
Subject: Re: [Announce] Kernel RHEL6 testing 042stab053.4
Posted by [jjs - mainphrame](#) on Tue, 27 Mar 2012 00:01:28 GMT
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I'm happy to report that the ploop-based CT under 042stab053.4 finishes a punishing dbench run with no problems. I was curious to see what performance would be like, and the dbench results from the ploop-based CT are actually closer to the host performance than the simfs-based CT is.

Joe

On Mon, Mar 26, 2012 at 7:05 AM, Kir Kolyshkin <kir@openvz.org> wrote:

> OpenVZ project has released a new RHEL6 based testing kernel. Read below
> for more information. Everyone using this kernel branch is advised to
> upgrade.

>
> NOTE this is a *testing* kernel, not recommended for production.

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> Changes

> =====

> (since 042stab053.3)

> * Fixes in UBC, CPT, ploop

>
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> Compatibility

> =====

> No new issues

>
>

> Download

> =====

> [http://wiki.openvz.org/**Download/kernel/rhel6-testing/**042 stab053.4](http://wiki.openvz.org/**Download/kernel/rhel6-testing/**042%20stab053.4)<
[http://wiki.openvz.org/Download/kernel/rhel6-testing/042stab 053.4](http://wiki.openvz.org/Download/kernel/rhel6-testing/042stab%20053.4)>

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>

> Bug reporting

> =====

> Use <http://bugzilla.openvz.org/> to report any bugs found.

>
>

> Other sources of info on updates

> =====**==

> See <http://wiki.openvz.org/News> to view all the news (including updates)
> online. There you can also find RSS/Atom feed links.

>
>

> Best regards,
> OpenVZ team.
> _____ **
> Announce mailing list
> Announce@openvz.org
> https://openvz.org/mailman/**listinfo/announce<<https://openvz.org/mailman/listinfo/announce>>
>

Subject: Re: Re: [Announce] Kernel RHEL6 testing 042stab053.4

Posted by [Kirill Korotaev](#) on Tue, 27 Mar 2012 04:45:01 GMT

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:)))

Actually, this can't be true, cause simfs overhead is naturally 0%. It intercepts only statfs() to fix df output, all the rest calls are native. So it's statistical deviation if you see simfs to be slower then native.

And, yes, ploop was designed to have near 0% overhead as well (unlike Linux loopback). It bypasses FS layer and works directly with block layer on fast paths.

Thanks,
Kirill

On Mar 27, 2012, at 04:01 , jjs - mainphrame wrote:

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>
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Subject: Re: Re: [Announce] Kernel RHEL6 testing 042stab053.4
Posted by [jjs - mainphrame](#) on Tue, 27 Mar 2012 05:29:33 GMT
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Kir,

I'll send you the dbench scripts and output if you want - I'll even give you remote access to my test system if you want to take a look.

Joe

On Mon, Mar 26, 2012 at 9:45 PM, Kirill Korotaev <dev@parallels.com> wrote:

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Subject: Re: Re: [Announce] Kernel RHEL6 testing 042stab053.4
Posted by [jjs - mainphrame](#) on Tue, 27 Mar 2012 20:34:19 GMT
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Kir, you may be right. A dbench run with ploop CT yesterday yielded the highest performance numbers ever seen on that hardware, but subsequent runs have not been able to reproduce those results, except on the host itself.

Joe

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