

# Re: Terminal server client and old dos programs

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal\\_services/2005-11/msg00172.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal_services/2005-11/msg00172.html)

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- *From:* "Jo Lambrecht" <[jo@xxxxxxxxxxxxxxxx](mailto:jo@xxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 7 Nov 2005 18:43:42 +0100
- 

I wanted to reply already for the session, printing issue i have not tested yet.but i'll let you know.

As for the session,  
It works perfect from the server console.  
If i make a TS-session on the server itself as an administrator or as a user  
i get the NTVDM-error.

Regrads,  
Jo Lambrecht

"Patrick Rouse" <[PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:27C36398-6667-45D6-A1D4-AF474026490F@xxxxxxxxxxxxxxxxxxxx](mailto:news:27C36398-6667-45D6-A1D4-AF474026490F@xxxxxxxxxxxxxxxxxxxx)

- > 1. No full-screen for DOS applications in Terminal Server. The closest  
> you  
> can get is by simulating full-screen with a window that covers the entire  
> screen. Check out FullScreenDOS.  
>
- > 2. What is your printing requirement, i.e. print to network printer or to  
> locally attached printer? Since DOS doesn't see Windows Printers, you'll  
> have to redirect LPT1 (or whatever port your app requires) to the correct  
> network printer via "NET USE LPT1: \\Server\PrinterShareName", or via WSH  
> equivalent.  
>
- > Printer Scripts here:  
> <http://www.sessioncomputing.com/printing.htm>  
>
- > If you need to print to the locally attached printer you can either share  
> it  
> and map it via "NET USE LPT1: \\tsclient\PrinterShareName", or script it  
> in  
> alternative methods.  
>
- > Cláudio Rodrigues has posted some Scripts for working with DOS Printers:  
> <http://forums.terminal-services.net/index.php?board=12>  
>

## Re: Terminal server client and old dos programs

> As for the app not functioning:

- > 1. Does it work from the console as an administrator?
- > 2. Does it run from a non-console session as an administrator?
- > 3. If neither 1 or 2 work, then you need to investigate further. If 1 works, but not two, then it's a session problem and may be expecting a certain environment that it doesn't detect. If one and two work, but non-admins can't run the app, then it's a permissions or rights issue.

>

> Launch filemon (from sysinternals.com), run your app and capture a log file,

> then look thru the log for errors that might explain the problem you're having.

>

> It is possible to run DOS apps on TS, but it often takes some troubleshooting & tweaking to figure out the correct configuration.

>

>

> --

> Patrick Rouse

> Microsoft MVP – Terminal Server

> <http://www.sessioncomputing.com>

>

>

> "Jo Lambrecht" wrote:

>

>> Hi,

>>

>> I've tested several things, but still didn't get any further.

>> Installed Relevos, that didn't make any difference. Installing the pervasive on another server didn't have any effect also.

>> After installing TAME-DOS, same problem, only difference with tame-dos, if you press "ignore" 4 times at the error window (NTVDM-error), the app starts and seems to function properly. Nevertheless there are still 2 problems, the dos-app cannot go into "full screen" mode and printing seems also to be a problem in this envirmont.

>> Running dos-apps in terminal services doesn't seem to be a peace of cake. (the problem is that this specific setup, 2 servers and clientcomputers were specially setup/bought for this purpose, the app was not tested because the app has been tested in a million combinations and on any posible and different platform, the app has never given a crimp, that was the only thing that functioned perfectly in all these different circomstances)

>>

>> My hopes have sunc to the bottom of the ocean,

>> If you have any taughts about this, don't hesitate to give any comment,

>>

Re: Terminal server client and old dos programs

>> Regards,  
>> Jo Lambrecht  
>>  
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>>  
>>  
>> "Patrick Rouse" <PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
>> [news:BC4194A6-91FC-441F-B298-74E976AB4B26@xxxxxxxxxxxxxxxxxxxx](mailto:news:BC4194A6-91FC-441F-B298-74E976AB4B26@xxxxxxxxxxxxxxxxxxxx)  
>> > Also, you should treat the terminal server like a DOS client, not the  
>> > pervasive server. Setup the pervasive service on another server and  
>> > setup  
>> > the terminal server as a client machine, just like you always did  
>> > before  
>> > terminal server.  
>> >  
>> > Other apps that can be used to manage the CPU & RAM used by  
>> > applications  
>> > are:  
>> >  
>> > WM Software Relevos  
>> > Appsense Performance Manager  
>> > Threadmaster (Free)  
>> > RTOSoft TScale  
>> > Aurema ArmTech  
>> > triCerat Simplify Resources (purchased from TMurgent TMUlimit)  
>> > WBI Software CPU Affinity  
>> >  
>> > These can all be found here:  
>> > <http://www.sessioncomputing.com/add-on.htm>  
>> >  
>> > I tend to prefer applications that manage more than DOS applications,  
>> > and  
>> > when using one of these (I used to use RBase for DOS on Terminal  
>> > Server) I  
>> > used Relevos and it worked great.  
>> >  
>> > Application installation info:  
>> > <http://www.sessioncomputing.com/applications.htm>  
>> >  
>> > --  
>> > Patrick Rouse  
>> > Microsoft MVP – Terminal Server  
>> > <http://www.sessioncomputing.com>  
>> >  
>> >  
>> > "Jeff Pitsch" wrote:  
>> >  
>> >> I don't recommend running a dos app in TS. You will need some  
>> >> software

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>>> like  
>>> TAME-DOS to control the dos app from taking all the processor. Try  
>>> this  
>>> article:  
>>>  
>>> Troubleshooting MS-DOS-Based Programs in Windows  
>>> <http://support.microsoft.com/default.aspx?scid=kb;en-us;165214>  
>>>  
>>> Jeff Pitsch  
>>> <http://www.sbcgatekeeper.com>  
>>> Your Terminal Services Security Website  
>>>  
>>> "Jo Lambrecht" <jo@xxxxxxxxxxxxxx> wrote in message  
>>> [news:u4W65PV4FHA.2432@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:u4W65PV4FHA.2432@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
>>>> Hi,  
>>>>  
>>>> We have setup a small network, one SBS2003 premium server SP1 and  
>>>> one  
>>>> W2003 SP1 Terminal server as member server.  
>>>> Setup went fine, using both serves goes fine as well. Clients are  
>>>> using  
>>>> outlook, office and several other accounting programs in terminal  
>>>> server  
>>>> sessions.  
>>>> Until...  
>>>> The company has an old dos-based program and wants to use it. When  
>>>> a  
>>>> user  
>>>> sets up a terminal server session and tries to start the  
>>>> dos-application,  
>>>> he gets the following error "NTVDM encountered a hard error", then  
>>>> he  
>>>> has  
>>>> the choice "ignore" or "close", when you choose ignore nothing  
>>>> happens,  
>>>> when choosing close the dosbox closes.  
>>>>  
>>>> The dos-application is installed on the terminal server and the  
>>>> database  
>>>> needed (pervasive sql) is also installed on the terminal server.  
>>>> Starting the dos-application on the terminal server itself (testing  
>>>> purposes) works fine.  
>>>>  
>>>> Is there a way to run a dos-apps in a terminal server session ? or  
>>>> is  
>>>> this  
>>>> problem related to something els ?  
>>>>  
>>>>  
>>>> Regards,  
>>>> Jo Lambrecht

