
Subject: Re: [PATCH 01/11] SYSCTL: export root and set handling routines

Posted by [ebiederm](#) on Sat, 17 Dec 2011 22:25:14 GMT

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Stanislav Kinsbursky <skinsbursky@parallels.com> writes:

> These routines are required for making SUNRPC sysctl's per network namespace
> context.

Why does sunrpc require it's own sysctl root? You should be able to use
the generic per network namespace root and call it good.

What makes register_net_sysctl_table and register_net_sysctl_ro_table
unsuitable for sunrpc. I skimmed through your patches and I haven't
seen anything obvious.

Eric

> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

>

> ---

> include/linux/sysctl.h | 1 +

> kernel/sysctl.c | 11 ++++++++

> 2 files changed, 12 insertions(+), 0 deletions(-)

>

> diff --git a/include/linux/sysctl.h b/include/linux/sysctl.h

> index 703cfa3..be586a9 100644

> --- a/include/linux/sysctl.h

> +++ b/include/linux/sysctl.h

> @@ -1084,6 +1084,7 @@ struct ctl_path {

> };

>

> void register_sysctl_root(struct ctl_table_root *root);

> +void unregister_sysctl_root(struct ctl_table_root *root);

> struct ctl_table_header *__register_sysctl_paths(

> struct ctl_table_root *root, struct nsproxy *namespaces,

> const struct ctl_path *path, struct ctl_table *table);

> diff --git a/kernel/sysctl.c b/kernel/sysctl.c

> index ae27196..fb016a9 100644

> --- a/kernel/sysctl.c

> +++ b/kernel/sysctl.c

> @@ -1700,6 +1700,15 @@ void register_sysctl_root(struct ctl_table_root *root)

> list_add_tail(&root->root_list, &sysctl_table_root.root_list);

> spin_unlock(&sysctl_lock);

> }

> +EXPORT_SYMBOL_GPL(register_sysctl_root);

> +

```

> +void unregister_sysctl_root(struct ctl_table_root *root)
> +{
> + spin_lock(&sysctl_lock);
> + list_del(&root->root_list);
> + spin_unlock(&sysctl_lock);
> +}
> +EXPORT_SYMBOL_GPL(unregister_sysctl_root);
>
> /*
>  * sysctl_perm does NOT grant the superuser all rights automatically, because
> @@ -1925,6 +1934,7 @@ struct ctl_table_header *__register_sysctl_paths(
>
>  return header;
> }
> +EXPORT_SYMBOL_GPL(__register_sysctl_paths);
>
> /**
>  * register_sysctl_table_path - register a sysctl table hierarchy
> @@ -2007,6 +2017,7 @@ void setup_sysctl_set(struct ctl_table_set *p,
>  p->parent = parent ? parent : &sysctl_table_root.default_set;
>  p->is_seen = is_seen;
> }
> +EXPORT_SYMBOL_GPL(setup_sysctl_set);
>
> #else /* !CONFIG_SYSCTL */
> struct ctl_table_header *register_sysctl_table(struct ctl_table * table)
>
> --
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