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Subject: bug or feature?: ps -el on HN shows all processes, incl. those of VEs  
Posted by [U.Mutlu](#) on Fri, 04 Nov 2011 09:48:14 GMT

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"ps -el" (and also "ps aux" etc.) on the HN shows all processes,  
incl. those of VEs.

Is there a way to show, on the HN, only the processes of the HN itself,  
excluding the processes of the VEs?

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Subject: Re: bug or feature?: ps -el on HN shows all processes, incl. those of VEs  
Posted by [MailingListe](#) on Mon, 07 Nov 2011 09:35:02 GMT

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Zitat von "U.Mutlu" <for-gmane@mutluit.com>:

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This is as far as i know by design. The HN is the Hypervisor and must  
have a global view what is going on the machine. That's why it is  
advised to not use any other services beside openvz on the HN.

Regards

Andreas

### File Attachments

1) [smime.p7s](#), downloaded 443 times

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Subject: Re: bug or feature?: ps -el on HN shows all processes, incl. those of VEs  
Posted by [Kirill Korotaev](#) on Mon, 07 Nov 2011 10:00:13 GMT

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[http://wiki.openvz.org/Processes\\_scope\\_and\\_visibility](http://wiki.openvz.org/Processes_scope_and_visibility)

Plus, as far as I remember there was a patch somewhere on [download.openvz.org](http://download.openvz.org) or `sysctl` which  
allows to hide non-root processes from root VE.

On Nov 7, 2011, at 13:35 , <lst\_hoe02@kwsoft.de> <lst\_hoe02@kwsoft.de> wrote:

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>  
> Andreas  
>  
>  
>  
> <smime.p7s><ATT00001.c>

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Subject: Re: bug or feature?: ps -el on HN shows all processes, incl. those of VEs  
Posted by [mator](#) on Mon, 07 Nov 2011 10:58:37 GMT  
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On Mon, Nov 7, 2011 at 2:00 PM, Kirill Korotaev <dev@parallels.com> wrote:  
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I know I'm a bit offtopic here, but taking in example solaris 10 with  
it's zones, it's possible to supply  
ps with "-Z" command , which will say what zone/container process  
belongs to. Would be nice,  
to somehow label container processes with container ID in kernel and  
have userland (ps for example, or any other tool)  
to be able to show this label.

Thanks.

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Subject: Re: bug or feature?: ps -el on HN shows all processes, incl. those of VEs  
Posted by [Kirill Korotaev](#) on Mon, 07 Nov 2011 11:17:16 GMT

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On Nov 7, 2011, at 14:58 , Anatoly Pugachev wrote:

> On Mon, Nov 7, 2011 at 2:00 PM, Kirill Korotaev <dev@parallels.com> wrote:

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> belongs to. Would be nice,

> to somehow label container processes with container ID in kernel and

> have userland (ps for example, or any other tool)

> to be able to show this label.

There are tools vzps and vztop which does that.

vzps ax -E <VEID>

will show tasks from specified VE only (and for -E 0 it will show host system tasks only filtering out containers).

Thanks,

Kirill

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