Subject: Re: [PATCH 2/2] Make res_counter hierarchical
Posted by KAMEZAWA Hiroyuki on Tue, 11 Mar 2008 08:32:25 GMT
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On Tue, 11 Mar 2008 11:15:56 +0300
Pavel Emelyanov <xemul@openvz.org> wrote:
> > Hmm? seems strange.
> >
> > IMO, a parent's usage is just sum of all childs'.
> > And, historically, memory overcommit is done agaist "memory usage + swap".
> >
> > How about this ?
> > <mem_counter_top, swap_counter_top>
> > <mem_counter_sub, swap_counter_sub>
> > <mem_counter_sub, swap_counter_sub>
> > <mem_counter_sub, swap_counter_sub>
> >
> > mem_counter_top.usage == sum of all mem_coutner_sub.usage
> > swap_counter_sub.usage = sum of all swap_counter_sub.usage
>
> I've misprinted in y tree, sorry.
> The correct hierarchy as I see it is
>
thank you.

> <mem_couter_0>
> + -- <swap_counter_0>
> + -- <mem_counter_1>
> | + -- <swap_counter_1>
> | + -- <mem_counter_11>
> | | + -- <swap_counter_11>
> | + -- <mem_counter_12>
> | + -- <swap_counter_12>
> + -- <mem_counter_2>
> | + -- <swap_counter_2>
> | + -- <mem_counter_21>
> | | + -- <swap_counter_21>
> | + -- <mem_counter_22>
> | + -- <swap_counter_22>
> + -- <mem_counter_N>
> + -- <swap_counter_N>
> + -- <mem_counter_N1>
> | + -- <swap_counter_N1>
> + -- <mem_counter_N2>
> + -- <swap_counter_N2>
>
please let me confirm.

- swap_counter_X.limit can be defined independent from mem_counter_X.limit ?
- swap_conter_N1's limit and swap_counter_N's have some relationship ?

Thanks,
-kame

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