

DragonFlyBSD - Bug #1579

dfly 2.4.1 does not like HP DL360G4p and Smart Array 6400 with MSA20

10/19/2009 01:57 PM - tomaz.borstnar

Status:	Feedback	Start date:	
Priority:	Normal	Due date:	
Assignee:	tuxillo	% Done:	0%
Category:	Unverifiable	Estimated time:	0.00 hour
Target version:	Unverifiable		
Description			
Hello!			
I have a HP DL360G4p machine with 5 gigs of RAM, internal SATA disk and HP SmartArray 6400 controller (2 channels) with 6400EM card (additional 2 channels attached as daughter card) with MSA20 enclosure with SATA disks - configured as 4 volumes. Install went fine, but dmesg prints some errors (full dmesg output attached), but here are relevant parts:			
<pre>bge0: <Broadcom BCM5704C Dual Gigabit Ethernet> mem 0xfddf0000-0xfddffff irq 7 at device 2.0 on pci2 bge0: CHIP ID 0x21000000; ASIC REV 0x02; CHIP REV 0x21; PCI-X alignment check failed miibus0: <MII bus> on bge0 brgphy0: <BCM5704 10/100/1000baseT PHY> on miibus0 brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-FDX, auto bge0: MAC address: 00:15:60:0f:b0:e8 bge1: <Broadcom BCM5704C Dual Gigabit Ethernet> mem 0xfdde0000-0xfddeffff irq 7 at device 2.1 on pci2 bge1: CHIP ID 0x21000000; ASIC REV 0x02; CHIP REV 0x21; PCI-X alignment check failed alignment check failed miibus1: <MII bus> on bge1 brgphy1: <BCM5704 10/100/1000baseT PHY> on miibus1 brgphy1: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT, 1000baseT-FDX, auto bge1: MAC address: 00:15:60:0f:b0:e7</pre>			
And...			
<pre>CAM: Configuring 5 busses CAM: finished configuring all busses (-2 left) **WARNING** waiting for the following device to finish configuring: xpt: func=0xc015423d arg=0 **WARNING** waiting for the following device to finish configuring: xpt: func=0xc015423d arg=0 **WARNING** waiting for the following device to finish configuring: xpt: func=0xc015423d arg=0 **WARNING** waiting for the following device to finish configuring: xpt: func=0xc015423d arg=0 **WARNING** waiting for the following device to finish configuring: xpt: func=0xc015423d arg=0 Giving up, interrupt routing is probably hosed</pre>			
But ciss is seen:			
<pre>ciss0: <HP Smart Array 6400> port 0x5000-0x50ff mem 0xfdf0000-0xfdf1fff irq 7 at device 4.0 on pci11 ciss1: <HP Smart Array 6400 EM> port 0x5400-0x54ff mem 0xfdf70000-0xfdf71fff irq 5 at device 5.0 on pci11</pre>			
Anything I can help to test?			
Tomaž			

History

#1 - 10/19/2009 02:37 PM - tomaz.borstnar

Also "shutdown -h now" does not succeed because of:

Shutting down ACPI

AcpiOsReleaseObject: Double Free 0xc6cef354

(using latest snapshot of 2.4 from chlamydia)

Tomaž

#2 - 10/19/2009 05:32 PM - polachok

Have you tried booting with ACPI disabled?

#3 - 10/20/2009 01:29 AM - sepherosa

2009/10/19 Tomaž Borštnar <tomaz.borstnar@over.net>:

```
> Hello!
>
> I have a HP DL360G4p machine with 5 gigs of RAM, internal SATA disk
> and HP SmartArray 6400 controller (2 channels) with 6400EM card (additional
> 2 channels attached as daughter card) with MSA20 enclosure with SATA disks -
> configured as 4 volumes. Install went fine, but dmesg prints some errors
> (full dmesg output attached), but here are relevant parts:
>
> bge0: <Broadcom BCM5704C Dual Gigabit Ethernet> mem 0xfddf0000-0xfddffff
> irq 7 at device 2.0 on pci2
> bge0: CHIP ID 0x21000000; ASIC REV 0x02; CHIP REV 0x21; PCI-X
> alignment check failed
> miibus0: <MII bus> on bge0
> brgphy0: <BCM5704 10/100/1000baseT PHY> on miibus0
> brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT,
> 1000baseT-FDX, auto
> bge0: MAC address: 00:15:60:0f:b0:e8
> bge1: <Broadcom BCM5704C Dual Gigabit Ethernet> mem 0xfdde0000-0xfddeffff
> irq 7 at device 2.1 on pci2
> bge1: CHIP ID 0x21000000; ASIC REV 0x02; CHIP REV 0x21; PCI-X
> alignment check failed
> alignment check failed
> miibus1: <MII bus> on bge1
> brgphy1: <BCM5704 10/100/1000baseT PHY> on miibus1
> brgphy1: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT,
> 1000baseT-FDX, auto
> bge1: MAC address: 00:15:60:0f:b0:e7
```

I think you mean the "alignment check failed", it is quite common and you can just ignore them

Best Regards,
sephe

#4 - 10/20/2009 01:32 AM - sepherosa

2009/10/19 Tomaž Borštnar <tomaz.borstnar@over.net>:

```
>
> Also "shutdown -h now" does not succeed because of:
```

Have you tried "shutdown -p now"? I think Linux powers off the machine if "shutdown -h now" is used.

```
>
> Shutting down ACPI
> AcpiOsReleaseObject: Double Free 0xc6cef354
```

I was trying to track it down several days ago, but didn't find the root cause. It is related to the acpi cpu module but not acpi cpu_cst and acpi cpu_pst module.

Best Regards,
sephe

#5 - 10/20/2009 10:03 AM - corecode

Sepherosa Ziehau wrote:

> 2009/10/19 Tomaž Borštnar <tomaz.borstnar@over.net>:

```
>> Hello!
```

```
>>
```

```
>> I have a HP DL360G4p machine with 5 gigs of RAM, internal SATA disk
>> and HP SmartArray 6400 controller (2 channels) with 6400EM card (additional
```

>> 2 channels attached as daughter card) with MSA20 enclosure with SATA disks -
>> configured as 4 volumes. Install went fine, but dmesg prints some errors
>> (full dmesg output attached), but here are relevant parts:
>>
>> bge0: <Broadcom BCM5704C Dual Gigabit Ethernet> mem 0xfddf0000-0xfddffff
>> irq 7 at device 2.0 on pci2
>> bge0: CHIP ID 0x21000000; ASIC REV 0x02; CHIP REV 0x21; PCI-X
>> alignment check failed
>> miiibus0: <MII bus> on bge0
>> brgphy0: <BCM5704 10/100/1000baseT PHY> on miiibus0
>> brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT,
>> 1000baseT-FDX, auto
>> bge0: MAC address: 00:15:60:0f:b0:e8
>> bge1: <Broadcom BCM5704C Dual Gigabit Ethernet> mem 0xfdde0000-0xfddeffff
>> irq 7 at device 2.1 on pci2
>> bge1: CHIP ID 0x21000000; ASIC REV 0x02; CHIP REV 0x21; PCI-X
>> alignment check failed
>> alignment check failed
>> miiibus1: <MII bus> on bge1
>> brgphy1: <BCM5704 10/100/1000baseT PHY> on miiibus1
>> brgphy1: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT,
>> 1000baseT-FDX, auto
>> bge1: MAC address: 00:15:60:0f:b0:e7
>
> I think you mean the "alignment check failed", it is quite common and
> you can just ignore them

Maybe we should remove the message then? :)

cheers
simon

#6 - 10/23/2009 03:12 PM - ahuate.devel

Hi,

> CAM: Configuring 5 busses
> CAM: finished configuring all busses (-2 left)

-2 busses?

xpt_finishconfig_task() seems to do nothing if busses_to_config != 0
Is this intended?

Btw, busses_to_config counter is only decreased in xptconfigfunc() and
xpt_finishconfig().

Cheers,
Antonio Huete

#7 - 08/27/2012 12:40 AM - swildner

- Description updated
- Assignee deleted (0)

Any chance that a current DragonFly could be tested on this box?

#8 - 06/02/2014 02:44 PM - tuxillo

- Description updated
- Category set to Unverifiable
- Status changed from New to Feedback
- Assignee set to tuxillo
- Target version set to Unverifiable

Hi,

Moving to unverifiable since we don't have the hardware to test that.

BUT...

I had exactly the same on my HP Proliant Microserver Gen8 when booting with ACPI not loaded. So if anyone has the hardware (HP DL360G4p and Smart Array 6400 or similar) and can test on latest release (3.8 at this moment) or master, please resurrect this issue.

Best regards,
Antonio Huete

Files

dmesg.txt	7.07 KB	10/19/2009	tomaz.borstnar
-----------	---------	------------	----------------