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Subject: IPC NS tests ?

Posted by [Sukadev Bhattiprolu](#) on Thu, 12 Apr 2007 06:05:19 GMT

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Kirill,

We are working on getting a few UTS namespace tests included in Linux Testsuite Project (LTP) and were wondering if you (or anyone else) had any test cases for IPC namespace.

If there are tests for IPC NS, can you share those tests with us ?  
And, do you have any plans to push the tests into LTP ? If you plan to push them into LTP, pls let us know if you need help.

Suka

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Containers mailing list

[Containers@lists.linux-foundation.org](mailto:Containers@lists.linux-foundation.org)

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

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Subject: Re: IPC NS tests ?

Posted by [dev](#) on Thu, 12 Apr 2007 14:25:46 GMT

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> Kirill,

>

> We are working on getting a few UTS namespace tests included in Linux  
> Testsuite Project (LTP) and were wondering if you (or anyone else) had  
> any test cases for IPC namespace.

>

> If there are tests for IPC NS, can you share those tests with us ?  
> And, do you have any plans to push the tests into LTP ? If you plan  
> to push them into LTP, pls let us know if you need help.

We do not test UTS/IPC NS directly.

Instead we run LTP tests inside host and inside guest and make sure all IPC tests are passing.

So I guess LTP test should check only that unsharing works and people who need to test containers will run LTP then inside it.

i.e. I propose not to make LTP check functionality of IPC inside NS.  
Only interfaces.

Thanks,  
Kirill

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Subject: Re: IPC NS tests ?  
Posted by [serue](#) on Thu, 12 Apr 2007 15:28:38 GMT  
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Quoting Kirill Korotaev (dev@sw.ru):

> > Kirill,  
> >  
> > We are working on getting a few UTS namespace tests included in Linux  
> > Testsuite Project (LTP) and were wondering if you (or anyone else) had  
> > any test cases for IPC namespace.  
> >  
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> > And, do you have any plans to push the tests into LTP ? If you plan  
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>  
> We do not test UTS/IPC NS directly.  
> Instead we run LTP tests inside host and inside guest and make sure all  
> IPC tests are passing.  
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> So I guess LTP test should check only that unsharing works and people  
> who need to test containers will run LTP then inside it.  
>  
> i.e. I propose not to make LTP check functionality of IPC inside NS.  
> Only interfaces.

So long as 'only interfaces' includes checks that, for example,  
processes in different ipc namespaces see different objects by the same  
names.

As far as I know such tests don't yet exist. They should be written  
and added to LTP.

-serge

---

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Subject: Re: IPC NS tests ?  
Posted by [dev](#) on Thu, 12 Apr 2007 16:12:31 GMT

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Serge E. Hallyn wrote:

> Quoting Kirill Korotaev (dev@sw.ru):

>

>>>Kirill,

>>>

>>>We are working on getting a few UTS namespace tests included in Linux

>>>Testsuite Project (LTP) and were wondering if you (or anyone else) had

>>>any test cases for IPC namespace.

>>>

>>>If there are tests for IPC NS, can you share those tests with us ?

>>>And, do you have any plans to push the tests into LTP ? If you plan

>>>to push them into LTP, pls let us know if you need help.

>>

>>We do not test UTS/IPC NS directly.

>>Instead we run LTP tests inside host and inside guest and make sure all

>>IPC tests are passing.

>>

>>So I guess LTP test should check only that unsharing works and people

>>who need to test containers will run LTP then inside it.

>>

>>i.e. I propose not to make LTP check functionality of IPC inside NS.

>>Only interfaces.

>

>

> So long as 'only interfaces' includes checks that, for example,

> processes in different ipc namespaces see different objects by the same

> names.

>

> As far as I know such tests don't yet exist. They should be written

> and added to LTP.

Agree.

Kirill

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