Smuxi - Bug # 617: Fail to connect to a server connected to various network

Status:	Rejected	**Priority:**	High
Author:	Sylvestre Ledru	**Category:**	Server
Created:	08/03/2011	**Assigned to:**	
Updated:	11/23/2011	**Due date:**	
Complexity:			
Subject:	Fail to connect to a server connected to various network		

Description:

With a firewall disabled on the server side
connected to the net with a public address
connected to a vpn: 10.8.0.*

The client fails to connect to the server.

Here is the ngrep dump
$ sudo ngrep -d eth1 port 7689

######

```
T 88.170.xx.xx:35848 -> 193.51.xx.xx:7689 [AP]
 .NET......%.......*...tcp://myhost.domainname.fr:7689/SessionManager........app
 lication/octet-stream.........................Register.`Smuxi.Engine.Sessi
 onManager, smuxi-engine, Version=0.8.0.0, Culture=neutral, PublicKeyToken=n
 ull.............sylvestre..... 35fa6ec2540eed3df44c25db2ca0d46c.........
 .System.Runtime.Remoting.ObjRef.....uri.typeInfo.envoyInfo.channelInfo.objr
 efFlags.....)System.Runtime.Remoting.IRemotingTypeInfo"System.Runtime.Remot
 ing.IEnvoyInfo$System.Runtime.Remoting.IChannelInfo......211017ef9_8407_474
 1_9164_b476afe3e229/79b8a49_4.rem..... System.Runtime.Remoti
 ng.TypeInfo.....serverType.serverHierarchy.interfacesImplemented........iSm
 uxi.Frontend.Gnome.GnomeUI, smuxi-frontend-gnome, Version=0.8.0.0, Culture=
 neutral, PublicKeyToken=null.............#System.Runtime.Remoting.Channel
 Info.....channelData.....................gSmuxi.Engine.PermanentRemoteObject
 , smuxi-engine, Version=0.8.0.0, Culture=neutral, PublicKeyToken=null......
 ........]Smuxi.Engine.IFrontendUI, smuxi-engine, Version=0.8.0.0, Culture=n
 eutral, PublicKeyToken=null.........................3System.Runtime.Remoting
 .Channels.CrossAppDomainData....._ContextID._DomainID._processGuid.........
 ..........$54eb9d02-5dc4-447f-a70f-2e6f32568219.....1System.Runtime.Remotin
 g.Channels.ChannelDataStore....._channelURIs._extraData..$System.Collection
 s.DictionaryEntry[].....................tcp://192.168.0.10:36444.
T 193.51.xxx.xxx:7689 -> 88.170.xxx.xxx:35848 [A]
 .NET..............................".....................)System.Runtime.Re
 moting.RemotingException.....ClassName.Message.InnerException.HelpURL.Stack
 TraceString.RemoteStackTraceString.RemoteStackIndex.HResult.Source.Exceptio
 nMethod.Data.............System.Collections.IDictionary.....)System.Runtim
 e.Remoting.RemotingException......Connection timed out.....  at System.
 Runtime.Remoting.Channels.Tcp.HostConnectionPool.CreateConnection () [0x000
 00] in <filename unknown>:0 .  at System.Runtime.Remoting.Channels.Tcp.Host
 ConnectionPool.GetConnection () [0x00000] in <filename unknown>:0 .  at Sys
 tem.Runtime.Remoting.Channels.Tcp.TcpConnectionPool.GetConnection (System.S
 tring host, Int32 port) [0x00000] in <filename unknown>:0 .  at System.Runt
 ime.Remoting.Channels.Tcp.TcpClientTransportSink.ProcessMessage (IMessage m
 sg, ITransportHeaders requestHeaders, System.IO.Stream requestStream, ITran
 sportHeaders& responseHeaders, System.IO.Stream& responseStream) [0x00000]
 in <filename unknown>:0 .  at System.Runtime.Remoting.Channels.BinaryClient
```

FormatterSink.SyncProcessMessage (IMessage msg) [0x00000] in <filename unkn
own>:0 .....Server stack trace: . at System.Runtime.Remoting.Channels.
Tcp.HostConnectionPool.CreateConnection () [0x00000] in <filename unknown>:
0 . at System.Runtime.Remoting.Channels.Tcp.HostConnectionPool.GetConnecti
on () [0x00000] in <filename unknown>:0 . at System.Runtime.Remoting.Chann
els.Tcp.TcpConnectionPo
#
T 193.51.xxx.xxx:7689 -> 88.170.xxx.xxx:35848 [AP]
ol.GetConnection (System.String host, Int32 port) [0x00000] in <filename un
known>:0 . at System.Runtime.Remoting.Channels.Tcp.TcpClientTransportSink.
ProcessMessage (IMessage msg, ITransportHeaders requestHeaders, System.IO.S
tream requestStream, ITransportHeaders& responseHeaders, System.IO.Stream&
responseStream) [0x00000] in <filename unknown>:0 . at System.Runtime.Remo
ting.Channels.BinaryClientFormatterSink.SyncProcessMessage (IMessage msg) [
0x00000] in <filename unknown>:0 ..Exception rethrown at [0]: .....
..System.Runtime.Remoting...
##^Z

On the client side, the exception is the following:
2011-08-03 10:12:49,223 [Main] INFO Smuxi.Frontend.EngineManager - Connecting to: tcp://myhost.domainname.fr:7689/SessionManager
2011-08-03 10:15:58,650 [Main] ERROR Smuxi.Frontend.Gnome.EngineManagerDialog - System.Runtime.Remoting.RemotingException: Connection timed out at System.Runtime.Remoting.Channels.Tcp.HostConnectionPool.CreateConnection () [0x00000] in <filename unknown>:0
at System.Runtime.Remoting.Channels.Tcp.HostConnectionPool.GetConnection () [0x00000] in <filename unknown>:0
at System.Runtime.Remoting.Channels.Tcp.TcpConnectionPool.GetConnection (System.String host, Int32 port) [0x00000] in <filename unknown>:0
at System.Runtime.Remoting.Channels.Tcp.TcpClientTransportSink.ProcessMessage (IMessage msg, ITransportHeaders requestHeaders, System.IO.Stream requestStream, ITransportHeaders& responseHeaders, System.IO.Stream& responseStream) [0x00000] in <filename unknown>:0
at System.Runtime.Remoting.Channels.BinaryClientFormatterSink.SyncProcessMessage (IMessage msg) [0x00000] in <filename unknown>:0

Exception rethrown at [1]:

at System.Runtime.Remoting.Proxies.RealProxy.PrivateInvoke (System.Runtime.Remoting.Proxies.RealProxy rp, IMessage msg, System.Exception& exc, System.Object[]& out_args) [0x00000] in <filename unknown>:0

Please note that the issue does not happen with I am connected on the same network.

History

08/15/2011 04:47 PM - Mirco Bauer

- Category changed from Engine IRC to Server

- Status changed from New to Rejected

- Assigned to deleted (Mirco Bauer)

Unfortunately the smuxi-server can only handle one network at a time as it has to bind to an IP which it will report back to the frontend. Smuxi has no influence in the connection handling as that is controlled by .NET remoting. So either you can let it use LAN or VPN or SSH (localhost) but not 2 network setups at the same time... I wish I could support it for maximum flexibility. For myself I use the SSH cases regardless if I connect over LAN or

the internet works anywhere.

08/15/2011 08:53 PM - Sylvestre Ledru

Actually, this is causing the SSH to fail on my system too...

PS: this is a very disappointing bug. Even if it is coming from .net, it is kind of a blocker bug for smuxi usages ...