Subject: Re: [PATCH 2/2] Make res_counter hierarchical
Posted by KAMEZAWA Hiroyuki on Tue, 11 Mar 2008 09:07:46 GMT
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On Tue, 11 Mar 2008 11:38:50 +0300
Pavel Emelyanov <xemul@openvz.org> wrote:

> >> <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 ?
>
> No. The mem_counter_N_limit is the limit for all the memory, that the
> Nth group consumes. This includes the RSS, page cache and swap for this
> group and all the child groups. Since RSS and page cache are accounted
> together, this limit tracks the sum of (memory + swap) values over the
> subtree started at the given group.
>

Hmm, how should I set limit to allow "tons of swap but small limit to memory".

Thanks,
-Kame

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