

## Re: RIS Install creates incorrect boot.ini files

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.setup\\_deployment/2006-08/msg00291.htm](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.setup_deployment/2006-08/msg00291.htm)

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- *From:* [rhodes.steve@xxxxxxxxxx](mailto:rhodes.steve@xxxxxxxxxx)
  - *Date:* 2 Aug 2006 05:48:58 -0700
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Tom Hirst wrote:

When performing an RIS install of WinXP Pro from a Win 2k3 RIS server the boot.ini file gets created with the signature(xxx) syntax rather than the multi(0) syntax. Setup from CD works without any problems. Anyone else experienced this problem before?

I'm having the same problem right now only with a win2k3 install not XP. I've posted this on a forum:

I'm trying to install W2k3 via RIS on some Sun X4100 rackmounts. These have got LSI Logic 1064 serial SCSI controllers in them and are running AMD64 Opterons. After the RIS remotely installs the OS, upon reboot I get this message:

"Windows could not start because of a computer disk hardware configuration problem. Could not read from selected boot disk. Check boot path and disk hardware. Please check the Windows documentation about hardware disk configuration and your hardware disk configuration and your hardware reference manuals for additional information. Boot Failed."

Basically, the only things added to the SIF file are the drivers for the SAS disks. I have 10 machines to install this on and for 2 of them there were no problems (identical hardware) which is why its also confusing that it doesnt work on the others.

This happened each time I performed a RIS installation. I assumed that it was a hardware problem so I ran it on two other servers with the same results.

After some internet searching I found hints that it might be something to do with the boot.ini and booting up with a Linux bootcd I found that the boot.ini looked like this:

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[boot loader]
timeout=30
Default= signature(c400c400)disk(2)rdisk(0)partition(1)\Windows
[operating systems]
signature(3892r94)disk(0)rdisk(0)partition(1)\WINDOWS="Windows Server
2003 Enterprise Edition"
```

Rather than showing "multi(0)...\\Windows", its using signature(c400c400) and after a further search I found the following MS kb article: <http://support.microsoft.com/?kbid=227704>. This indicated a problem with INT13 which just isnt the case and the SCSI bios is not disabled. There is only one drive in there so I've no idea where the disk(2) came from. The solutions I can think of to temporarily get around this is to use a bootdisk and manually edit the boot.ini or use RiPrep from one of the successful installs to use as an image for the others. Either way is certainly not a good solution.

Can anyone help with this and force the RIS to make a boot.ini with multi(0)disk(0) instead of signature(c400c400)disk(2)?

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