Subject: Containers suddenly stops working / unable to boot
Posted by erlendsl on Fri, 23 Jan 2015 19:05:48 GMT

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I've had several debian 7 containers failing on two different HNs the past week. When trying to boot the containers I get no errors, but vzlist shows that only 3 processes gets started. The ploop image seems to be mounted correctly.

I haven't been able to find any error in any logs, but when I stop the container, I get a "Child XXXXXX exited with status 1"-message.

Every time this has happened, I've had some containers working and some failing. Now almost every debian 7-container has failed once, but none of the centos-containers. I haven't been able to find a fix for the containers, and have been forced to spend hours reinstalling to get the services up and running.

I really don't know how to troubleshoot this, as I am unable to find any error messages in the logs. I hope someone can point me in the right direction.

The HN are running debian 7, with RHEL6 2.6.32-openvz-042stab102.9-amd64 and vzctl v 4.8.

Thanks,
Erlend

Subject: Re: Containers suddenly stops working / unable to boot
Posted by Ales on Sat, 24 Jan 2015 13:08:31 GMT

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I don't have any direct advice, I'm afraid.

To clarify: if you reinstall the debian container, the error doesn't happen again for this container?

Is there something else out of the ordinary on the HN when this failures happen, like stale processes, high load, etc.?

Have you tried using an older kernel or a newer, testing kernel?

Subject: Re: Containers suddenly stops working / unable to boot
Posted by erlendsl on Sat, 24 Jan 2015 13:15:41 GMT

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Thank you for your reply. I was actually able to figure out the problem. It was due to debian 7 replacing the upstart script with sysvinit after dist-upgrade. This had been done a while back, but

the container had not been restarted until yesterday. Chrooting into the container file system and reinstalling upstart (and removing sysvinit) fixed the problem.

This problem has previously been reported on bugzilla (id 2647), but there it is claimed to be resolved.