

---

Subject: Re: 2.6.23-mm1 s390 driver problem  
Posted by [akpm](#) on Fri, 19 Oct 2007 09:27:19 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Fri, 19 Oct 2007 11:16:16 +0200 Cedric Le Goater <clg@fr.ibm.com> wrote:

> Martin Schwidefsky wrote:  
> > On Thu, 2007-10-18 at 15:31 -0500, Serge E. Hallyn wrote:  
> >> Quoting Christian Borntraeger (borntraeger@de.ibm.com):  
> >>> Am Donnerstag, 18. Oktober 2007 schrieb Serge E. Hallyn:  
> >>>> Sigh, well this turned out less informative than I'd liked.  
> >>>> After bisecting 2.6.23 to 2.6.23-mm1, I found that  
> >>>> git-s390.patch is the one breaking my s390 boot :(  
> >>>> (Frown bc it's a conglomeration of patches0  
> >>>>  
> >>>> Symptom is:  
> >>>> "Cannot open root device "dasdd2" or unknown-block(94,14)"  
> >>>> even though dasdd2 appeared to be found earlier in the boot. I also  
> >>>> get  
> >>> Can you post the full console output from IPL to the unsuccessful end?  
> >> Yeah, sorry, appended below.  
> >>  
> >> I had thought that the line  
> >> sysctl table check failed: /sunrpc/transport .7249.14 Missing strategy  
> >> meant that the fix referenced in <http://lkml.org/lkml/2007/10/11/48>  
> >> would fix it, but it appeared to have no effect.  
> >  
> > This is the vmlinux.lids.S problem. The cleanup patch from Sam Ravnborg  
> > moved the \_\_initramfs\_start and \_\_initramfs\_end symbols into  
> > the .init.ramfs section. This is in itself not a problem, but it  
> > surfaced a bug: there is no \*(.init.initramfs), that needs to be  
> > \*(init.ramfs). I corrected this in the upstream patch but 2.6.23-mm1 has  
> > the older one that still causes the "Cannot open root device". For  
> > 2.6.23-mm1 use the patch below.  
> >  
>  
> thanks martin,  
>  
> that helped going a little further in the boot process but we then have  
> a network issue when bringing the network interface up :

please cc netdev on network issues.

> Modules linked in:  
> CPU: 0 Not tainted

```

> Process ip (pid: 1167, task: 0000000001d46038, ksp: 00000000025efb28)
> Krnl PSW : 0704200180000000 0000000000000002 (0x2)
>      R:0 T:1 IO:1 EX:1 Key:0 M:1 W:0 P:0 AS:0 CC:2 PM:0 EA:3
> Krnl GPRS: 0000000000000000 0000000000000000 000000000241f600 0000000001c8d
>      00000000000086dd 0000000001eb6d70 0000000000000000 0000000001c8d
>      0000000001eb6d40 00000000003abc28 0000000001eb6d00 00000000025ef
>      000000000241f600 00000000003b6d18 00000000002b33d2 00000000025ef
> Krnl Code:>0000000000000002: 0000      unknown
>      0000000000000004: 0000      unknown
>      0000000000000006: 0000      unknown
>      0000000000000008: 0000      unknown
>      000000000000000a: 0000      unknown
>      000000000000000c: 0000      unknown
>      000000000000000e: 0000      unknown
>      0000000000000010: 0000      unknown
> Call Trace:

```

that's a network issue ;)

```

> 00000000002b3352 gives : include/linux/netdevice.h:819
>

```

I have a feeling that we fixed this. But there's no BUG at 2.6.23-mm1's include/linux/netdevice.h:819. How about setting CONFIG\_DEBUG\_BUGVERBOSE=y?

---

Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---