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Subject: New features suggestion

Posted by [dwebwarm](#) on Wed, 31 May 2006 14:18:17 GMT

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Hi @ll,

I was thinking about some kind of kernel/userspace extension to the OpenVZ project. Actually the full list of processes on the hostnode is a bit disturbing and could lead to some bad things like killing a VPS process by accident. It's almost the same with netstat - now we see all open ports from the hostnode and the VPSes in the same list. To avoid such situations I suggest the following:

1. To patch the kernel in order to have the possibility to filter easy hostnode's and VPS'es processes.
2. To patch some userspace programs, just to list the VPS related stuff.

To be clear I'll give the following example with netstat. The program will still list the port stats, but only from the hostnode. A new program, called vnetstat will list the ports, that are handled by the VPSes. In the mean time a new column can show the VPS ID too, just to have the possibility to easy find the corresponding server. The same idea can be used for ps too.

Actually there is no need to separate the things in different programs.

Let's say we'll patch the main program and include the VPS ID column in it.

What do you thing about this? Any comments and suggestions are appreciated!

Best regards,  
Martin Dobrev

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Subject: Re: New features suggestion

Posted by [dim](#) on Thu, 01 Jun 2006 08:41:26 GMT

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On Wednesday 31 May 2006 18:18, Martin Dobrev wrote:

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>

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> What do you thing about this? Any comments and suggestions are appreciated!  
There was similar development some time ago, check  
<http://download.openvz.org/contrib/>  
It will be great, if you'll port it to current procps version. After that,  
we'll include it to standard OpenVZ package set, as well, as proposed  
vnetstat.

>  
> Best regards,  
> Martin Dobrev  
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Thanks,  
Dmitry.

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Subject: Re: New features suggestion  
Posted by [dev](#) on Thu, 01 Jun 2006 09:06:18 GMT  
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>>What do you thing about this? Any comments and suggestions are appreciated!  
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> It will be great, if you'll port it to current procps version. After that,  
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> vnetstat.

I will briefly add what this package do:  
it adds -E option to both ps and top utils.  
when -E is given it starts to print VEID column.  
If number is given after -E options, then only processes for this VE are  
filtered/shown.  
This is rather outdated, so would be nice to update this package...

Thanks,  
Kirill

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Subject: Re: New features suggestion  
Posted by [dev](#) on Fri, 02 Jun 2006 10:50:58 GMT  
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BTW, I also uploaded a couple of useful tools to <http://download.openvz.org/contrib/utils/> which allow to use fair CPU scheduler or UBC separately from virtualization. For example, it is possible to limit users.

Would be nice, if someone took a look and cleanup these tools.

Kirill

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