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Subject: Re: OpenVZ 7 containers crashing with ext4 errors

Posted by [khorenko](#) on Wed, 26 Aug 2020 12:02:23 GMT

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nathan.brownrice wrote on Mon, 24 August 2020 19:48: What I'd like to discuss:

1) Others that have had this same issue, and have applied the kernel update, did this fix your issues?

We would be also very interesting in the feedback on the patch.

nathan.brownrice wrote on Mon, 24 August 2020 19:48: 2) We have several other production host machines, and it's going to take a lot of moving things around before we can safely kernel update them.

You can install the kpatch patch from this thread on one node and check if it helps - it does not require Node reboot.

nathan.brownrice wrote on Mon, 24 August 2020 19:48: It looks like the initial error is happening during pcompact defrag, which we see can be disabled as per [https://docs.openvz.org/openvz\\_command\\_line\\_reference.webhelp/\\_pcompact\\_conf.html](https://docs.openvz.org/openvz_command_line_reference.webhelp/_pcompact_conf.html) . Perhaps this would prevent the issue from happening if this were to be temporarily disabled until we can get the kernels updated. Or, perhaps we could disable pcompact altogether. Any thoughts or suggestions on this?

Maybe you are right and pcompact significantly increases the chances the issue to trigger. But the truth is - until you (or someone else if you 100% sure you have exactly the same issue) test the patch, you cannot be sure the issue is ever fixed, so you can wait for "updated kernels" forever. I mean - something will be fixed in newer kernels, but it easily could be not a fix for your particular issue.

So I really suggest to install the kpatch patch and check if it helps. After that you will know you (and we) are on the right way at least.

BTW, if someone prefers full kernel instead of kpatch patch installation, here you are:

<http://fe.virtuozzo.com/a3001136c32272a6889092b16af03f64/>

This kernel contains a dozen of patches comparing to vz7.151.14 kernel, but all of them are important, most of them are already released as ReadyKernel patches, so this kernel can be considered as a stable one.

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