Smuxi - Bug # 789: Smuxi frontends fail to connect to the smuxi-server if a SSH ControlMaster is already run

Status:	New		Priority:	Normal
Author:	Mirco Bauer		Category:	Frontend
Created:	12/12/2012		Assigned to:	Mirco Bauer
Updated:	12/12/2012		Due date:	
Complexity:	High			
Found in Version:				
Subject:	Smuxi frontends fail to connect to the smuxi-server if a SSH ControlMaster is already running			
Description:	<pre>			

23:01:22 <aef> First of all, the initial connecting did hang only if smuxi-frontend was started without a shell

23:02:05 <aef> the reason for that is that I used ControlPath ~/.ssh/cm_socket/%r@%h:%p

23:02:15 <aef> and ~ is only resolvable if you have a shell

23:03:15 <meebey> aef: so ~ is not always interpreted the same way, thats uncool :)

23:03:20 <meebey> and unexpected

23:03:33 <meebey> have I mentioned ssh is a code mess?

23:03:39 <aef> further, disabling ControlMaster is not as easy as one might think

23:03:39 <meebey> :-P

23:03:43 <aef> you did mention that

23:04:12 <aef> ControlMaster no just sets SSH up not to be the master, but it will try to connect to a running master

23:04:23 <aef> ControlPath none is the thing one would need to disable it

23:04:38 <meebey> ew :)

23:05:00 <aef> for some reason it still makes a ControlMaster

23:05:02 <meebey> does that work then? even if not the best setup

23:05:08 <meebey> hrhr k

23:05:10 <meebey> and -O forward?

23:05:30 <aef> you can't currently just use -O forward

23:05:45 <aef> -O forward raises errors if there is no ControlMaster process

23:05:56 <aef> you would have to check with -O check first

23:06:05 <meebey> yeah I expected problems like that

23:06:11 <aef> then decide if you do the ControlMaster stuff

23:06:15 <aef> one more problem

23:07:49 <aef> you can add forwardings with -O forward -L â€¦

23:08:01 <aef> but you can only remove them with -O cancel -L â€¦

23:08:17 <aef> but -O cancel is first available with OpenSSH 6.0p1

23:08:22 <aef> which I don't have yet

23:09:05 <meebey> ouch, so the old tunnels will stay forever as long as the network never goes down

23:09:11 <meebey> and it disconnect automatically

23:09:12 <aef> yes

23:09:47 <aef> so in a forseeable future, that might be a way

23:10:41 <aef> but currently disabling ControlMaster in what I'm trying to do

23:10:57 <aef> but as I said, still no success

23:10:59 <meebey> wheezy at least has 6.0p1

23:11:14 <aef> yeah

23:11:40 <meebey> aef: yeah, once you have found a working way, smuxi should use force-disable, as there is no current way of doing it right

23:11:47 <aef> but this can't be done with just setting SshParameters. I guess the TunnelManager needs an update for it

23:11:58 <meebey> sure, thats ok

23:12:03 <meebey> it has already hacks like that :)

23:12:09 <meebey> checking for openssh version etc

23:12:40 <meebey> it should a) forcibly-disable if too old b) use -O forward and -O cancel when available if

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    ControlMaster is enabled/used
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History