

DragonFlyBSD - Bug #2355

panic: rrequest1_msghandler: rrequest table error was cpu4, err 17

04/27/2012 02:38 PM - jaydg

Status: Closed	Start date: 04/27/2012
Priority: Normal	Due date:
Assignee:	% Done: 10%
Category:	Estimated time: 0.00 hour
Target version:	
Description	
<p>I experimented with wlan and dhcp and had some trouble to get it to work. To start from scratch, I've deleted the generated interface wlan0 after running /etc/rc.d/netif stop. At some point after running /etc/rc.d/netif start again this panic occurs. This is reproducible.</p> <p>Version String: DragonFly v3.1.0.347.g228a6-DEVELOPMENT #4: Mon Mar 19 08:37:17 CET 2012</p> <pre>#0 _get_mycpu () at ./machine/thread.h:69 #1 md_dumpsys (di=<optimized out>) at /usr/src/sys/platform/pc64/x86_64/dump_machdep.c:263 #2 0xffffffff802f9b62 in dumpsys () at /usr/src/sys/kern/kern_shutdown.c:937 #3 0xffffffff802fa1c6 in boot (howto=260) at /usr/src/sys/kern/kern_shutdown.c:387 #4 0xffffffff802fa47d in panic (fmt=0xffffffff805b26a8 "rrequest1_msghandler: rrequest table error was cpu%d, err %d\n") at /usr/src/sys/kern/kern_shutdown.c:843 #5 0xffffffff8039d657 in rrequest1_msghandler (msg=<optimized out>) at /usr/src/sys/net/route.c:815 #6 0xffffffff8039bc70 in rtable_service_loop (dummy=<optimized out>) at /usr/src/sys/net/route.c:205 #7 0xffffffff80305300 in lwkt_deschedule_self (td=<unavailable>) at /usr/src/sys/kern/lwkt_thread.c:362</pre> <p>Backtrace stopped: previous frame inner to this frame (corrupt stack?)</p> <p>A dump is available.</p>	
Related issues:	
Related to Bug #2402: Showstopper panics for Release 3.2	New 08/15/2012

History

#1 - 04/27/2012 06:44 PM - sepherosa

On Sat, Apr 28, 2012 at 5:38 AM, Joachim de Groot via Redmine <bugtracker-admin@leaf.dragonflybsd.org> wrote:

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>
> Issue #2355 has been reported by Joachim de Groot.
>
> -----
> Bug #2355: panic: rrequest1_msghandler: rrequest table error was cpu4, err 17
> http://bugs.dragonflybsd.org/issues/2355
>
> Author: Joachim de Groot
> Status: New
> Priority: Normal
> Assignee:
> Category:
> Target version:
>
>
> I experimented with wlan and dhcp and had some trouble to get it to work.
> To start from scratch, I've deleted the generated interface wlan0 after running /etc/rc.d/netif stop.
> At some point after running /etc/rc.d/netif start again this panic occurs. This is reproducible.
>
> Version String: DragonFly v3.1.0.347.g228a6-DEVELOPMENT #4: Mon Mar 19 08:37:17 CET 2012
>
> #0 _get_mycpu () at ./machine/thread.h:69
> #1 md_dumpsys (di=<optimized out>) at /usr/src/sys/platform/pc64/x86_64/dump_machdep.c:263
> #2 0xffffffff802f9b62 in dumpsys () at /usr/src/sys/kern/kern_shutdown.c:937
> #3 0xffffffff802fa1c6 in boot (howto=260) at /usr/src/sys/kern/kern_shutdown.c:387
> #4 0xffffffff802fa47d in panic (fmt=0xffffffff805b26a8 "rrequest1_msghandler: rrequest table error was cpu%d, err %d\n") at /usr/src/sys/kern/kern_shutdown.c:843
> #5 0xffffffff8039d657 in rrequest1_msghandler (msg=<optimized out>) at /usr/src/sys/net/route.c:815
> #6 0xffffffff8039bc70 in rtable_service_loop (dummy=<optimized out>) at /usr/src/sys/net/route.c:205
```

> #7 0xffffffff80305300 in lwkt_deschedule_self (td=<unavailable>) at /usr/src/sys/kern/lwkt_thread.c:362
> Backtrace stopped: previous frame inner to this frame (corrupt stack?)
>
> A dump is available.

It will be helpful to have a dump.

Thanks,
sephe

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Tomorrow Will Never Die

#2 - 05/03/2012 09:51 AM - jaydg

I've uploaded the dump on leaf, ~jaydg/crash/2355.

#3 - 08/22/2012 12:24 AM - ftigeot

- % Done changed from 0 to 10

I got the same sort of panic on a 24-threads xeon box:
rtrequest1_msghandler: rtrequest table error was cpu16, err 17

Core dump available on leaf:~ftigeot/crash/crash.rtrequest1_msghandler

#4 - 08/22/2012 12:30 AM - ftigeot

I switched the main ethernet interface from bce0 to ix0:
ifconfig bce0 -alias xxx
ifconfig ix0 192.168.x.x/24

At this point, the default route was gone
As soon as I typed route add default to add it again, the system crashed

#5 - 08/22/2012 08:16 PM - sepherosa

On Wed, Aug 22, 2012 at 3:24 PM, Francois Tigeot via Redmine
<bugtracker-admin@leaf.dragonflybsd.org> wrote:

>
> Issue [#2355](#) has been updated by Francois Tigeot.
>
> % Done changed from 0 to 10
>
> I got the same sort of panic on a 24-threads xeon box:
> rtrequest1_msghandler: rtrequest table error was cpu16, err 17

I have checked the jaydg's core, it is crashed on a 6 logic cpu box;
same as yours 24 logic cpu box, i.e. the cpu count is not aligned on
power of 2. Following commit should have fixed it:
271d38c464d5d4591bc37fb66189c6fbc2a6a5be

It could be cherry-picked to 3.0 release branch.

Best Regards,
sephe

>
> Core dump available on leaf:~ftigeot/crash/crash.rtrequest1_msghandler
> -----
> Bug [#2355](#): panic: rtrequest1_msghandler: rtrequest table error was cpu4, err 17
> <http://bugs.dragonflybsd.org/issues/2355>
>
> Author: Joachim de Groot
> Status: New
> Priority: Normal
> Assignee:
> Category:
> Target version:
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> I experimented with wlan and dhcp and had some trouble to get it to work.
> To start from scratch, I've deleted the generated interface wlan0 after running /etc/rc.d/netif stop.
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> Version String: DragonFly v3.1.0.347.g228a6-DEVELOPMENT #4: Mon Mar 19 08:37:17 CET 2012
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> #0 _get_mycpu () at ./machine/thread.h:69
> #1 md_dumpsys (di=<optimized out>) at /usr/src/sys/platform/pc64/x86_64/dump_machdep.c:263
> #2 0xffffffff802f9b62 in dumpsys () at /usr/src/sys/kern/kern_shutdown.c:937
> #3 0xffffffff802fa1c6 in boot (howto=260) at /usr/src/sys/kern/kern_shutdown.c:387
> #4 0xffffffff802fa47d in panic (fmt=0xffffffff805b26a8 "rtrequest1_msghandler: rtrequest table error was cpu%d, err %d\n") at /usr/src/sys/kern/kern_shutdown.c:843
> #5 0xffffffff8039d657 in rtrequest1_msghandler (msg=<optimized out>) at /usr/src/sys/net/route.c:815
> #6 0xffffffff8039bc70 in rtable_service_loop (dummy=<optimized out>) at /usr/src/sys/net/route.c:205
> #7 0xffffffff80305300 in lwkt_deschedule_self (td=<unavailable>) at /usr/src/sys/kern/lwkt_thread.c:362
> Backtrace stopped: previous frame inner to this frame (corrupt stack?)
>
> A dump is available.
>
>
> --
> You have received this notification because you have either subscribed to it, or are involved in it.
> To change your notification preferences, please click here: <http://bugs.dragonflybsd.org/my/account>

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Tomorrow Will Never Die

#6 - 08/23/2012 04:01 AM - marino

- Status changed from New to In Progress

Since Sephe thinks this is fixed, let's show some progress on the BR.

#7 - 09/18/2012 05:51 AM - jaydg

- Status changed from In Progress to Closed