

LVM question. Missing about 11GB of Space..

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Date: 10/29/05

To: fedora-list@redhat.com

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Hash: SHA1

In doing a backup of a 250GB drive, I was surprised to have a compressed image that was larger than the used space. In the past, I've compressed an 80GB drive with 3 OS's, and get a 14GB image. This is a 250GB drive with only 1 OS, and it is producing an 18GB image. All free space is zeroed out. In doing some research, it appears that about 5% of the LVM partition is being used in some fashion that I am not aware of.

The drive shows the volume size as 229GB with 12GB uses, and 206GB Free. That leaves about 11 – 12 GB missing.

Whatever is in this 5% of the drive doesn't appear to compress very well with either lzop or gzip. With lzop the image is about 18GB and 16GB with gzip, but lzop only takes about 2 hours, whereas gzip takes about 3 1/2 hours. The image only seems to be runing fine until it gets to the end were this 5% seems to be, and it grows rapidly.

Any info on what this 5% is. I'm using g4l, which uses dd to copy the raw partition information, and uses lzop or gzip compression. I was thinking it might be some kind of swap, but why it would be 5% of the disk size, as compared to the amount of ram.

Thanks.

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<http://setiathome.berkeley.edu>

Number of Seti Units Returned: 18,388

Processing time: 32 years, 71 days, 5 hours, 36 minutes

(Total Hours: 282,030)

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Version: PGP 6.5.8 -- QDPGP 2.61c

Comment: <http://community.wow.net/grt/qdpgp.html>

iQA/AwUBQ2MGVCzGQcr/2AKZEQJwSACfc2ZHGgaugdmkZvqPXjWfwIL73vgAn0l+

Er1X39Mbmxd68f5JmWToTQKa

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