
Subject: Re: socket problems.. Desperate!

Posted by [Craig Markwardt](#) on Fri, 08 Jun 2001 18:12:56 GMT

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Brad Gom <brad.gom@uleth.ca> writes:

> SOCKET: Unable to lookup host. Unit 101, File: 142.66.41.72

...

> Does anyone have any insight as to what might cause this type of error?

> -hopefully before next week when this instrument has observing time one

> of the largest telescopes :)

This looks like a name server problem. Are the DNS settings the same between machines? The strange thing is that the hostname you gave is an IP number already...

Perhaps you could add a local host entry like this?

142.66.41.72 142.66.41.72

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: socket problems.. Desperate!

Posted by [Pavel A. Romashkin](#) on Fri, 08 Jun 2001 18:29:56 GMT

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Oh boy, doesn't this sound like a registry hacking time :-(
MS web site has a fairly detailed description of their TCP/IP related registry entries. Try to compare them on both machines. Check the IDL related entries, there shouldn't be too many. But I'd back the registries up first.

Cheers,
Pavel

Brad Gom wrote:

>

> Hi all,

>

> I have a rather pressing problem with IDL sockets: I have written an

> IDL application that uses a socket to talk to a RTLinux box to control

> an instrument and gather data from it for analysis. The system works

> fine on my windows PCs, but I've just tested it on the laptop that will
> actually control the experiment and I get the following error from IDL
> SOCKET:
>
> SOCKET: Unable to lookup host. Unit 101, File: 142.66.41.72
>
> I can telnet and ping the 142.66.41.72 machine from the laptop and it
> works fine, but the IDL socket routine fails. As I mentioned, the socket
> works from the other PCs in my lab, so this is probably a windows
> problem on the laptop - So I need to know what this message means so I
> can figure out what to change in my windows settings!
>
> Does anyone have any insight as to what might cause this type of error?
> -hopefully before next week when this instrument has observing time one
> of the largest telescopes :)t

Subject: Re: socket problems.. Desperate!
Posted by [Brad Gom](#) on Fri, 08 Jun 2001 19:45:42 GMT
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ooh- thanks for the speedy replies. what a great newsgroup.

Craig Markwardt wrote:

>
> This looks like a name server problem. Are the DNS settings the same
> between machines? The strange thing is that the hostname you gave is
> an IP number already...
>

Thats the thing I don't understand. Here's the weirder part: I just tried
opening an IDL socket using
the real hostname (blahblah.physics.uleth.ca) and this works. I thought that
it would choke for sure when given the hostname rather than IP.

So it looks like I have a workaround, but I don't think I'm any wiser.

Thanks

Brad Gom

File Attachments

1) [brad.gom.vcf](#), downloaded 81 times
