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Subject: Re: [PATCH 4/9] allow killing tasks in your own or child usersns

Posted by [serge](#) on Thu, 24 Feb 2011 00:48:18 GMT

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Quoting Andrew Morton ([akpm@linux-foundation.org](mailto:akpm@linux-foundation.org)):

> On Thu, 17 Feb 2011 15:03:25 +0000

> "Serge E. Hallyn" <[serge@hallyn.com](mailto:serge@hallyn.com)> wrote:

>

> > /\*

> > + \* called with RCU read lock from check\_kill\_permission()

> > + \*/

> > +static inline int kill\_ok\_by\_cred(struct task\_struct \*t)

> > +{

> > + const struct cred \*cred = current\_cred();

> > + const struct cred \*tcred = \_\_task\_cred(t);

> > +

> > + if (cred->user->user\_ns == tcred->user->user\_ns &&

> > + (cred->euid == tcred->suid ||

> > + cred->euid == tcred->uid ||

> > + cred->uid == tcred->suid ||

> > + cred->uid == tcred->uid))

> > + return 1;

> > +

> > + if (ns\_capable(tcred->user->user\_ns, CAP\_KILL))

> > + return 1;

> > +

> > + return 0;

> > +}

>

> The compiler will inline this for us.

Is that simply true with everything (worth inlining) nowadays, or is there a particular implicit hint to the compiler that'll make that happen?

Not that I guess it's even particularly important in this case.

From: Serge E. Hallyn <[serge.hallyn@canonical.com](mailto:serge.hallyn@canonical.com)>

Date: Thu, 24 Feb 2011 00:26:02 +0000

Subject: [PATCH 1/2] usersns: let compiler inline kill\_ok\_by\_cred (per akpm)

Signed-off-by: Serge E. Hallyn <[serge.hallyn@canonical.com](mailto:serge.hallyn@canonical.com)>

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kernel/signal.c | 2 +-

1 files changed, 1 insertions(+), 1 deletions(-)

diff --git a/kernel/signal.c b/kernel/signal.c

index ffe4bdf..12702b4 100644

```
--- a/kernel/signal.c
+++ b/kernel/signal.c
@@ -638,7 +638,7 @@ static inline bool si_fromuser(const struct siginfo *info)
/*
 * called with RCU read lock from check_kill_permission()
 */
-static inline int kill_ok_by_cred(struct task_struct *t)
+static int kill_ok_by_cred(struct task_struct *t)
{
    const struct cred *cred = current_cred();
    const struct cred *tcred = __task_cred(t);
--
1.7.0.4
```

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Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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