
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
ffffff811e83a2	586492	25.2725	(no location information)		dev_hard_start_xmit
ffffff811e83a2	68	0.0116	(no location information)		
ffffff811e83a4	63	0.0107	(no location information)		
ffffff811e83aa	61	0.0104	(no location information)		
ffffff811e83b1	92	0.0157	(no location information)		
ffffff811e83c5	55	0.0094	(no location information)		
ffffff811e83cb	3	5.1e-04	(no location information)		
ffffff811e83d2	61	0.0104	(no location information)		
ffffff811e83d4	1	1.7e-04	(no location information)		
ffffff811e83dd	75	0.0128	(no location information)		
ffffff811e83ee	2	3.4e-04	(no location information)		
ffffff811e83f2	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 fffffff811e83f2. 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