

# Re: TcpClient Problem

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2007-10/msg001>

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- *From:* "Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com>
  - *Date:* Mon, 15 Oct 2007 08:58:36 -0700
- 

I've never been able to get any of my devices to interpret a string parameter as a host name. It's possible, I guess, that some setting, a hosts 'file' setting or something (something that I wouldn't have), allows that entry to be interpreted that way. I think it would have to be something that was essentially disconnected from your actual code. In any case, take care with that parameter...

Paul T.

"Andy Baker" <abaker@xxxxxxxxxxxxxxxxxxxx> wrote in message <news:13h72n77jrhkh65@xxxxxxxxxxxxxxxxxxxxxxxx>

OK, but why did the other device work – it obviously managed to interpret the string as an IP address!

Andy

"Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com> wrote in message [news:uh\\$6A1zDIHA.4228@xxxxxxxxxxxxxxxxxxxxxxxx](news:uh$6A1zDIHA.4228@xxxxxxxxxxxxxxxxxxxxxxxx)

When you pass a string, that's interpreted as a host name, \*NOT\* an IP address.

Paul T.

"Andy Baker" <abaker@xxxxxxxxxxxxxxxxxxxx> wrote in message <news:13h6vil22nev53@xxxxxxxxxxxxxxxxxxxxxxxx>

```
I have got it working. I have changed the code to create the
TcpClient
first, then connect using an IPAddress rather than a string i.e.
Dim ParsedIPAddress as IPAddress
ParsedIPAddress = IPAddress.Parse("192.168.1.10")
client = New TcpClient
client.Connect(ParsedIPAddress, PORT_NUM)
and it works as it did before on the previous WiFi card/CE
combination.
I don't know why it should work with one and not the other,
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but at least  
it gets me out of trouble. Thanks for your help.

"Paul G. Tobey [eMVP]" <p space tobey no spam AT no  
instrument no spam  
DOT com> wrote in message  
[news:O03dFFeAIHA.1204@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O03dFFeAIHA.1204@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

No. Connectivity is all you need. Maybe you  
specified the wrong port  
number or something. As Simon said, try  
plain sockets, if that doesn't  
seem to be the problem...

Paul T.

"Andy Baker"  
<abaker@xxxxxxxxxxxxxxxxxxxx> wrote in  
message  
[news:13fpe5jrsuab40@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:13fpe5jrsuab40@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

It seems to be more  
complicated than that. I  
should have said that I  
can ping the host PC from  
the device successfully  
using the same IP  
address as I am using in the  
TcpClient I have checked  
the wireless  
configuration settings and  
they seem to be identical.  
Under the  
'Wireless Information' tab it  
reports it as being connected  
and IP  
information / subnet mask is  
correct. Are there any more  
settings that  
I am not aware of?

Andy Baker

"Paul G. Tobey [eMVP]" <p  
space tobey no spam AT no  
instrument no spam  
DOT com> wrote in  
message  
[news:eT89yKSAIHA.968@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eT89yKSAIHA.968@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

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It sounds like there is no network path from you, on the device, to the PC. That's probably not a feature of what sort of an adapter is used, but whether it's actually connected to the right access point/wireless network. You should compare the wireless configurations on the two devices...

Paul T.

"Andy Baker"

<abaker@xxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:13fn9a8lt4cr925@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:13fn9a8lt4cr925@xxxxxxxxxxxxxxxxxxxxxxxx)

I have a VB.NET 2003 application that has been running successfully on a device

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running  
CE.NET  
4.2.

I  
have  
recently  
been  
supplied  
with  
the  
latest  
version  
of  
the  
device,  
which  
runs  
CE.NET  
5,  
and  
also  
has  
a  
different  
WiFi  
adapter  
to  
my  
original  
version.  
The  
application  
connects  
to  
a  
desktop  
PC  
using  
a  
TcpClient  
as  
follows:–

Private  
client  
as  
TcpClient  
client  
=  
New  
TcpClient(IPAddress,

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PORT\_NUM)

where  
IPAddress  
is  
192.169.1.10  
(the  
address  
of  
the  
host  
PC)  
and  
PORT\_NUM  
is  
a  
constant  
–  
the  
number  
of  
the  
port  
I  
want  
to  
use  
for  
the  
connection  
(10000  
in  
this  
case).  
The  
application  
on  
the  
host  
PC  
has  
a  
listener  
object  
waiting  
for  
a  
connection  
on  
the  
same

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port  
number.  
On  
the  
CE  
4.2  
device  
it  
works  
fine,  
on  
the  
new  
one  
I  
get  
the  
error  
message  
'No  
such  
host  
is  
known'  
after  
a  
few  
seconds  
(on  
the  
New  
TcpClient  
line  
above).  
Is  
this  
likely  
to  
be  
a  
CE  
problem  
or  
a  
WiFi  
adapter  
problem  
(or  
something  
else),  
and

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what  
can  
I  
do  
about  
it?  
Thanks  
in  
advance.

Andy  
Baker