Subject: Re: Network virtualization/isolation
Posted by Mishin Dmitry on Mon, 04 Dec 2006 17:02:48 GMT
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On Monday 04 December 2006 19:43, Herbert Poetzl wrote:
> On Mon, Dec 04, 2006 at 06:19:00PM +0300, Dmitry Mishin wrote:
> > On Sunday 03 December 2006 19:00, Eric W. Biederman wrote:
> > > Ok. Just a quick summary of where I see the discussion.
> > >
> > > We all agree that L2 isolation is needed at some point.
> >
> > As we all agreed on this, may be it is time to send patches
> > one-by-one? For the beggining, I propose to resend Cedric's
> > empty namespace patch as base for others - it is really empty,
> > but necessary in order to move further.
> >
> > After this patch and the following net namespace unshare
> > patch will be accepted,
>
> well, I have neither seen any performance tests showing
> that the following is true:
>
> - no change on network performance without the
>   space enabled
> - no change on network performance on the host
>   with the network namespaces enabled
> - no measureable overhead inside the network
>   namespace
> - good scaleability for a larger number of network
>   namespaces
These questions are for complete L2 implementation, not for these 2 empty
patches. If you need some data relating to Andrey's implementation, I'll get
it. Which test do you accept?

>
> > I could send network devices virtualization patches for
> > review and discussion.
>
> that won't hurt ...
>
> best,
> Herbert
>
> > What do you think?
> >
> > > The approaches discussed for L2 and L3 are sufficiently orthogonal
> > > that we can implement then in either order. You would need to
> > > unshare L3 to unshare L2, but if we think of them as two separate

> > > namespaces we are likely to be in better shape.
> > >
> > > The L3 discussion still has the problem that there has not been
> > > agreement on all of the semantics yet.
> > >
> > > More comments after I get some sleep.
> > >
> > > Eric
> > > -
> > > To unsubscribe from this list: send the line "unsubscribe netdev" in
> > > the body of a message to majordomo@vger.kernel.org
> > > More majordomo info at http://vger.kernel.org/majordomo-info.html
> >
> > --
> > Thanks,
> > Dmitry.
> > _____
> > Containers mailing list
> > Containers@lists.osdl.org
> > https://lists.osdl.org/mailman/listinfo/containers

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Thanks,
Dmitry.

_____
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