
Subject: Re: LTP result output for container-init
Posted by [Pavel Emelianov](#) on Thu, 24 Jan 2008 09:59:01 GMT
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Rishikesh K. Rajak wrote:

> Hi All,
>
> Today i ran full LTP on kernel 2.6.24-rc6 inside container-init and also
> on parent namespace and got some observations.
>
> Here is the machine information:
> Linux rishi.in.ibm.com 2.6.18-53.el5 #1 SMP Wed Oct 10 16:34:02 EDT
> 2007 i686 i686 i386 GNU/Linux
>
> OS: SLES 10
>
> I found these fcntl are failing inside container and it pass on parent
> namespace. I am attaching the log file with this mail.
>
> These failures are conceding with 2.6.23-mm1 itself. Just wanted to know
> if someone is working on this still.
>
> fcntl11 FAIL
> fcntl14 FAIL
> fcntl17 FAIL
> fcntl19 FAIL
> fcntl20 FAIL
> fcntl21 FAIL

As I already said, these are fixed in -mm tree with the
pid-namespaces-vs-locks-interaction.patch patch.

> And also other observation was:
>
> syslog is failing inside parent namespace but pass inside
> container-init.
>
> syslog01 FAIL
> 1
> syslog02 FAIL
> 1
> syslog08 FAIL
> 1

What really bothers me in this case is that in the "output"
file you attached I see

<<<test_output>>>

```

syslog08 0 INFO : Test all the facilities at a particular level.
syslog08 0 INFO : Facilities available are: LOG_KERN, LOG_USER, LOG_MAIL
syslog08 0 INFO : LOG_DAEMON, LOG_AUTH, LOG_LPR.
syslog08 0 INFO : Don't know how to send kernel messages from syslog()
syslog08 0 INFO : o Create seperate entries in config file for each facility.
syslog08 0 INFO : o Send the message and grep for the entry in log file.

syslog08 0 INFO : syslog: Testing all the facilities

syslog08 0 INFO : Doing facility: user...
syslog08 0 INFO : Restart /etc/init.d/syslog
syslog08 0 INFO : Facility user passed
syslog08 0 INFO : Doing facility: mail...
syslog08 0 INFO : Restart /etc/init.d/syslog
syslog08 0 INFO : Facility mail failed
syslog08 0 INFO : Doing facility: daemon...
syslog08 0 INFO : Restart /etc/init.d/syslog
syslog08 0 INFO : Facility daemon passed
syslog08 0 INFO : Doing facility: auth...
syslog08 0 INFO : Restart /etc/init.d/syslog
syslog08 0 INFO : Facility auth passed
syslog08 0 INFO : Doing facility: lpr...
syslog08 0 INFO : Restart /etc/init.d/syslog
syslog08 0 INFO : Facility lpr passed
syslog08 1 PASS : some facilities failed to work
syslog08 0 INFO : restart /etc/init.d/syslog

```

The says it passed, but the status is "some facilities failed to work" and the log file says that the test failed %)

I launched ltp on my box but the 01, 02 and 08 syslog tests passed... I have a CentOS 4 setup on this node, maybe this is a SuSE issue? Rishikesh, can you try this on another OS?

> Please let me know your opinion on this.

>

> Thanks

>

> Rishi

> IBM LTC

> Bangalore

>

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Subject: Re: LTP result output for container-init
Posted by [Rishikesh K Rajak](#) on Thu, 24 Jan 2008 12:35:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Pavel Emelyanov <xemul@openvz.org> wrote on 01/24/2008 03:29:01 PM:

> Rishikesh K. Rajak wrote:
> > Hi All,
> >
> > Today i ran full LTP on kernel 2.6.24-rc6 inside container-init and
> also
> > on parent namespace and got some observations.
>
> The says it passed, but the status is "some facilities failed to
> work" and the log file says that the test failed %)
>
> I launched ltp on my box but the 01, 02 and 08 syslog tests
> passed... I have a CentOS 4 setup on this node, maybe this
> is a SuSE issue? Rishikesh, can you try this on another OS?

Sure pavel let me try this. One more thing as these failures when i run LTP
on parent namespace as same you told like *some facilities failed to
work*, but it pass when i run LTP inside container,

Thanks

Rishi

>
> > Please let me know your opinion on this.
> >
> > Thanks
> >
> > Rishi
> > IBM LTC
> > Bangalore
> >
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Subject: Re: LTP result output for container-init
Posted by [Rishikesh K Rajak](#) on Mon, 28 Jan 2008 14:35:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Pavel,

Pavel Emelyanov <xemul@openvz.org> wrote on 01/24/2008 03:29:01 PM:

> Rishikesh K. Rajak wrote:
> > Hi All,
> >
> > Today i ran full LTP on kernel 2.6.24-rc6 inside container-init and
> > also
> > on parent namespace and got some observations.
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> > OS: SLES 10
> >
> > I found these fcntl are failing inside container and it pass on parent
> > namespace. I am attaching the log file with this mail.
> >
> > These failures are conceding with 2.6.23-mm1 itself. Just wanted to
> > know
> > if someone is working on this still.
> >

```
> > fcntl11          FAIL
> > fcntl14          FAIL
> > fcntl17          FAIL
> > fcntl19          FAIL
> > fcntl20          FAIL
> > fcntl21          FAIL
```

```
>
> As I already said, these are fixed in -mm tree with the
> pid-namespaces-vs-locks-interaction.patch patch.
```

```
>
> > And also other observation was:
> >
> > syslog is failing inside parent namespace but pass inside
> > container-init.
```

```
> >
> > syslog01          FAIL
> > 1
> > syslog02          FAIL
> > 1
> > syslog08          FAIL
> > 1
```

```
>
> What really bothers me in this case is that in the "output"
> file you attached I see
```

```
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> <<<test_output>>>
> syslog08 0 INFO : Test all the facilities at a particular level.
> syslog08 0 INFO : Facilities available are: LOG_KERN,
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> syslog08 0 INFO : LOG_DAEMON, LOG_AUTH, LOG_LPR.
> syslog08 0 INFO : Don't know how to send kernel messages from
syslog()
> syslog08 0 INFO : o Create seperate entries in config file
> for each facility.
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> in log file.
>
> syslog08 0 INFO : syslog: Testing all the facilities
>
> syslog08 0 INFO : Doing facility: user...
> syslog08 0 INFO : Restart /etc/init.d/syslog
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> syslog08 0 INFO : Doing facility: daemon...
> syslog08 0 INFO : Restart /etc/init.d/syslog
> syslog08 0 INFO : Facility daemon passed
```

```
> syslog08 0 INFO : Doing facility: auth...
> syslog08 0 INFO : Restart /etc/init.d/syslog
> syslog08 0 INFO : Facility auth passed
> syslog08 0 INFO : Doing facility: lpr...
> syslog08 0 INFO : Restart /etc/init.d/syslog
> syslog08 0 INFO : Facility lpr passed
> syslog08 1 PASS : some facilities failed to work
> syslog08 0 INFO : restart /etc/init.d/syslog
>
> The says it passed, but the status is "some facilities failed to
> work" and the log file says that the test failed %)
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> I launched ltp on my box but the 01, 02 and 08 syslog tests
> passed... I have a CentOS 4 setup on this node, maybe this
> is a SuSE issue? Rishikesh, can you try this on another OS?
```

No syslog failure with RHEL 5.1. It might be there could be problem with SuSE issue.

Thanks

Rishi

```
>
> > Please let me know your opinion on this.
> >
> > Thanks
> >
> > Rishi
> > IBM LTC
> > Bangalore
> >
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Containers@lists.linux-foundation.org

Subject: Re: LTP result output for container-init (failure with 2.6.24 kernel)

Posted by [Rishikesh K Rajak](#) on Tue, 29 Jan 2008 16:12:42 GMT

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Hi Pavel/Vitaliy,

Pavel Emelyanov <xemul@openvz.org> wrote on 01/24/2008 03:29:01 PM:

> Rishikesh K. Rajak wrote:

>> Hi All,

>>

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>> I found these fcntl are failing inside container and it pass on parent namespace. I am attaching the log file with this mail.

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>> These failures are conceding with 2.6.23-mm1 itself. Just wanted to know

>> if someone is working on this still.

>>

>> fcntl11 FAIL

>> fcntl14 FAIL

>> fcntl17 FAIL

>> fcntl19 FAIL

>> fcntl20 FAIL

>> fcntl21 FAIL

Today, I tested 2.6.24 kernel and ran LTP inside container, and found that the above failure is still existing.

These failures are not occuring when i run LTP in parent namespace.

>

> As I already said, these are fixed in -mm tree with the

> pid-namespaces-vs-locks-interaction.patch patch.

I verified, the above patch is still not applied with 2.6.24 kernel.

Parden me ! if i have missed some earlier mail thread.

But one good thing, no syslog failure :)

Thanks

Rishi

>

> > And also other observation was:

> >

> > syslog is failing inside parent namespace but pass inside

> > container-init.

> >

> > syslog01 FAIL

> > 1

> > syslog02 FAIL

> > 1

> > syslog08 FAIL

> > 1

>

> What really bothers me in this case is that in the "output"

> file you attached I see

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> <<<test_output>>>

> syslog08 0 INFO : Test all the facilities at a particular level.

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Subject: Re: LTP result output for container-init (failure with 2.6.24 kernel)
Posted by [serue](#) on Tue, 29 Jan 2008 17:43:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Quoting Rishikesh K Rajak (risrajak@in.ibm.com):
>
>

> Hi Pavel/Vitaliy,
>
> Pavel Emelyanov <xemul@openvz.org> wrote on 01/24/2008 03:29:01 PM:
>
>> Rishikesh K. Rajak wrote:
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>>> fcntl21 FAIL
>
> Today, I tested 2.6.24 kernel and ran LTP inside container, and found that
> the above failure is still existing.
> These failures are not occuring when i run LTP in parent namespace.

Vitaliy's fix is in 2.6.24-rc8-mm1, but not in 2.6.24.

thanks,
-serge

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