

Enable Write Disk Caching not saving (Server 2003)

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2007-04/msg01305.html>

- *From:* daniel.dryhurst@xxxxxxxxxx
 - *Date:* 30 Apr 2007 01:55:17 -0700
-

Hi

I have recently built and configured a new server (HP DL360 G5 series), with two 70GB hard disks configured as the default Raid 1 in the hardware.

I have not promoted it to a domain controller and the only role set is that of a file server. One of the legacy applications that it is for requires 'Write Disk Caching' enabling.

So I go into the device manager disk properties and click on the policies tab to enable it. I get a message underneath the check box along the lines of:

"This device does not allow its write cache setting to be modified"

So, I check the box anyway and then when I go back in the setting hasn't saved at all. I have checked the following registry setting:

HKLM/System/CurrentControlSet/Enum/SCSI/VotreHardDisk/SerialNum/DeviceParameters/Disk/UserWriteCacheSetting which is set to a value of '1'.

I have checked the event log and got the following information:

Event Type: Warning
Event Source: Disk
Event Category: None
Event ID: 34
Date: 30/04/2007
Time: 09:18:19
User: N/A
Computer: xxxxxxxxx
Description:

The driver disabled the write cache on device \Device\Harddisk0\DR0.

For more information, see Help and Support Center at

Enable Write Disk Caching not saving (Server 2003)

<http://go.microsoft.com/fwlink/events.asp>.

Data:

0000: 0f 00 04 00 01 00 62 00b.

0008: 00 00 00 00 22 00 04 80"..?

0010: 01 00 00 00 10 00 00 c0À

0018: 00 00 00 00 00 00 00 00

0020: 00 00 00 00 00 00 00 00

0028: 00 00 00 00

I have been into the BIOS and cannot see any settings related to DMA/Write caching etc. I have also tried the HP Array Configuration Utility which only has options for acceleration which are on default settings. I'm really at a loss here, as far as I know these settings should be allowed.

I know that it is DEFINITELY not switched on though registry indicates differently because on the old NT4 server a file scan takes 25 seconds and on the new hardware it takes upwards of 5 minutes.

Can anyone please help me?

.