
Subject: Re: [RFC][PATCH 06/16] Define is_global_init()

Posted by [xemul](#) on Thu, 24 May 2007 08:28:59 GMT

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> Index: lx26-21-mm2/kernel/pid.c

> =====

> --- lx26-21-mm2.orig/kernel/pid.c 2007-05-22 16:59:34.000000000 -0700

> +++ lx26-21-mm2/kernel/pid.c 2007-05-22 16:59:46.000000000 -0700

> @@ -71,6 +71,27 @@ struct pid_namespace init_pid_ns = {

> .child_reaper = &init_task

> };

>

> +

> +/**

> + * is_global_init - check if a task structure is init

> + * @tsk: Task structure to be checked.

> + *

> + * Check if a task structure is the first user space task the kernel created.

> + */

> +int is_global_init(struct task_struct *tsk)

> +{

> + return (task_active_pid_ns(tsk) == &init_pid_ns && tsk->pid == 1);

This can OOPS if you pass arbitrary task to this call...

tsk->nsproxy can already be NULL.

> +}

> +

> +/*

> + * is_container_init:

> + * check whether in the task is init in it's own pid namespace.

> + */

> +int is_container_init(struct task_struct *tsk)

> +{

> + return tsk->pid == 1;

> +}

> +

> +/*

> + * Note: disable interrupts while the pidmap_lock is held as an

> + * interrupt might come in and do read_lock(&tasklist_lock).

>

> _____

> Containers mailing list

> Containers@lists.linux-foundation.org

> https://lists.linux-foundation.org/mailman/listinfo/containers

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