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Subject: nets: status of sysfs with netns

Posted by [Benjamin Thery](#) on Fri, 14 Mar 2008 15:38:18 GMT

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Eric, Pavel,

I haven't followed everything about the sysfs/netns issue recently and I think I have missed some of its recent developments in the past weeks. So I'm wondering what is the current status? Is anyone still working on it?

As several netns patches for IPv4 and IPv6 have already been merged in net-2.6.26, it would be great to have the sysfs part also to help people who want test netns.

Right now, it is a pain to boot and test a system with CONFIG\_SYSFS=n.

(I know the problem is not trivial and won't be easy to solve. I just want to be sure it is not forgotten)

Pavel, I've heard you sent (or have) a patch that prevents sysfs access from a "child" netns. A patch that can be a good workaround until we have the full thing ready. I can't find it in mailing lists archives, can you give some hints about where to find it? :)

Thanks a lot.

Benjamin

--

Benjamin Thery - BULL/DT/Open Software R&D

<http://www.bull.com>

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Containers mailing list

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

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Subject: Re: nets: status of sysfs with netns

Posted by [Pavel Emelianov](#) on Fri, 14 Mar 2008 15:44:49 GMT

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Benjamin Thery wrote:

> Eric, Pavel,

>

> I haven't followed everything about the sysfs/netns issue recently and I

> think I have missed some of its recent developments in the past weeks.

> So I'm wondering what is the current status? Is anyone still working on it?

I'm thinking on it, but have no graceful solution :( Sysfs is a big...  
no - HUUUUUUUUUUGE problem.

- > As several netns patches for IPv4 and IPv6 have already been merged in
- > net-2.6.26, it would be great to have the sysfs part also to help people
- > who want test netns.
- > Right now, it is a pain to boot and test a system with CONFIG\_SYSFS=n.
- >
- > (I know the problem is not trivial and won't be easy to solve. I just
- > want to be sure it is not forgotten)

It is (unfortunately) not.

- > Pavel, I've heard you sent (or have) a patch that prevents sysfs access
- > from a "child" netns. A patch that can be a good workaround until we
- > have the full thing ready. I can't find it in mailing lists archives,
- > can you give some hints about where to find it? :)

Hm. I haven't had plans to do such things actually.

- > Thanks a lot.
- >
- > Benjamin
- >

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Subject: Re: nets: status of sysfs with netns  
Posted by [Benjamin Thery](#) on Fri, 14 Mar 2008 15:54:07 GMT  
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Pavel Emelyanov wrote:

- > Benjamin Thery wrote:
- >> Eric, Pavel,
- >>
- >> I haven't followed everything about the sysfs/netns issue recently and I
- >> think I have missed some of its recent developments in the past weeks.
- >> So I'm wondering what is the current status? Is anyone still working on it?
- >
- > I'm thinking on it, but have no graceful solution :( Sysfs is a big...
- > no - HUUUUUUUUUUGE problem.

Agreed.

>> As several netns patches for IPv4 and IPv6 have already been merged in  
>> net-2.6.26, it would be great to have the sysfs part also to help people  
>> who want test netns.  
>> Right now, it is a pain to boot and test a system with CONFIG\_SYSFS=n.  
>>  
>> (I know the problem is not trivial and won't be easy to solve. I just  
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> It is (unfortunately) not.  
>  
>> Pavel, I've heard you sent (or have) a patch that prevents sysfs access  
>> from a "child" netns. A patch that can be a good workaround until we  
>> have the full thing ready. I can't find it in mailing lists archives,  
>> can you give some hints about where to find it? :)  
>  
> Hm. I haven't had plans to do such things actually.

Oh, that explains why I didn't find it :)  
I must have misunderstood what I heard...

>  
>> Thanks a lot.  
>>  
>> Benjamin  
>>  
>  
>  
>

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Benjamin Thery - BULL/DT/Open Software R&D

<http://www.bull.com>

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Subject: Re: nets: status of sysfs with netns  
Posted by [ebiederm](#) on Tue, 18 Mar 2008 17:01:23 GMT  
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Pavel Emelyanov <[xemul@openvz.org](mailto:xemul@openvz.org)> writes:

> Benjamin Thery wrote:  
>> Eric, Pavel,

>>  
>> I haven't followed everything about the sysfs/netns issue recently and I  
>> think I have missed some of its recent developments in the past weeks.  
>> So I'm wondering what is the current status? Is anyone still working on it?  
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>> Pavel, I've heard you sent (or have) a patch that prevents sysfs access  
>> from a "child" netns. A patch that can be a good workaround until we  
>> have the full thing ready. I can't find it in mailing lists archives,  
>> can you give some hints about where to find it? :)  
>  
> Hm. I haven't had plans to do such things actually.  
>  
>> Thanks a lot.

Sorry guys. I think my initial reply got lost.

Currently my approach was approved in code review. The only hold up seems to be time, and gregkh getting overloaded and dropping the patches, for the Nth time.

So I need to resend. I won't for a week or two because I am right in the middle of moving.

Sorry I thought I had replied to the earlier question of status with this but it seems that message got lost somewhere in the delivery process.

Eric

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Subject: Re: nets: status of sysfs with netns  
Posted by [Daniel Lezcano](#) on Fri, 11 Apr 2008 15:33:03 GMT  
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Eric W. Biederman wrote:

> Pavel Emelyanov <xemul@openvz.org> writes:

>

>> Benjamin They wrote:

>>> Eric, Pavel,

>>>

>>> I haven't followed everything about the sysfs/netns issue recently and I

>>> think I have missed some of its recent developments in the past weeks.

>>> So I'm wondering what is the current status? Is anyone still working on it?

>> I'm thinking on it, but have no graceful solution :( Sysfs is a big...

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>>> As several netns patches for IPv4 and IPv6 have already been merged in

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>>> who want test netns.

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>>>

>>> (I know the problem is not trivial and won't be easy to solve. I just

>>> want to be sure it is not forgotten)

>> It is (unfortunately) not.

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>>> Pavel, I've heard you sent (or have) a patch that prevents sysfs access

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>>> have the full thing ready. I can't find it in mailing lists archives,

>>> can you give some hints about where to find it? :)

>> Hm. I haven't had plans to do such things actually.

>>

>>> Thanks a lot.

>

> Sorry guys. I think my initial reply got lost.

>

> Currently my approach was approved in code review. The only hold up

> seems to be time, and gregkh getting overloaded and dropping the

> patches, for the Nth time.

Hi Eric,

I tried to look at your patchset but I was unable to find it. Do you have it somewhere available ? I was guessing I could play with it and by the way test it a little ;)

Thanks

-- Daniel

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RCS Nanterre 552 118 465

Forme Sociale : S.A.S.  
Capital Social : 542.737.118 ?  
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