Subject: Re: [PATCH 1/5] The config option itself
Posted by Pavel Emelianov on Thu, 27 Sep 2007 08:22:03 GMT
View Forum Message <> Reply to Message

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 experimantal 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
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
>

_____