Subject: Re: [PATCH 0/4] Fix the binary ipc and uts namespace sysctls.
Posted by Herbert Poetzl on Mon, 27 Nov 2006 20:22:11 GMT

On Sun, Nov 26, 2006 at 09:59:26PM -0700, Eric W. Biederman wrote:
>
> The binary interface to the namespace sysctls was never implemented
> resulting in some really weird things if you attempted to use
> sys_sysctl to read your hostname for example.
>
> This patch series simples the code a little and implements the binary
> sysctl interface.
>
> In testing this patch series I discovered that our 32bit compatibility
> for the binary sysctl interface is imperfect. In particular
> KERN_SHMMAX and KERN_SMMALL are size_t sized quantities and are
> returned as 8 bytes on to 32bit binaries using a x86_64 kernel.
> However this has existing for a long time so it is not a new
> regression with the namespace work.
>
> Gads the whole sysctl thing needs work before it stops being easy
> to shoot yourself in the foot.
>
> Looking forward a little bit we need a better way to handle sysctls
> and namespaces as our current technique will not work for the network
> namespace. I think something based on the current overlapping sysctl
> trees will work but the proc side needs to be redone before we can
> use it.

the linux banner needs some attention too, when I get
around, I'll send a patch for that ...

best,
Herbert

> Eric
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> _____
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