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Subject: Re: Is ploop stable/Any progress on quotas for simfs

Posted by [wsap](#) on Sat, 11 Jan 2020 21:28:20 GMT

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seanfulton wrote on Sat, 11 January 2020 13:40 What sort of overhead are you seeing with PLOOP containers? Right now I am migrating a CENTOS6 container and the container's disk usage shows 500M but df on the drive it is on is showing 1.2G of usage.

Here's a few containers we currently have for comparison. The first number is the total storage of all files in the container.

- WS2-163: 64.68 GB of 150 GB used -- du reports 78GB = 17% overhead
- WS2-230: 65.38 GB of 100 GB used -- du reports 77GB = 15% overhead
- WS2-253: 2.55 GB of 15 GB used -- du reports 4.3GB = 41% overhead
- WS2-301: 45.06 GB of 75 GB used -- du reports 54GB = 17% overhead

Assuming 41% is an outlier, and/or more likely to be a problem on smaller containers (which I believe is accurate from what I've seen), we're talking an average of 16% overhead. If you've got a 2TB drive, that means you've lost over 327GB to ploop overhead which in the above examples could easily be used for 4-6 more containers. Whereas if it were closer to 5% you'd only be losing 100GB, which would be an easier loss to stomach, given the advantages of ploop.

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