Subject: Re: [patch 0/1] [RFC][net namespace] veth ioctl management
Posted by Daniel Lezcano on Tue, 20 Feb 2007 09:43:55 GMT
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Eric W. Biederman wrote:
> Dmitry Mishin <dim@openvz.org> writes:
>
>
>> Fully agree. But as I can see, your code arises no more comments, than ours.
>> So, we need to find other ways. Do you have more ideas?
>
> Yes.
>
> To some extent we should probably compare notes and see which parts
> of the various implementations are good/bad.
>
> For the most part from what I could see at least when doing L2 level
> work the two patchsets touched roughly the same code in roughly the
> same ways the differences the big differences being in how complete
> one patchset one area or not. So while push/pop helped a little with
> the argument passing it was small enough it wasn't a big deal either
> way.
>
> The planetlab folks are busily evaluating and collecting some benchmarks
> numbers. Last I heard OpenVZ, vs mine, vs native were all pretty much
> a wash on bandwidth and latency. For cpu consumption OpenVZ and mine
> when multiple guests were running were worse by a small factor, cache
> effects was the guess. If those results hold and the costs of an L2
> namespace stays firmly in the noise it will be hard to justify any
> kind of L3 namespace.

Definitively, you are against L3 namespace :)

> My sysctl stuff has gone in, and I will have sysfs support as soon
> as the network sysfs support settles down. So there is some progress
> there.
>
> I suspect we won't have any real problems merging an tunnel device
> like etun or veth as long as we don't need the push/pop in the middle
> to make it work. I was thinking about that a little.
>
> I asked David Miller if he had looked at what I had posted and he
> replied that he had wanted to but he was swamped with bug fixes
> and sparc maintenance.
>
> So I expect what happened is that is the I posted too much code at
> once so it was hard to digest.

Yes.

> My current plan is:
> - kill the stupid irq migration bug on x86_64 (sucks way to much time)
> - finish up the sysctl and other network namespace helper support
> - discuss my network namespace patches and see what Dmitry and
> Daniel and any other interested parties think of them.

Ok for me, please send part by part patches, it will be more digest.

> - merge a tunnel device
> - post network namespace code in the smallest chunk I can stand
> and ask that it be included.

> Hopefully real working real working code that is ready to go
> will either get merged or there will be reasonable feedback
> on why it was not merged.

I agree.

> - Somewhere in there general maintenance, testing and completing
> of the network namespace code I have.

_____
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