Subject: Re: Question about cpuunits comment on swsoft forum
Posted by dev on Wed, 03 Jan 2007 12:22:52 GMT

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Rick, you misinterpreted Barmaley's words imho.

The issue is very simple: when you limit some VE to very low CPU rate, its processes begin to run slowly, so it takes more time for them to handle a single request or do some other activity. From kernel point of view, such processes though are not given CPU time are still being in RUNNING state (i.e. ready to run, though they are delayed by fairscheduler due to low VE rate). So as the result of the low rate, the number of tasks in VE in RUNNING state is increased. This results in increasing of load-average value shown by `uptime` tool, since it is calculated as an average from (number of running+uninterruptible tasks).

So due to low CPULIMIT loadavg can go higher. But this has nothing to do with I/O.