
Subject: Re: Re: nptl perf bench and profiling with pidns patchsets

Posted by [xemul](#) on Mon, 04 Jun 2007 14:31:04 GMT

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Cedric Le Goater wrote:

> Pavel Emelianov wrote:

>> Serge E. Hallyn wrote:

>>> Quoting Kirill Korotaev (dev@sw.ru):

>>>> Cedric,

>>>>

>>>> just a small note.

>>>> imho it is not correct to check performance with enabled debug in memory allocator

>>>> since it can influence cache efficiency much.

>>>> In you case looks like you have DEBUG_SLAB enabled.

>>> Hm, good point. Cedric, did you ever run any tests with profiling and

>>> debugging turned off?

>> I'd like to add that the results-for-comparison have to be run

>> with profiler turned off. Further, if we need to know what the

>> bottleneck is, the profiler is on, but the numbers get are not

>> trusted.

>>

>> Cedric, may I ask you to rerun the tests with both the debug and

>> the profiler turned off and report the results again?

>

> sure. let me do all debug=off first because i'm interested in some

> figures.

Just to be sure. When I tested the namespaces I made the node clean from any daemon that could spoil the results and made the cache hot for the files involved in testing. Otherwise the results could have more than 5% of accuracy which is not enough...

> so what do you think of the nptl perf benchmark to evaluate our
> progress ?

If this is just a spawn test for threads, then I think this is not enough. This test *is* important, but we have to check some more issues when talking about the namespaces.

I will look at this test closer tomorrow for more competent answer.

> C.

Thanks,
Pavel

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