

[BUG] 2.6.24.4 kernel warning at kernel/lockdep.c:2662 check_flags()

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg12091.html>

- *From:* Kamalesh Babulal <kamalesh@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 31 Mar 2008 23:13:39 +0530
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Hi,

Kernel warning is seen while booting up 2.6.24.4 kernel on x86_64 box with the CONFIG_DEBUG_LOCKDEP enabled.

WARNING: at kernel/lockdep.c:2662 check_flags()
Pid: 0, comm: swapper Not tainted 2.6.24.4 #1

Call Trace:

```
[<ffffffff8025b02a>] check_flags+0xc6/0x19e  
[<ffffffff8025eb82>] lock_acquire+0x53/0xb2  
[<ffffffff804b51ac>] __atomic_notifier_call_chain+0x50/0xaf  
[<ffffffff8020af14>] mwait_idle+0x0/0x50  
[<ffffffff804b521a>] atomic_notifier_call_chain+0xf/0x11  
[<ffffffff8020ab7e>] __exit_idle+0x27/0x29  
[<ffffffff8020ae90>] cpu_idle+0xa8/0xe2  
[<ffffffff80220679>] start_secondary+0x3c6/0x3d5
```

possible reason: unannotated irqs-on.

irq event stamp: 720

hardirqs last enabled at (719): [[<ffffffff804b1f6a>](#)] trace_hardirqs_on_thunk+0x35/0x3a

hardirqs last disabled at (720): [[<ffffffff8020ae84>](#)] cpu_idle+0x9c/0xe2

softirqs last enabled at (718): [[<ffffffff80241b40>](#)] __do_softirq+0xd9/0xe2

softirqs last disabled at (713): [[<ffffffff8020d49c>](#)] call_softirq+0x1c/0x28

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Thanks & Regards,
Kamalesh Babulal,
Linux Technology Center,
IBM, ISTL.

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