
Subject: dpt_i2o: cycle with interrupts disabled
Posted by [vaverin](#) on Tue, 03 Oct 2006 09:29:10 GMT
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Mark,

I would like to tell you that we have included your driver into our kernels. Unfortunately it does not work well and our customers who tried to use it instead of i2o_block driver claims on the node lockups. We have received error messages, it shows that NMI watchdog detected that your driver loops in the following cycle up to 30 sec with interrupts disabled:

```
scsi_dispatch_cmd() (spin_lock_irqsave(host->host_lock, flags);)
host->host->queuecommand() == adpt_queue()
  adpt_scsi_to_i2o()
  adpt_i2o_post_this():
...
  ulong timeout = jiffies + 30*HZ;
  do {
    rmb();
    m = readl(pHba->post_port);
    if (m != EMPTY_QUEUE) {
      break;
    }
    if(time_after(jiffies,timeout)){
      printk(KERN_WARNING"dpti%d: Timeout waiting for message
frame!\n", pHba->unit);
      return -ETIMEDOUT;
    }
  } while(m == EMPTY_QUEUE);
...
```

Have you probably some ideas how to fix this issue in a proper way?

Thank you,
Vasily Averin

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