Subject: Re: Routing problems using SMP kernel
Posted by dev on Mon, 27 Aug 2007 14:56:23 GMT
View Forum Message <> Reply to Message

Steve,

Sure, SMP shouldn't affect your routing and it is very strange. I guess >90% of people
are running SMP kernels.

>From your report it is totally unclear what OVZ kernel version is (e.g. something like 028stab039)
and where this kernel was got from. Have you built it yourself?
Can you please provide a bit more details on what is working and what not?
Why have you decided that it is rounting to blame to?

Thanks,
Kirill

Steve Hodges wrote:
> After getting most of my problems solved I decided to move my test
> environment onto the production server.
>
> The server is a dual xeon which, with hyperthreading, appears (to Linux)
> to have 4 processors. So, when I built this machine I decided to use
> the ovzkernel-2.6.18-smp
>
> The rebuild caused me all sorts of routing problems which I have managed
> to track down to being caused by the kernel. I just replaced the kernel
> with ovzkernel-2.6.18
>
> aptitude install ovzkernel-2.6.18
> aptitude remove ovzkernel-2.6.18-smp
> shutdown -r now
>
> problem solvered!
>
> It seems pretty odd that the smp kernel sould cause this, but I really
> don't know what is different about that kernel.
>
> The symptoms were similar to the ones I had before I set the netmask of
> the venets correctly, but more extreme. Whereas the netmask issue
> seemed to cause packets to go out of the wrong interface, this problem
> seemed to stop packets getting out of the server at all.
>
> If there are any questions about the symptoms, I will be able to swap
> back to that kernel for the next day or so to test things out.
>
> What will the impact be of running the non-smp kernel on a
> multi-processir machine? Will I only effectively use a single processor?

>
> Steve