

---

Subject: Re: New pid namespaces patches testing  
Posted by [Pavel Emelianov](#) on Tue, 19 Jun 2007 11:14:52 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Cedric Le Goater wrote:

> Pavel Emelianov wrote:

>> OK. We have measured the nptl perf test for init namespace.

>> Summary - flat model is very light, Suka's patches break the

>> kernel performance event when CONFIG\_PID\_NS is off.

>>

>>                   | perf, s | perf loss |

>> -----+-----+-----+

>>                   |           |           |

>>                   |           |           |

>> -----+-----+-----+

>

> is that on the same hardware you used last time ?

> 2 \* Intel(R) Xeon(TM) CPU 3.00GHz with 2GB RAM.

Yup.

>> I do believe that Suka's hierarchical model is better than mine,

>> but my point is: let's support the flat model as well.

>

> OK. First thing we can do is to find what they have in common and

> get that included. Then, after the first round, we might even find

> some more to reach the MULTI model :)

The [PREP xxx] series of patches does exactly this. It has the proc changes, all the necessary things to work with pid numbers, all the preparations in kernel/pid.c, signal handling, etc. Do you mind using this?

The [MULTI xxx] series is just a demonstration of how this model can be done above my patches. I saw that Suka's model was faster (and I think I know why) so I'm fine with throwing out my multilevel model (only).

> That said, I'm perfectly fine with the FLAT model, because I think

> it covers nearly all the real world scenarii i know about : system

> containers, application containers.

>

> C.  
>

---

Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---