
Subject: Re: [patch 0/1] [RFC][net namespace] veth ioctl management
Posted by [ebiederm](#) on Mon, 19 Feb 2007 20:01:21 GMT
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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.

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.

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.
- 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.

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

Eric

Containers mailing list
Containers@lists.osdl.org
<https://lists.osdl.org/mailman/listinfo/containers>
