Subject: Re: restarting tests/sleep
Posted by Dave Hansen on Mon, 09 Jun 2008 16:32:28 GMT

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.

-- Dave

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

Subject: Re: restarting tests/sleep
Posted by serue on Mon, 09 Jun 2008 18:19:12 GMT

Quoting Dave Hansen (dave@linux.vnet.ibm.com):
> On Mon, 2008-06-09 at 11:23 -0500, Serge E. Hallyn wrote:
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> 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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