Subject: Re: [RFC][PATCH 1/5] Virtualization/containers: startup Posted by dev on Mon, 06 Feb 2006 16:50:08 GMT

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Hello,

- > I worry that using something like "vps" obfuscates the real meaning a > bit. The reason that "owner_vps" doesn't sound weird is that people, by > default, usually won't understand what a "vps" is. container or context sounds the same :) it is impossible to feel this notion naturally without getting into details. IMHO.
- (if you like acronyms a lot, I'm sure I can find a job for you at IBM orin the US military :)We can talk about it separetely :)))
- >>Please, also note, in OpenVZ we have 2 pointers on task_struct:
 >>One is owner of a task (owner_env), 2nd is a current context (exec_env).
- >>exec_env pointer is used to avoid adding of additional argument to all >>the functions where current context is required.

>

> That makes sense. However, are there many cases in the kernel where a > task ends up doing something temporary like this:

> tsk->exec_vnc = bar;

- > do_something_here(task);
- > tsk->exec_vnc = foo;

>

- > If that's the case very often, we probably want to change the APIs, just
- > to make the common action explicit. If it never happens, or is a
- > rarity, I think it should be just fine.

It is quite rare. In IRQ, softIRQ, TCP/IP stack and some timers. Not much.

- >>VPS ID is passed to/from user space APIs and when you have a cluster >>with different archs and VPSs it is better to have something in common >>for managing this.
- > I guess it does keep you from running into issues with mixing 32 and
- > 64-bit processes. But, haven't we solved those problems already? Is it > just a pain?

VPSs can live in clusters. It is good to have one VPS ID space.

Kirill