
Subject: Re: [PATCH 2.6.19-rc2] scsi: megaraid_{mm, mbox}: 64-bit DMA capability fix

Posted by [James Bottomley](#) on Mon, 16 Oct 2006 19:34:44 GMT

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On Mon, 2006-10-16 at 12:08 +0400, Vasily Averin wrote:

> It is known that 2 LSI Logic MegaRAID SATA RAID Controllers (150-4 and 150-6)
> don't support 64-bit DMA. Unfortunately currently this check is wrong and driver
> sets 64-bit DMA mode for these devices.

>

> Signed-off-by: Andrey Mirkin <amirkin@sw.ru>

> Ack-by: Vasily Averin <vvvs@sw.ru>

>

> --- linux-2.6.19-rc2/drivers/scsi/megaraid/megaraid_mbox.c.mgst6 2006-10-16

> 10:26:50.000000000 +0400

> +++ linux-2.6.19-rc2/drivers/scsi/megaraid/megaraid_mbox.c 2006-10-16

> 11:30:55.000000000 +0400

> @@ -884,7 +884,7 @@ megaraid_init_mbox(adapter_t *adapter)

>

> if (((magic64 == HBA_SIGNATURE_64_BIT) &&

> ((adapter->pdev->subsystem_device !=

> - PCI_SUBSYS_ID_MEGARAID_SATA_150_6) ||

> + PCI_SUBSYS_ID_MEGARAID_SATA_150_6) &&

> (adapter->pdev->subsystem_device !=

> PCI_SUBSYS_ID_MEGARAID_SATA_150_4))) ||

> (adapter->pdev->vendor == PCI_VENDOR_ID_LSI_LOGIC &&

Er ... this patch would apply in reverse, but what's in the tree currently looks to be correct.

James
