1 h (webif) HTTP Server running. ip=0.0.0.0 port=2000
2019/04/10 20:13:53 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] Reader initialized (device=/dev/EasyMouse2, detect=cd, mhz=600, cardmhz=600)
2019/04/10 20:13:54 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] card detected
2019/04/10 20:13:55 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] ATR: 3B 9F 21 0E 49 52 44 45 54 4F
20 41 43 53 03 84 55 FF 80 6D
2019/04/10 20:13:57 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] detect irdeto tunneled nagra card
2019/04/10 20:13:57 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] no rsa key configured -> using irdeto mode
2019/04/10 20:13:57 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] detect irdeto card
2019/04/10 20:13:57 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] caid: 1722, acs: 3.84, country code: TEL
2019/04/10 20:13:57 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] providers: 4, ascii serial: #####
#####, hex serial: #####, hex base: ##
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] active providers: 2 (000000,000000)
)
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [mouse] found card system irdeto
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] THIS WAS A SUCCESSFUL START ATTEMPT No 1 out of max allotted of 1
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] entitlements for provider: 2, id: 000000
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 05E2, date: 2019/01/21 - 20
```

```

19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 05E6, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 010A, date: 2010/06/20 - 20
11/03/01
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 00F0, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 0064, date: 2013/09/11 - 20
14/05/23
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 0147, date: 2013/09/11 - 20
14/05/23
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 7D27, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 7D23, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 04CE, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 05E1, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 0608, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 05E0, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 0607, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 000F, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 05E4, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 05E5, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] chid: 05E3, date: 2019/01/21 - 20
19/06/02
2019/04/10 20:14:00 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] ready for requests
2019/04/10 20:14:01 00000000 s (main) init for all local cards done
2019/04/10 20:14:01 00000000 s (emmcache) loaded 85 emmcache records from /tmp/.oscam/oscam.emmcac
he in 2 ms
2019/04/10 20:14:01 00000000 s (emmcache) loaded 85 emmstat records from /tmp/.oscam/oscam.emmstat
in 1 ms
2019/04/10 20:14:01 00000000 s (anticasc) anti cascading disabled
2019/04/10 20:14:01 4E76310D c (newcamd) client connected to 24241 port
2019/04/10 20:14:01 4E76310D c (client) anonymous disconnected from 127.0.0.1
2019/04/10 20:14:01 165EFE80 c (client) plain dvbapi-client granted (anonymous, au=off)
2019/04/10 20:14:01 165EFE80 c (dvbapi) dvbapi channelcache loaded from /var/etc/oscam.ccache
2019/04/10 20:14:01 165EFE80 c (dvbapi) Using TCP listen socket, API forced to DVBAPIv3 (0), use
rconfig boxtype: 11
2019/04/10 20:14:04 4EFAE14A c (newcamd) client connected to 24241 port
2019/04/10 20:14:04 4EFAE14A c (client) encrypted newcamd:24241-client 127.0.0.1 granted (LibreE
lec_Wohnzimmer, au=on (1 reader))
2019/04/10 20:14:04 4EFAE14A c (newcamd) user LibreElec_Wohnzimmer authenticated successfully (Tv
headend)
2019/04/10 20:14:04 4EFAE14A c (newcamd) AU disabled for user LibreElec_Wohnzimmer
2019/04/10 20:14:17 70E6663C c (client) encrypted cs357x-client 192.168.188.53 granted (Ultimo,
au=on (1 reader))
2019/04/10 20:14:18 739FC3C0 r (reader) KD_HD_D02_Sky [irdeto] Ultimo emmtype=shared, len=139 (h
ex: 0x8B), cnt=2: written (486 ms)
2019/04/10 20:47:53 010D0039 c (ecm) LibreElec_Wohnzimmer (1834@1F1F1F/0000/C47F/89:917FFCEA4
6BB7593E1DBE079EDA2306E): rejected group (1 ms) (no matching reader)
2019/04/10 20:47:55 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:78C5B6A11E051A9A03CA44C
D0FF89EEE): found (513 ms) by KD_HD_D02_Sky
2019/04/10 20:47:57 010D0039 c (ecm) LibreElec_Wohnzimmer (1834@1F1F1F/0000/C3BF/89:91CA9C201
D52D88ED7B1237597AC1B0D): rejected group (0 ms) (no matching reader)
2019/04/10 20:47:59 010D0039 c (ecm) LibreElec_Wohnzimmer (1834@1F1F1F/0000/C3BF/89:7746BBF62
1748C7FF994AA7DDD00F083): rejected group (0 ms) (no matching reader)
2019/04/10 20:48:03 010D0039 c (ecm) LibreElec_Wohnzimmer (1834@1F1F1F/0000/C3BA/89:92CA3598F
CEA0403653EF50440642454): rejected group (0 ms) (no matching reader)
2019/04/10 20:48:04 010D0039 c (ecm) LibreElec_Wohnzimmer (1834@1F1F1F/0000/C3BA/89:921304082

```

05CD8594DB38F9D7EF9A2A1): rejected group (0 ms) (no matching reader)  
2019/04/10 20:48:05 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:6C86D86640364441BFC357D  
ADA5DAF2E): found (511 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:48:09 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0141/89:BD2086AAD  
858F657822DCAFE8A68E1C6): rejected group (0 ms) (no matching reader)  
2019/04/10 20:48:14 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0141/89:663539B3F  
A84E9EBDA012D9956A60818): rejected group (0 ms) (no matching reader)  
2019/04/10 20:48:15 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:55EDE5DFFAB06DB095CA6A8  
701C776F4): found (518 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:48:17 739FC3C0 r (reader) KD\_HD\_D02\_Sky [irdeto] Ultimo emmtype=shared, len=139 (h  
ex: 0x8B), cnt=2: written (517 ms)  
2019/04/10 20:48:24 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0141/89:302A4F9F4  
75FD0D7FF0FA3CEB3CC3E14): rejected group (0 ms) (no matching reader)  
2019/04/10 20:48:25 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:ED6A06EC2F12095A4D32925  
E471EF946): found (523 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:48:34 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0141/89:DB928CC24  
8B85C4F014576E2F993ACB4): rejected group (0 ms) (no matching reader)  
2019/04/10 20:48:35 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:49C52D160416FB8C422195B  
859589E57): found (527 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:48:44 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0137/89:F3664D76E  
53437C580764F2C5D6E8019): rejected group (0 ms) (no matching reader)  
2019/04/10 20:48:45 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:BAEF40CBC5455836D1D54D8  
A1B005395): found (511 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:48:51 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/012D/89:99CD3AD1A  
C428A83413206B22F5899AA): rejected group (0 ms) (no matching reader)  
2019/04/10 20:48:55 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:E1BB7A826528F7845D94150  
23CC2A08E): found (523 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:48:57 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0123/89:F9C06547F  
737EF4C32985D221E57B889): rejected group (0 ms) (no matching reader)  
2019/04/10 20:49:00 739FC3C0 r (reader) KD\_HD\_D02\_Sky [irdeto] Ultimo emmtype=shared, len=139 (h  
ex: 0x8B), cnt=2: written (517 ms)  
2019/04/10 20:49:04 010D0039 c (ecm) LibreElec\_Wohnzimmer (1722@000000/0000/0201/93:AC2356B9E  
7D0F5767E442519E45829A6): found (484 ms) by KD\_HD\_D02\_Sky(btun 1834)  
2019/04/10 20:49:05 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:370C578544AE3C9819A39BE  
90DAE473C): found (537 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:49:05 010D0039 c (ecm) LibreElec\_Wohnzimmer (1722@000000/0000/0201/93:999536A60  
A5B950AF0CC5F74AF2C0423): found (976 ms) by KD\_HD\_D02\_Sky(btun 1834)  
2019/04/10 20:49:06 010D0039 c (ecm) LibreElec\_Wohnzimmer (1722@000000/0000/00DD/93:CD4440407  
0A403AB60D097E2A6286812): found (1183 ms) by KD\_HD\_D02\_Sky(btun 1834)  
2019/04/10 20:49:06 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0029/89:3D85F0E7C  
9EFDE99C7C6DEEDCA65C7D1): rejected group (0 ms) (no matching reader)  
2019/04/10 20:49:12 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0019/89:EF2E35480  
208756AF5619283059DB844): rejected group (0 ms) (no matching reader)  
2019/04/10 20:49:14 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/0019/89:48225FC5D  
58C9DE47911EC7804D79559): rejected group (0 ms) (no matching reader)  
2019/04/10 20:49:15 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:05BFB29FF5C2F56FD029A41  
2894501BC): found (556 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:49:19 010D0039 c (ecm) LibreElec\_Wohnzimmer (1722@000000/0000/C355/93:B668AE188  
7E53AFEC89D79715B216FEB): not found (495 ms) by KD\_HD\_D02\_Sky(btun 1834) (KD\_HD\_D02\_Sky unsubscrib  
ed)  
2019/04/10 20:49:20 010D0039 c (ecm) LibreElec\_Wohnzimmer (1722@000000/0000/C355/93:A541A2A45  
4F4C5EB560EE478D572C468): not found (601 ms) by KD\_HD\_D02\_Sky(btun 1834) (KD\_HD\_D02\_Sky unsubscrib  
ed)  
2019/04/10 20:49:20 00000000 (stat) loadbalancer: statistic saved 195 records to /tmp/.oscam  
/stat in 3 ms  
2019/04/10 20:49:24 739FC3C0 r (reader) KD\_HD\_D02\_Sky [irdeto] Ultimo emmtype=global, len=137 (h  
ex: 0x89), cnt=3: written (506 ms)  
2019/04/10 20:49:25 70E6663C c (ecm) Ultimo (1722@000000/0000/002A/93:415CA28FEC62FCE759E05AD  
C5EBFB3EE): found (540 ms) by KD\_HD\_D02\_Sky  
2019/04/10 20:49:25 739FC3C0 r (reader) KD\_HD\_D02\_Sky [irdeto] Ultimo emmtype=shared, len=139 (h  
ex: 0x8B), cnt=2: written (510 ms)  
2019/04/10 20:49:26 010D0039 c (ecm) LibreElec\_Wohnzimmer (1722@000000/0000/C362/93:EEB44C907  
D46462E2254702FF96280F2): found (675 ms) by KD\_HD\_D02\_Sky(btun 1834)  
2019/04/10 20:49:26 010D0039 c (ecm) LibreElec\_Wohnzimmer (1834@1F1F1F/0000/C367/89:A32EFE075  
AF9967AF885FE24CC5F533E): rejected group (0 ms) (no matching reader)  
2019/04/10 20:49:28 739FC3C0 r (reader) KD\_HD\_D02\_Sky [irdeto] Ultimo emmtype=global, len=137 (h  
ex: 0x89), cnt=3: written (487 ms)

IN TVH i see this

```
2019-04-10 20:49:12.616 subscription: 0849: No input source available for subscription "service_mapper" to service "Kevag/362MHz/Sky Cinema Hits" in mux "362MHz in Kevag"
2019-04-10 20:49:12.616 subscription: 0849: "service_mapper" unsubscribing, client="service_mapper"
2019-04-10 20:49:12.616 service-mapper: Kevag/362MHz/Sky Cinema Hits: failed [reason: No access]
2019-04-10 20:49:12.616 service-mapper: checking Kevag/362MHz/Disney Cinemagic
2019-04-10 20:49:12.616 service-mapper: waiting for input
2019-04-10 20:49:12.622 subscription: 084D: "service_mapper" subscribing to service "Kevag/362MHz/Disney Cinemagic", weight: 7, adapter: "Silicon Labs Si2168 #0 : DVB-C #0", network: "Kevag", mux: "362MHz", provider: "SKY", client="service_mapper"
2019-04-10 20:49:12.803 cwc: 192.168.188.47:24241: Can not descramble service "Disney Cinemagic", access denied (seqno: 547 Req delay: 4 ms) from newcamd-192.168.188.47:24241-1834
2019-04-10 20:49:14.840 cwc: 192.168.188.47:24241: Can not descramble service "Disney Cinemagic", access denied (seqno: 548 Req delay: 4 ms) from newcamd-192.168.188.47:24241-1834
2019-04-10 20:49:16.622 subscription: 084D: service instance is bad, reason: No access
```

The trace LOg shows this

## History

### #1 - 2019-04-11 04:27 - Thomas xyz

When i mapped the Services without "Check availability:" then much more services will be mapped, and i can see the decrypted and encrypted without problems.

It seems to be a mapping problem, not a encrypting problem

### #2 - 2019-04-11 18:46 - Thomas xyz

A few Channels were not found, like Sky Bundesliga.

When i search on the same Cabel, with the Same Tuner on TVH on my Wetek Play 2 with CoreElec, this Channels were be foun, why not here?

### #3 - 2019-04-12 12:14 - Jaroslav Kysela

It appears that the ECM processing is delayed at tvh side. Show '--trace descrambler,caclient,cwc' traces :

<https://tvheadend.org/projects/tvheadend/wiki/Traces>

### #4 - 2019-04-13 11:31 - Thomas xyz

- File TVH added

Hi,  
here the new trace

### #5 - 2019-04-13 14:06 - Joe User

It appears that tvheadend wastes a lot of time trying to descramble using CAIDs you do not have a card for. You should try to use a CA filter to use CAID 1722 "exclusively".  
(Configuration->Steam->Stream Filters->CA Stream Filters)

Also, it appears some channels do not have an ECM pid for CAID 1722, so those channels would not be available to you.

### #6 - 2019-04-13 15:47 - Jaroslav Kysela

Note that it would be probably better to define two connections (clients) to the card server - separate for each CAID. TVH bails out after first "access denied" reply, because the code thinks that every CAIDs are available and have equal priority per connection. When you have two clients, tvh tries them all (together).

### #7 - 2019-04-14 11:13 - Thomas xyz

- File TVH\_1722.jpg added

- File TVH\_1834.jpg added

Joe User wrote:

It appears that tvheadend wastes a lot of time trying to descramble using CAIDs you do not have a card for. You should try to use a CA filter to use CAID 1722 "exclusively".  
(Configuration->Steam->Stream Filters->CA Stream Filters)

Also, it appears some channels do not have an ECM pid for CAID 1722, so those channels would not be available to you.

OK,  
is this right?

**#8 - 2019-04-14 11:24 - Thomas xyz**

- File *TVH\_Newcamd\_1722.jpg* added

- File *TVH\_Newcamd\_1834.jpg* added

Jaroslav Kysela wrote:

Note that it would be probably better to define two connections (clients) to the card server - separate for each CAID. TVH bails out after first "access denied" reply, because the code thinks that every CAIDs are available and have equal priority per connection. When you have two clients, tvh tries them all (together).

I have tried to make two newcamd Clients in TVH, seem the screenshots.  
But the client .....1834 will not connectet, the oscam Server config looks like

```
[newcamd]  
port = 24241@1834:000000;24240@1722:00000  
key = 0102030405060708091011121314
```

### Files

---

TVH	12.4 MB	2019-04-10	Thomas xyz
TVH	43.4 MB	2019-04-13	Thomas xyz
TVH_1722.jpg	59.6 KB	2019-04-14	Thomas xyz
TVH_1834.jpg	58.9 KB	2019-04-14	Thomas xyz
TVH_Newcamd_1834.jpg	157 KB	2019-04-14	Thomas xyz
TVH_Newcamd_1722.jpg	191 KB	2019-04-14	Thomas xyz