

Re: Network stack cloning / virtualization patches

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2003-05/0074.html>

From: Marko Zec (zec_at_tel.fer.hr)

Date: 05/26/03

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To: Jordan K Hubbard <jkh@queasyweasel.com>

Jordan K Hubbard wrote:

> *On Sunday, May 25, 2003, at 05:18 PM, Marko Zec wrote:*

>

> > *So, I'd certainly like to virtualize more system resources and make
> > virtual images as independent from each other as possible, but they
> > will always
> > have to share the same kernel.*

>

> *That's actually what I was talking about – my comparison to what IBM's
> done may have been a bad example since, as you say, they've virtualized
> the hardware in true IBM (shades of VM) fashion. I think that's
> actually overkill for many usage scenarios since all you really want is
> the ability to run an "instance" of the OS which allows for all the
> user-visible configuration knobs to be changed and the appropriate
> user-visible resource limits to be enforced independently. Essentially
> a jail where it's literally impossible to tell that you're not the only
> "OS" on the machine or to affect a user or resource running on another
> instance.*

Btw. there is a commercial product out there that also seems to offer such a functionality, check <http://www.sw-soft.com/en/products/virtuozzo/>

Marko

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