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Subject: socket issue

Posted by [Bringfried Stecklum](#) on Thu, 22 Feb 2007 09:30:26 GMT

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One of my programs retrieves data over the web using the socket procedure. It also runs on the laptop which has different network settings depending on where I am. Usually the IDL session is kept running when hibernating/resuming the system. In this case I noticed that socket does not become aware of the change in the network settings and fails

% SOCKET: Unable to lookup host. Unit: 1, File: remotehost

Of course remotehost can be reached. So it seems that the network configuration is fixed upon IDL startup, and not dynamically updated.

regards,

Bringfried Stecklum

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Subject: Re: socket issue

Posted by [Nigel Wade](#) on Fri, 23 Feb 2007 10:36:52 GMT

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Bringfried Stecklum wrote:

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> procedure. It also runs on the laptop which has different network  
> settings depending on where I am. Usually the IDL session is kept  
> running when hibernating/resuming the system. In this case I noticed  
> that socket does not become aware of the change in the network settings  
> and fails

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>

> Of course remotehost can be reached. So it seems that the network  
> configuration is fixed upon IDL startup, and not dynamically updated.

>

> regards,

>

> Bringfried Stecklum

"Unable to lookup host." looks like a failure in DNS hostname resolution. What host is it trying to connect to, and can you resolve that hostname outside of IDL?

--

Nigel Wade, System Administrator, Space Plasma Physics Group,  
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Subject: Re: socket issue

Posted by [Bringfried Stecklum](#) on Mon, 26 Feb 2007 13:07:48 GMT

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Dear Nigel,

I am aware of the cause for the error. I also wrote that remotes host can be resolved and reached outside of IDL. My point was that IDL could be a bit more flexible by checking whether the DNS configuration found at startup is still valid when socket is being called. People move around with laptops these days and DNS service can change quickly.

regards,

Bringfried

Nigel Wade wrote:

> Bringfried Stecklum wrote:

>

>> One of my programs retrieves data over the web using the socket  
>> procedure. It also runs on the laptop which has different network  
>> settings depending on where I am. Usually the IDL session is kept  
>> running when hibernating/resuming the system. In this case I noticed  
>> that socket does not become aware of the change in the network settings  
>> and fails

>>

>> % SOCKET: Unable to lookup host. Unit: 1, File: remotes host

>>

>> Of course remotes host can be reached. So it seems that the network  
>> configuration is fixed upon IDL startup, and not dynamically updated.

>>

>> regards,

>>

>> Bringfried Stecklum

>

> "Unable to lookup host." looks like a failure in DNS hostname resolution. What  
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