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Subject: Re: Debian - Odd, hopefully minor, machine name / prompt issue  
Posted by [opalsys](#) on Sat, 15 Sep 2007 08:31:21 GMT  
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Hi Jim

You simply write a mail to [submit@bugs.debian.org](mailto:submit@bugs.debian.org)  
In the beggining of the mail, before anything else, you write:

Package: kernel-patch-openvz  
Severity: important

And then you describe the fault. It is as simple as that. :)

On Fri, Sep 14, 2007 at 05:25:43PM -0400, Jim Archer wrote:

> Hi Ola...

>

> As embarrassing as this is, I have to admit that I can't figure out how to  
> open a bug report using the link provided below. That's why the report is

See above.

> not filed yet. Also, I experienced a kernel panic with this kernel.

Not good. Please file a separate bug about that. I would like to know what  
you did when the kernel crashed, so I can debug the problem further.

> Another engineer restarted the system, but because he was accessing via an  
> IPMI card (so no text console) he was unable to copy out the associated  
> information from the kernel. If there is something I can get you from the  
> machine, I'll be happy to do so.

That would be good.

> Also, another person I know knows how to open Debian bug reports, but he  
> won't be available until after the Jewish holiday. As soon as I can talk  
> with him I'll open the bug.

With the above explanation I assume that you can write one on your own. :)

In the meantime I have looked through the VZ patch and have not found  
anything obvious that explains your hostname problem. It seems like all the  
places where `system_utsname` has really been replaced with `utsname()` and  
the `utsname()` function is identical with the original vz patch.

So it is likely something else. However the patch is huge so I may have  
made a couple of mistakes.

Best regards,

// Ola

>  
>  
>  
>  
> --On Thursday, September 13, 2007 9:19 AM +0200 Ola Lundqvist  
> <ola@opalsys.net> wrote:  
>  
> >Hi  
> >  
> >kernel-patch-openvz  
> >  
> >Best regards,  
> >  
> >// Ola  
> >  
> >On Thu, Sep 13, 2007 at 02:12:19AM -0400, Jim Archer wrote:  
> >>Thanks very much Ola. What package do you want the bug reported against?  
> >>  
> >>  
> >>--On Thursday, September 13, 2007 7:07 AM +0200 Ola Lundqvist  
> >><ola@opalsys.net> wrote:  
> >>  
> >>> Hi Jim  
> >>>  
> >>> That depends on what you have on the system. In some cases the  
> >>> configuration is dependent on the hostname. For example exim can get a  
> >>> bit confused if the hostname is not the correct one.  
> >>>  
> >>> I will start to look on this bug asap. As Kir said something must have  
> >>> become wrong when the patchset was merged to Debian.  
> >>>  
> >>> Best regards,  
> >>>  
> >>> // Ola  
> >>>  
> >>> On Wed, Sep 12, 2007 at 04:59:33PM -0400, Jim Archer wrote:  
> >>>> Okay, I'll file the bug report tonight. Is there a reason I should  
> >>>> stop using this kernel, or is this a minor issue?  
> >>>>  
> >>>> --On Thursday, September 13, 2007 12:55 AM +0400 Kir Kolyshkin  
> >>>> <kir@openvz.org> wrote:  
> >>>>  
> >>>>> Thanks for reporting. Apparently when porting OpenVZ patchset to  
> >>>>> debian kernel utsname() virtualization got screwed... I suggest you

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> >>>> to file a bug to http://bugs.debian.org/, and I have added Debian
> >>>> maintainer of OpenVZ packages to cc.
> >>>>
> >>>> Jim Archer wrote:
> >>>> When logged into the main system:
> >>>>
> >>>> vps5000:~# hostname
> >>>> vps5000.regtek.com
> >>>> vps5000:~# vzlist
> >>>>  VEID   NPROC STATUS IP_ADDR   HOSTNAME
> >>>>  102    13 running 72.46.65.30  nsp4.registrationtek.com
> >>>>  104    21 running 72.46.65.47
> >>>>  mail5.registrationtek.com 105    22 running 72.46.65.48
> >>>>  whois.registrationtek.com 106    4 running 72.46.65.54
> >>>>  gz.registrationtek.com 107    7 running 72.46.65.34
> >>>>  squid.registrationtek.com 1000    4 running 72.46.67.2
> >>>>  vps1000.regtek.com 1001    39 running 72.46.67.3
> >>>>  vps1002.registrationtek.com 1002    29 running 72.46.67.7
> >>>>  tocco.regtek.com 1003    23 running 72.46.67.8
> >>>>  firstclass.regtek.com 5000    4 running 72.46.65.254
> >>>>  vps5000.regtek.com
> >>>> vps5000:~# vzctl enter 102
> >>>> entered into VE 102
> >>>> vps5000:/# hostname
> >>>> vps5000.regtek.com
> >>>> vps5000:/# exit
> >>>> logout
> >>>> exited from VE 102
> >>>> vps5000:~# vzctl enter 104
> >>>> entered into VE 104
> >>>> vps5000:/# hostname
> >>>> vps5000.regtek.com
> >>>> vps5000:/# exit
> >>>> logout
> >>>> exited from VE 104
> >>>> vps5000:~# vzctl enter 1003
> >>>> entered into VE 1003
> >>>> vps5000:/# hostname
> >>>> vps5000.regtek.com
> >>>> vps5000:/# exit
> >>>> logout
> >>>> exited from VE 1003
> >>>> vps5000:~#
> >>>>
> >>>>
> >>>>
> >>>>
> >>>> --On Wednesday, September 12, 2007 1:30 PM +0400 Kir Kolyskin

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> >>>>> <kir@openvz.org> wrote:
> >>>>>
> >>>>>> Jim,
> >>>>>>
> >>>>>> Can you run hostname on the host system and inside a couple of VEs?
> >>>>>> Do they show the same or different hostnames?
> >>>>>>
> >>>>>> Jim Archer wrote:
> >>>>>>> Hi All...
> >>>>>>>
> >>>>>>> I just upgraded the kernel on my machine from:
> >>>>>>>
> >>>>>>> actual:/home/jim/openvz/kernels# uname -a
> >>>>>>> Linux actual.registrationtek.com 2.6.18-openvz-12-1etch1-amd64 #1
> >>>>>>> SMP Fri May 4 23:37:24 MSD 2007 x86_64 GNU/Linux
> >>>>>>>
> >>>>>>> To:
> >>>>>>>
> >>>>>>> vps5000:~# uname -a
> >>>>>>> Linux vps5000.regtek.com 2.6.18-openvz-13-39.1d1-amd64 #1 SMP Mon
> >>>>>>> Sep 3 10:11:00 MSD 2007 x86_64 GNU/Linux
> >>>>>>>
> >>>>>>>
> >>>>>>> I did this because I have been having a memory consumption problem
> >>>>>>> with Exim4 I was hoping to resolve. I had been told that the
> >>>>>>> Exim4 memory issue was a known issue and was fixed in later
> >>>>>>> kernels.
> >>>>>>>
> >>>>>>> Anyhow, I installed the new kernel using dpkg -i and it seems to
> >>>>>>> install fine, with no warnings or errors. It boots and runs fine,
> >>>>>>> even iSCSI. But, the odd issue is that the machine name in the
> >>>>>>> prompt is wrong. As you can see from above, it went from:
> >>>>>>>
> >>>>>>> actual#
> >>>>>>>
> >>>>>>> To:
> >>>>>>>
> >>>>>>> vps5000#
> >>>>>>>
> >>>>>>> The name of the machine in /etc/hostname is actual and vps5000 is
> >>>>>>> the highest number vps I have. Is this a serious issue or can I
> >>>>>>> safely ignore it?
> >>>>>>>
> >>>>>>> Thanks...
> >>>>>>>
> >>>>>>> Jim
> >>>>>>>
> >>> --

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> >>> --- Ola Lundqvist systemkonsult --- M Sc in IT Engineering ----
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> >>>| opal@debian.org           654 65 KARLSTAD          |
> >>>| http://opalsys.net/       Mobile: +46 (0)70-332 1551 |
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