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Subject: Re: [patch 0/1] [RFC][net namespace] veth ioctl management  
Posted by [ebiederm](#) on Mon, 19 Feb 2007 14:29:10 GMT  
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Daniel Lezcano <dlezcano@fr.ibm.com> writes:

- > The following patch is an upgrade proposition for the veth pass-through driver.
- > The temporary proc interface has been replaced by an ioctl. The device is
- > a misc device. The major number is 10 and the minor number is dynamically
- > allocated.
- > The minor number should to be retrieved from the /dev/misc

Ugh.

I don't think it's perfect but please take a look at the sysfs interface to my etun device. I think it is a little easier to work with.

- > The veth configuration is no more done in one shot and does not unshare anymore.
- > The veth creation is done after the network namespace has been unshared and
- > binded with the bind ns.
- > The ioctl takes the parent dev name, the child dev name and the child namespace
- > identifier.
- > The veth creation will fails if the namespaces relationship is not
- > parent->child.

Although with a lot of what you describe veth sounds decidedly less flexible than etun.

- > The set\_mac\_address callback is set, so the usual commands ip/ifconfig can be
- > used to
- > assign a mac address to the pair device.
- >
- > The patch header contains the source code for the userspace tool, vethctl.
- > The patch needs the lxc patchset for the bind namespace syscall.

Eric

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