
Subject: Re: [PATCH 1/5] The config option itself

Posted by [Sukadev Bhattiprolu](#) on Thu, 27 Sep 2007 02:30:24 GMT

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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.

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 finished
| > > + or well developed yet
| > > +
| > > config BLK_DEV_INITRD
| > > bool "Initial RAM filesystem and RAM disk (initramfs/initrd) support"
| > > depends on BROKEN || !FRV

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