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Subject: Re: [patch 2/6] [Network namespace] Network device sharing by view  
Posted by [Dave Hansen](#) on Tue, 27 Jun 2006 23:12:52 GMT

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On Wed, 2006-06-28 at 00:52 +0200, Herbert Poetzl wrote:

> seriously, what I think Eric meant was that it  
> might be nice (especially for migration purposes)  
> to keep the device namespace completely virtualized  
> and not just isolated ...

It might be nice, but it is probably unneeded for an initial implementation. In practice, a cluster doing checkpoint/restart/migration will already have a system in place for assigning unique IPs or other identifiers to each container. It could just as easily make sure to assign unique network device names to containers.

The issues really only come into play when you have an unstructured set of machines and you want to migrate between them without having prepared them with any kind of unique net device names beforehand.

It may look weird, but do application really \*need\* to see eth0 rather than eth858354?

-- Dave

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