

---

Subject: Re: [PATCH 1/5] The config option itself  
Posted by [serue](#) on Mon, 01 Oct 2007 14:27:41 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Quoting Pavel Emelyanov (xemul@openvz.org):

> sukadev@us.ibm.com wrote:

> > Serge E. Hallyn [serue@us.ibm.com] wrote:

> > | Quoting Serge E. Hallyn (serue@us.ibm.com):

> > | > Quoting Pavel Emelyanov (xemul@openvz.org):

> > | > > The option is called NAMESPACES. It can be selectable only

> > | > > if EMBEDDED is chosen (this was Eric's requisition). When

> > | > > the EMBEDDED is off namespaces will be on automatically.

> > | > >

> > | > > One more option (NAMESPACES\_EXPERIMENTAL) was added by

> > | > > Serge's request to move there all the namespaces that are

> > | > > not finished yet. Currently only the user and the network

> > | > > namespaces are such.

> > | > >

> > | > > Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

> > | > >

> > | > > ---

> > | > >

> > | > > diff --git a/init/Kconfig b/init/Kconfig

> > | > > index 684ccfb..05a71d7 100644

> > | > > --- a/init/Kconfig

> > | > > +++ b/init/Kconfig

> > | > > @@ -369,6 +360,23 @@ config RELAY

> > | > >

> > | > > If unsure, say N.

> > | > >

> > | > > +config NAMESPACES

> > | > > + bool "The namespaces support" if EMBEDDED

> > | > > + default !EMBEDDED

> > | > > + help

> > | > > + Provides the way to make tasks work with different objects using

> > | > > + the same id. For example same IPC id may refer to different objects

> > | > > + or same user id or pid may refer to different tasks when used in

> > | > > + different namespaces.

> > | > > +

> > | > > +config NAMESPACES\_EXPERIMENTAL

> > | > > + bool "Add the experimental namespaces support" if EMBEDDED

> > | >

> > | > Hi Pavel,

> > | >

> > | > Overall this patchset looks good.

> > | >

> > | > However the NAMESPACES\_EXPERIMENTAL option should not have the

> > | > 'if EMBEDDED', right? This is about EXPERIMENTAL, not about

```

>> | > EMBEDDED, unlike the plain NAMESPACES option.
>> | >
>> | > -serge
>> |
>> | Actually that doesn't seem to work either. Even though
>> | SECURITY_NAMESPACES=y, the config system seems to infer that
>> | since NAMESPACES is not user-selectable, NAMESPACES_EXPERIMENTAL
>> | shouldn't be either. So we end up with NAMESPACES_EXPERIMENTAL
>> | being on and not un-selectable if !EMBEDDED.
>>
>> Yes. Given that NAMESPACES depends on EMBEDDED, NAMESPACES_EXPERIMENTAL
>> can simply depend on NAMESPACES and EXPERIMENTAL with a default of N.
>
> Nope. The intention is that the NAMESPACES and NAMESPACES_EXPERIMENTAL

```

No, Eric wanted NAMESPACES to only be unselectable if EMBEDDED=y, but NAMESPACES\_EXPERIMENTAL should always be unselectable. If current config logic can't do that then we should forget about the EMBEDDED requirement altogether.

The rest of this patchset looks great. Thanks, Pavel.

-serge

```

> must not be selectable if EMBEDDED=n, but if we make NS_EXPERIMENTAL
> depend on NAMESPACES only we'll have to make a choice in !EMBEDDED.
>
>> BTW, does the position of 'config NAMESPACES' in init/Kconfig file
>> matter ? If it is dependent on EMBEDDED, should it not come later
>> in the file, after 'config EMBEDDED' ?
>>
>> |
>> | >> + depends on NAMESPACES && EXPERIMENTAL
>> | >> + default !EMBEDDED
>> | >> + help
>> | >> + Also include the support for the namespaces that are not fnished
>> | >> + or well developed yet
>> | >> +
>> | >> config BLK_DEV_INITRD
>> | >> bool "Initial RAM filesystem and RAM disk (initramfs/initrd) support"
>> | >> depends on BROKEN || !FRV
>> |
>> | Containers mailing list
>> | Containers@lists.linux-foundation.org
>> | https://lists.linux-foundation.org/mailman/listinfo/containers
>>

```

---

Containers mailing list

