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Subject: Re: ploop and trim/ discard support

Posted by [Corin Langosch](#) on Wed, 12 Sep 2012 21:38:59 GMT

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On 12.09.2012 at 21:34 +0200, Kir Kolyshkin <[kir@openvz.org](mailto:kir@openvz.org)> wrote:

>  
> On Sep 12, 2012 11:20 PM, "Corin Langosch" <[info@corinlangosch.com](mailto:info@corinlangosch.com)>  
> <<mailto:info@corinlangosch.com>>> wrote:  
> >  
> > Hi,  
> >  
> > it seems that when creating & deleting files inside a ploop backed  
> container the backing image file doesn't shrink. So the image file is  
> still consuming around 400 GB, while in the container df shows only  
> 100 GB in use.  
> >  
> > ll on host: -rw----- 1 root root 384G Sep 12 21:06 root.hdd  
> > df on container: /dev/ploop1 493G 103G 390G 21% /  
>  
> We have online shrink. It's "ploop balloon discard" or just "vzctl  
> compact". You'd better have ploop and vzctl from git (both are really  
> close to be released).  
>

The system's still working heavily but the image is already reduced by around 60 GB so it seems to work well. :)

Would you suggest putting some script into crontab to compact all ploop images ex. once a week? Or probably do something like `ctid%7` and compact a few of them every night?

BTW: the man of `vzctl` contains the "compact" command. But the usage output of `vzctl` doesn't. Shall I file a bug report for it?

BTW 2: I just read about the ploop ballooning technique in the wiki. Am I correct in that it works quite similar to `sdelete` on windows (<http://pastie.org/4710364> or <http://technet.microsoft.com/en-us/sysinternals/bb897443.asp> x)?

Thanks!

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