
Subject: Re: [PATCH 1/5] The config option itself
Posted by [Pavel Emelianov](#) on Mon, 01 Oct 2007 14:28:51 GMT
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Serge E. Hallyn wrote:

> 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.

```

OK, I see and agree :) I will remake the patches shortly.

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

You're welcome.

```

> -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

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

>>>

> -

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>

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