

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

<b>Status:</b>	Rejected	<b>Priority:</b>	High
<b>Author:</b>	Sylvestre Ledru	<b>Category:</b>	Server
<b>Created:</b>	08/03/2011	<b>Assigned to:</b>	
<b>Updated:</b>	11/23/2011	<b>Due date:</b>	
<b>Complexity:</b>			
<b>Subject:</b>	Fail to connect to a server connected to various network		
<b>Description:</b>	<p>With a firewall disabled on the server side connected to the net with a public address connected to a vpn: 10.8.0.*</p> <p>The client fails to connect to the server.</p> <p>Here is the ngrep dump</p> <pre>\$ sudo ngrep -d eth1 port 7689</pre> <p>#####</p> <pre>T 88.170.xx.xx:35848 -&gt; 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....._channelURLs._extraData..\$System.Collectio ns.DictionaryEntry[].....tcp://192.168.0.10:36444.  T 193.51.xxx.xxx:7689 -&gt; 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 &lt;filename unknown&gt;:0 . at System.Runtime.Remoting.Channels.Tcp.Host ConnectionPool.GetConnection () [0x00000] in &lt;filename unknown&gt;:0 . at Sys tem.Runtime.Remoting.Channels.Tcp.TcpConnectionPool.GetConnection (System.S tring host, Int32 port) [0x00000] in &lt;filename unknown&gt;:0 . at System.Runt ime.Remoting.Channels.Tcp.TcpClientTransportSink.ProcessMessage (IMessage m sg, ITransportHeaders requestHeaders, System.IO.Stream requestStream, ITran sportHeaders&amp; responseHeaders, System.IO.Stream&amp; responseStream) [0x00000] in &lt;filename unknown&gt;:0 . at System.Runtime.Remoting.Channels.BinaryClient</pre>		

```

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 ...