
Subject: Re: how to get the current HN CPU utilization by particular CT
Posted by [knawnd](#) on Sat, 14 May 2011 08:27:22 GMT

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As far as I understand in order to determine HN CPU load produced by certain CT it is enough to extract 'user', 'system' and 'uptime' values from /proc/vz/vestat twicely. Then the formula is
$$ct_cpu_usage = 100\% * [(user_time_2 + system_time_2) - (user_time_1 + system_time_1)] / (uptime_2 - uptime_1)$$

I wonder if the formula above is correct and if it is then if it is valid for both cases: when cpulimit is set and unset? I guess it should be valid in both cases.

The second question is if there are any plans to implement HN CPU load produced by particular CT in some of vz* tools (e.g. in vzcpucheck providing some additional option and print one more column required info about HN CPU utilization by each container)?

Regards,
Nikolay.

knawnd@gmail.com wrote on 13/05/11 16:58:

> Tim, thanks a lot for reply and info!

>

> Using all info I have now I will try to write what I need.

>

> Thanks again!

> Nikolay.

>

> Tim Small wrote on 13/05/11 16:46:

>> I can't remember how I derived it, but you might want to take a look at

>> this munin plugin which I wrote a few months back:

>>

>> <http://exchange.munin-monitoring.org/plugins/openvzcpu/details>

>>

>> Cheers,

>>

>> Tim.

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