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