Subject: I did
Posted by votsalo on Sat, 18 Mar 2017 10:09:57 GMT
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I migrated to LXD, several months ago, and I like it. I have about 30 running containers on my dedicated server, for personal or non-profit use, websites etc. I use containers with the ZFS filesystem, which allows me to take instant snapshots and copies. It takes 10 seconds to make a test copy of a full ubuntu container and start it. I often have one container per project (website, etc.) so I can easily experiment with it, make snapshots, temporary test copies, revert to the last snapshot, etc. I use two container templates, the official ubuntu 16.04 and the latest Alpine. Alpine is very small. I use it for pound, static websites, git, certbot, and backup containers. I use a single external IP address for all the containers on my host, just like I did with OpenVZ. I use shorewall to redirect various ports to different containers. I redirect a separate port to SSH for each container. I also redirect the HTTP and HTTPS ports to a pound container that proxies requests to various containers according to the Host header (using SNI for HTTPS).

I also use LXD on a home computer, a VPS and an Amazon nano (!) instance. On the VPS I use containers with the ext4 filesystem, running one Ubuntu and two Alpine containers in a total of 10G disk. I tried using ZFS backed-up by flat files but it was tricky and I unexpectedly ran out of disk space. I also tried using ZFS on an add-on filesystem to the VPS. It was good for temporary migrating my OpenVZ containers, but the add-on filesystem performed much worse (with ZFS) than the root filesystem.

I also use LXD on a home computer, and on an Amazon nano instance (running just a backup Alpine container). I like the LXD client, "lxc", which allows me to do all LXD operations remotely, from my desktop.

My LXD containers are not as isolated as the OpenVZ containers. When I do "df" on an LXD container I also see the host lxd filesystem and when I run "top" I see the host RAM. ZFS allows me to set disk quotas for each container. I think I could also limit the RAM for a container. But I don't bother with limits, since I administer all my containers.

I am grateful to OpenVZ for introducing me to containers, and to LXD for giving me more flexibility and ease of use.