

Windows 2003 RIS Error : unexpected error (21)

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.setup_deployment/2004-10/1252.html

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We've got a Windows 2003 Server running Remote Installation Services, and trying to deploy Dell OptiPlex SX270 clients with Windows XP Service Pack 2. We can deploy older OptiPlex models (those with network drivers built-into Windows XP) with no problems. And we were able to deploy SX270 images with our old Windows 2000 RIS Server (hardware crash) with no problems after creating the configuration as noted below. We've duplicated the configuration below on the 2003 RIS Server but are unable to get past this message. It appears that the PNF files are created the first time a client attempts to be imaged. Then setup continues after the initial driver search apparently succeeds, then start loading the Windows setup files and drivers, it looks like it throws this message when it tries to load the TCP/IP driver. We are guessing that it's looking for the e1000325.sys driver file but can't find it - WHERE ELSE does this file need to reside to continue? Thanks for any help.

Error message we receive:

File e1000325.sys caused an unexpected error (21) at line 3737 in d:\xpclient\base\boot\setup\setup.c.

Followed these instructions:

How to Add Third-Party OEM Network Adapters to RIS Installations

<http://support.microsoft.com/default.aspx?scid=kb:en-us:246184>

Applied this hotfix:

"The operating system image you selected does not contain the necessary drivers for your network adapter" error message during the text-mode part of Setup when you deploy an operating system image by using RIS

<http://support.microsoft.com/default.aspx?scid=kb:en-us:823658>

Client computer version and network card:

Dell OptiPlex SX270

Intel Gigabit LOM, v.7.0.34.2, A01

Release Date: 04/28/2004

Description: Intel PRO/1000 Network Drivers

(files edited by hand)

D:\RemoteInstall\Setup\English\Images\WINDOWS\i386\templates\ristndrd.sif

microsoft.public.windowsxp.setup_deployment: Windows 2003 RIS Error : unexpected error (21)

[Unattended]

OemPreinstall = yes

DriverSigningPolicy = Ignore

NoWaitAfterTextMode = 1

FileSystem = LeaveAlone

ExtendOEMPartition = 0

ConfirmHardware = no

NtUpgrade = no

Win31Upgrade = no

TargetPath = \WINDOWS

OverwriteOemFilesOnUpgrade = no

OemSkipEula = yes

UnattendMode = DefaultHide

InstallFilePath = "\\%SERVERNAME%\RemInst\%INSTALLPATH%\%MACHINETYPE%"

LegacyNIC = 1

OemPnpDriversPath = \Drivers\net\E1000

(directories created and files copied by hand)

D:\RemoteInstall\Setup\English\Images\WINDOWS\%oem%\\$1\Drivers\net\E1000

e1000325.cat

e1000325.din

E1000325.inf

E1000325.sys

e1000msg.dll

intelnic.dll

PROUnstl.exe

Setup.exe

1) Delete *.pnf (Precompiled Setup Information) from:

D:\RemoteInstall\Setup\English\Images\WINDOWS\i386

2) Reboot (or restart binlsv)