Subject: Does ioprio work as intended for others?
Posted by devonblzx on Sat, 04 May 2013 02:01:39 GMT
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I have tried to test --ioprio with various disk benchmarks but have failed to see any real differences in results between ioprio 0 and 7.

I have made sure that the scheduler for my drives is CFQ, does anyone else have this issue?

How I tested:

# vzctl set 1 --ioprio 0 --cpus 0 --cpulimit 0 --save
# vzctl set 2 --ioprio 7 --cpus 0 --cpulimit 0 --save
# vzctl exec 1 "dd if=/dev/zero of=/tmp/test bs=64k count=64k conv=fdatasync > /tmp/ddtest 2>&1 &"; vzctl exec 2 "dd if=/dev/zero of=/tmp/test bs=64k count=64k conv=fdatasync > /tmp/ddtest 2>&1 &"

# vzctl exec 1 cat /tmp/ddtest
65536+0 records in
65536+0 records out
4294967296 bytes (4.3 GB) copied, 14.2459 s, 301 MB/s
# vzctl exec 2 cat /tmp/ddtest
65536+0 records in
65536+0 records out
4294967296 bytes (4.3 GB) copied, 14.2804 s, 301 MB/s

Subject: Re: Does ioprio work as intended for others?
Posted by nostalgeek on Thu, 20 Jun 2013 18:30:06 GMT
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Same here, ioprio doesn't seems to change anything. I can see the /proc/vz/beancounter/CTID/blkio.weight value is being set from the ioprio.

Tested with :

while [ 1 ]; do dd if=/dev/zero of=1000mbtest.bin bs=1M count=1000; done

On 2 containers having each 256MB RAM and 256MB Vswap, but on with ioprio set to 0 and the other to 7. I can see pretty much the same performances on both containers.

I'm using the latest 042stab078.22 kernel.