

## Tvheadend - Bug #3929

### load balancing with two servers as input / server farm

2016-08-12 14:22 - spyer spyer

<b>Status:</b>	New	<b>Start date:</b>	2016-08-12
<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>	HTS Tvheadend 4.1.1945		
<b>Description</b>			
Hello,			
I want to build a TVH server "farm" with three servers.			
Server 01: Backend with capacity to transcode 5 streams Server 02: Backend with capacity to transcode 10 streams Server 03: Frontend on dedicated Server			
Server 01+02 have the same muxes/services/channels. I finde a function in TVH to "Merge same name" if I Map services to channels. TVH have merged the channels with the same name at the Server 03 (see attachment). The streams/channels to be transcode are not fix and I wand they do transcoding on demand distributed to the two severns (like load balancing)			
Up to this point everything as desired (theory).			
constraint for test: Server 01+02 have 1 max. input stream.			
When I load the channel list he takes the first stream(channel 1) from server one and the second stream(channel 2) from server two.			
But if I want to see twice the same stream , he does not take it from the chache and connects to the two servers.			
What I am doing wrong or what I can do, to make its work ?			
Best wishes			

#### History

##### #1 - 2016-08-12 15:14 - saen acro

Basically not re-stream already available stream

implement this as proxy between beckend and midware

<https://fujucharms.com/transcode-cloud/>

#### Files

tvh_farm.png	205 KB	2016-08-12	spyer spyer
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