
Subject: Re: [Vserver] Re: Container Test Campaign

Posted by [dev](#) on Thu, 06 Jul 2006 10:44:23 GMT

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Gerrit,

>>>>I assuming you are doing your tests on the same system (i.e. same
>>>>compiler/libs/whatever else), and you do not change that system over
>>>>time (i.e. you do not upgrade gcc on it in between the tests).

>>>

>>>

>>>I hope! :)

>>

>>All binaries should be built statically to work the same way inside host/guest or
>>you need to make sure that you have exactly the same versions of glibc and other
>>system libraries. At least glibc can affect performamnce very much :/

>

>

> Ick - no one builds binaries statically in the real world. And,
> when you build binaries statically, you lose all ability to fix
> security problems in base libraries by doing an update of that library.
> Instead, all applications need to be rebuilt.

>

> Performance tests should reflect real end user usage - not contrived
> situations that make a particular solution look better or worse.
> If glibc can affect performance, that should be demonstrated in the
> real performance results - it is part of the impact of the solution and
> may need an additional solution or discussion.

What I tried to say is that performance results done in different environments are not comparable so have no much meaning. I don't want us to waste our time digging in why one environment is a bif faster or slower than another. I hope you don't want too.

Now, to have the same environment there are at least 2 ways:

- make static binaries (not that good, but easiest way)
- have exactly the same packages in host/VPS for all test cases.

BTW, I also prefer 2nd way, but it is harder.

Thanks,
Kirill
