
Subject: Re: restarting tests/sleep

Posted by [serue](#) on Mon, 09 Jun 2008 18:19:12 GMT

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Quoting Dave Hansen (dave@linux.vnet.ibm.com):

> On Mon, 2008-06-09 at 11:23 -0500, Serge E. Hallyn wrote:

> >

> >

> > Yeah that's insurmountable - notice the stack in the process which was

> > fork()ed to be the restarted process topped at bfcab000, while the

> > checkpointed stack topped at bfdae000. You're not allowed to write

> > above the stack. So the only things to do are

> >

> > 1. keep trying the restart in the hopes you get a task with

> > stack topping at or above bfdae000

> > 2. if the checkpointed stack is too high to be likely to be

> > restartable, generate a new checkpoint image and you

> > should get a lower stack top.

> >

> > (Dave, maybe you had other ideas I haven't considered)

>

> Have you tried turning of stack randomization? It should make the stack

> more dependable at exec. We could also provide a hint somewhere on

> exec() where to place the stack.

Yup, that should prevent the spurious -EFAULTS. Suka, you were getting these too last week, so I recommend doing

```
echo 0 > /proc/sys/kernel/randomize_va_space
```

on startup.

-serge

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