Subject: high diskI/O load by sync?
Posted by iowissen on Fri, 03 Feb 2012 04:22:05 GMT

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we found diskI/O getting very high and a careful check shows "sync" in a container may cause very high disk I/O behavior. even cgroup blkio.throttle cannot supress the I/O.

Subject: Re: high diskI/O load by sync?
Posted by iowissen on Mon, 06 Feb 2012 03:20:43 GMT

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we also find that, if we do some disk I/O critical task in a container, and meanwhile do "sync" on another, the sync in the latter will be heavily delayed. e.g., in CT1 we do

    stress -d 4

while in CT2 we do

    time sync

then the sync would run more than 40 second. (for comparison, when we do nothing in CT1, CT2's sync costs only 1 second about).

could anyone confirm if the "sync" call in container would cause the whole host into sync or not?

thanks a lot!