
Subject: debuginfo for kernel

Posted by [amorsen](#) on Wed, 09 Jan 2008 22:47:00 GMT

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I am trying to nail down a performance problem with routing.

CPU: AMD64 processors, speed 2194.5 MHz (estimated)

Counted CPU_CLK_UNHALTED events (Cycles outside of halt state) with a unit mask of 0x00

(No unit mask) count 100000

| vma | samples | % | linenr | info | symbol name |
|------------------|---------|---------|---------------------------|------|---------------------|
| ffffffff811e83a2 | 586492 | 25.2725 | (no location information) | | dev_hard_start_xmit |
| ffffffff811e83a2 | 68 | 0.0116 | (no location information) | | |
| ffffffff811e83a4 | 63 | 0.0107 | (no location information) | | |
| ffffffff811e83aa | 61 | 0.0104 | (no location information) | | |
| ffffffff811e83b1 | 92 | 0.0157 | (no location information) | | |
| ffffffff811e83c5 | 55 | 0.0094 | (no location information) | | |
| ffffffff811e83cb | 3 | 5.1e-04 | (no location information) | | |
| ffffffff811e83d2 | 61 | 0.0104 | (no location information) | | |
| ffffffff811e83d4 | 1 | 1.7e-04 | (no location information) | | |
| ffffffff811e83dd | 75 | 0.0128 | (no location information) | | |
| ffffffff811e83ee | 2 | 3.4e-04 | (no location information) | | |
| ffffffff811e83f2 | 492753 | 84.0170 | (no location information) | | |

[..]

So a lot of the kernel time is spent in the dev_hard_start_xmit function, and in particular on the address ffffffff811e83f2. The big question is -- what is that instruction doing?

I think I need the debuginfo package to find out, but I can't find the debuginfo package.

/Benny