

Re: Printing with Thin-Clients & Terminal Server

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal_services/2008-01/msg00161.html

- *From:* "Vera Noest [MVP]" <vera.noest@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 08 Jan 2008 14:30:12 -0800
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composinc@xxxxxxxx wrote on 08 jan 2008 in
microsoft.public.windows.terminal_services:

On Jan 7, 5:57 pm, "Vera Noest [MVP]" <vera.no...@remove-this.hem.utfors.se> wrote:

comments inline.

porbarfa...@xxxxxxxx wrote on 07 jan 2008 in
microsoft.public.windows.terminal_services:

We have Wyse V30L thin-clients that run WindowsCE 5.0 operating system and they will remotely connect to our Windows 2003 TerminalServer(also a DC -we know very bad idea) through a VPN, and we have some questions concerning printing at the remote side:

1. The remote network will have an All-in-One ethernet-based printer/ scanner/copier. We have not yet chosen a brand. The thin-clients will connect to the TS to run an application and to access the Internet, and will need to print to this AIO from these apps. Do we simply have to install thedriverfor this AIO on the TS? We have read threads which state to "map theprinter to a natedriver" but we do not know where/how to do this.

No, do **not** install 3rd party printers drivers on the TS, and especially not for all-in-one printers! Those are nearly always

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incompatible with TS and can crash your printerspooler or the whole server.

The scanner and copier features will not work over TS anyway. Here are the detailed instructions on how to map the printer to a native driver:

239088 – Windows 2000 or
Windows Server 2003 Terminal Services server logs event

s 1111, 1105, and 1106 <http://support.microsoft.com/?kbid=239088>

2. The Thin-clients have USB ports. If we install a USB printer that they can print to locally while using the app on the TS, do we just install the printer driver on the TS? What is considered a "third-party" driver.

Again, no. A 3rd party driver is any driver which did *not* come on the installation CD for Windows 2003.

3. Can anyone direct us to a list of TS-compatible printers for Windows 2003 Server 32-bit Standard Edition SP1?

SP1? I strongly recommend to install SP2. It contains *lot* of fixes for known problems:

914962 – List of updates in Windows Server 2003 Service Pack 2 <http://support>

[.microsoft.com/?kbid=914962](http://support.microsoft.com/?kbid=914962)

All printers which are included with the OS. Just start the Add a printer wizard

on the server, and check the list of included

drivers.

Thanks!

You're welcome!

Vera Noest
MCSE, CCEA, Microsoft MVP – Terminal Server

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TS troubleshooting: <http://ts.veranoest.net>
___ please respond in newsgroup, NOT by private email ___

So, if we have a ethernet-based printer on the network – in this case it is an HP2015dn at IP 10.10.10.141 – here is how we are attempting to install this on the TS:

1. Add Printer
2. Local Printer...
3. Create new port –choose Hp Standard TCP/IP
4. Supply Printer's IP Address
5. Now, we get the list of available printers and the HP2015 is not listed.

Are you saying that we cannot use this HP Printer if it is not listed? Or can we download the WIndows 2003 driver from HP? And if so, do we choose a PCL5, PCL6 or Post Script driver?

That's what I said, yes.

There are some exceptions to the rule of "never install a 3rd party driver": drivers which are officially tested and supported by the manufacturer as TS compatible. AFAIK, HP is the only vendor which publishes such a list, and you're lucky, your model is OK.

Be sure to download the version of the driver from HP which is listed in the document!

HP Printers Supported in Citrix MetaFrame Presentation and Terminal Server Environments
<http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?objectID=c00213455>

Vera Noest
MCSE, CCEA, Microsoft MVP – Terminal Server
TS troubleshooting: <http://ts.veranoest.net>
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