
Subject: Re: [PATCH] utsns: Restore proper namespace handling.

Posted by [akpm](#) on Tue, 27 Nov 2007 06:55:17 GMT

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On Mon, 26 Nov 2007 09:19:17 -0600 "Serge E. Hallyn" <serue@us.ibm.com> wrote:

```
> Quoting Eric W. Biederman (ebiederm@xmission.com):
> >
> > When CONFIG_UTS_NS was removed it seems that we also deleted
> > the code for handling sysctls in the other then the initial
> > uts namespace. This patch restores that code.
> >
> > Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>
>
> Thanks, Eric.
>
> Acked-by: Serge Hallyn <serue@us.ibm.com>
>
> > ---
> > kernel/utsname_sysctl.c | 2 ++
> > 1 files changed, 2 insertions(+), 0 deletions(-)
> >
> > diff --git a/kernel/utsname_sysctl.c b/kernel/utsname_sysctl.c
> > index c76c064..71f58c3 100644
> > --- a/kernel/utsname_sysctl.c
> > +++ b/kernel/utsname_sysctl.c
> > @@ -18,6 +18,8 @@
> > static void *get_uts(ctl_table *table, int write)
> > {
> >     char *which = table->data;
> > + struct uts_namespace *uts_ns = current->nsproxy->uts_ns;
> > + which = (which - (char *)&init_uts_ns) + (char *)uts_ns;
> >
> >     if (!write)
> >         down_read(&uts_sem);
```

I already have a (more codingstylely attractive) version of this from Pavel, for which I shall steal your ack.

```
--- a/kernel/utsname_sysctl.c~isolate-the-uts-namespaces-domainname-and-hostname-back
+++ a/kernel/utsname_sysctl.c
@@ -18,6 +18,10 @@
static void *get_uts(ctl_table *table, int write)
{
    char *which = table->data;
+ struct uts_namespace *uts_ns;
+
+ uts_ns = current->nsproxy->uts_ns;
```

```
+ which = (which - (char *)&init_uts_ns) + (char *)uts_ns;
```

```
if (!write)
    down_read(&uts_sem);
```

```
—
```

Those pointer tricksies are revolting. What's going on in there?

Containers mailing list

Containers@lists.linux-foundation.org

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