
Subject: Has ext4 (prod) been backported to 2.6.27?
Posted by [VinzC](#) on Wed, 28 Oct 2009 18:35:44 GMT
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Hi.

I've installed OpenVZ on a Gentoo server. I formatted my partitions with EXT4 (production) but I didn't pay attention that the LiveCD was running a recent kernel (2.6.30) for which EXT4 is in production. OpenVZ sources 2.6.27 (briullov), which are marked stable in Gentoo, only include the development version of EXT4 so none of my partitions can be mounted.

Does anyone know if there's a patch to back port ext4 onto 2.6.27 for OpenVZ?

EDIT: I really would like to use EXT4 especially because of the enhancements it provides. However I guess it might be not such a good idea...

Thanks for any hint or suggestion.

Subject: Re: Has ext4 (prod) been backported to 2.6.27?
Posted by [jeffa](#) on Thu, 29 Oct 2009 15:09:53 GMT
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Same problem with Fedora 11 which uses ext4 by default. Had to start over (repartition, reformat) with ext3 (no easy way to convert). Also I tried specifying the fs as ext4dev in fstab before attempting to boot the 2.6.27 kernel, and tried building a custom initrd image.

A backport would be nice...

Subject: Re: Has ext4 (prod) been backported to 2.6.27?
Posted by [batfastad](#) on Thu, 29 Oct 2009 21:54:15 GMT
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Ext4 can be mounted as ext3
<http://en.wikipedia.org/wiki/Ext4#Features>

But that might not be so clever in a production environment... I'm no FS or Linux expert so can't comment on the reliability of doing that.

Subject: Re: Has ext4 (prod) been backported to 2.6.27?
Posted by [Gnampf](#) on Thu, 29 Oct 2009 22:33:00 GMT
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Quote:However, if the ext4 partition uses extents (a major new feature of ext4), then the ability to mount the file system as ext3 is lost.

i'd expect that the feature is in use

Subject: Re: Has ext4 (prod) been backported to 2.6.27?

Posted by [VinzC](#) on Fri, 30 Oct 2009 11:22:16 GMT

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Thank you for your comments. I've finally made a full backup and reformatted with XFS. That went fine.
