Subject: Re: Network virtualization/isolation
Posted by ebiederm on Mon, 04 Dec 2006 16:58:04 GMT

Herbert Poetzl <herbert@13thfloor.at> writes:

> 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

Yes all important criteria for selecting the implementation.

Eric

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