
Subject: Re: CPUUNITS (yeah...yet another question...*SIGH*)

Posted by [dev](#) on Mon, 02 Jul 2007 15:53:01 GMT

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No, 100 is absolutely the same as 1000 in this regard.
CPUUNITS control only how VEs fight for the CPU time and
doesn't affect latency of the reaction which is controlled
by HZ and some of sysctls in /proc/sys/kernel and is *bounded*.

Thanks,
Kirill

Michael Portz wrote:

> Hi!
>
> Everywhere it is stressed, that CPUUNITS is only relevant for the
> relative amount of time a VE has control of the resources. I am
> looking for a quite different answer: Does it have an absolute
> meaning as well?
>
> E.g. if VE0's CPUUNITS=1000, VE1's CPUUNITS=1000 and VE2's CPUUNITS=1000
> (and these are *all* VEs), then they all get the same share of processing
> time. The same holds for CPUUNITS=100 for all VEs. But is there any
> difference for the values 100 and 1000 respectively?
>
> Does e.g CPUUNITS=100 mean, a VE is swapped out after 100 * c timeunits
> for a constant c? Specifically: Does decreasing the values of CPUUNITS
> decrease the reaction time of VEs towards interrupts etc.?
>
> Thanks
> Michael
>
>
