
Subject: Re: [PATCH 1/6] IPC namespace core
Posted by [Cedric Le Goater](#) on Fri, 09 Jun 2006 15:20:15 GMT
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Kirill Korotaev wrote:

> This patch implements core IPC namespace changes:

> - ipc_namespace structure

> - new config option CONFIG_IPC_NS

> - adds CLONE_NEWIPC flag

> - unshare support

>

> Signed-Off-By: Pavel Emelianov <xemul@openvz.org>

> Signed-Off-By: Kirill Korotaev <dev@openvz.org>

>

>

> -----

>

> --- ./include/linux/init_task.h.ipcns 2006-06-06 14:47:58.000000000 +0400

> +++ ./include/linux/init_task.h 2006-06-08 14:28:23.000000000 +0400

> @@ -73,6 +73,7 @@ extern struct nsproxy init_nsproxy;

> .count = ATOMIC_INIT(1), \

> .nslock = SPIN_LOCK_UNLOCKED, \

> .uts_ns = &init_uts_ns, \

> + .ipc_ns = &init_ipc_ns, \

> .namespace = NULL, \

> }

>

> --- ./include/linux/ipc.h.ipcns 2006-04-21 11:59:36.000000000 +0400

> +++ ./include/linux/ipc.h 2006-06-08 15:43:43.000000000 +0400

> @@ -2,6 +2,7 @@

> #define _LINUX_IPC_H

>

> #include <linux/types.h>

> + #include <linux/kref.h>

>

> #define IPC_PRIVATE ((__kernel_key_t) 0)

>

> @@ -68,6 +69,41 @@ struct kern_ipc_perm

> void *security;

> };

>

> + struct ipc_ids;

> + struct ipc_namespace {

> + struct kref kref;

> + struct ipc_ids *ids[3];

> +

> + int sem_ctls[4];

> + int used_sems;

```
> +  
> + int msg_ctlmax;  
> + int msg_ctlmnb;  
> + int msg_ctlmni;  
> +  
> + size_t shm_ctlmax;  
> + size_t shm_ctlall;  
> + int shm_ctlmni;  
> + int shm_tot;  
> +};
```

you could probably simplify your patch by moving struct ipc_ids to ipc.h and not allocating ids.

see patch bellow. I've been working all week on this patchset :)

C.
