

Re: Remote data access on LAN

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2005-11/msg00435.html

- *From:* "Jim" <null@xxxxxxxx>
 - *Date:* Mon, 14 Nov 2005 00:47:21 -0800
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If I understand it correctly, you want local execution but remote data access for a remotely stored executable.

It might have been useful if you provided a specific error message or #, but I suspect the problem is not finding the data, but an issue of security/authorization. Btw, what is the transport protocol (tcp/ip, netbeui, smb)?

I'm surprised you're not using RPC (Remote Procedure Call) for this app. Of course, this would result in remote execution, which perhaps isn't what you want. But it would avoid the current problem, it keeps data access local to execution. You could use an RPC just for data retrieval, though. The reason an RPC will work is because it provides an authorization model. It's either that, or use a formal protocol like FTP, HTTP, whatever makes sense. Windows is probably not going to authorize remote data access via Windows workgroup authorization, which seems to be what you are assuming.

HTH

Jim

"Loopy Lou" <sherwood@xxxxxxxxxxxxxxxx> wrote in message <news:1131956416.088866.88370@xx>
> An application (written in Visual C++) resides on machine A. Data used
> by this application also resides on machine A.
>
> We want to execute this application from machine B. The executable and
> data will reside only on machine A. Both machines are running Windows
> XP.
>
> A shortcut has been created on machine B to the shared folder on
> machine A which contains the executable. When this shortcut is clicked,
> the application starts properly on machine B. However, attempting to
> read the data gives errors.
>
> The application specifies a full path to the data (e g,
> C:\MyDirectory\MyData.txt). From the viewpoint of machine B, that

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- > probably means B's drive C:. That is wrong, because the data is on A's
- > drive C:.
- >
- > How can the application specify that the path resides on the same
- > machine as the executable? I have tried prefixing the path with the
- > hostname of machine A (e g, \\MyHost\C:\MyDirectory\MyData.txt), but
- > this gives an error when application is started on machine A.
- >
- > Can anyone explain how to accomplish this remote access to the data?
- >

- *Follow-Ups:*

- ◆ [Re: Remote data access on LAN](#)
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- *References:*

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