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

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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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
--
Thanks,
Dmitry.

Subject: Re: New features suggestion
Posted by dev on Thu, 01 Jun 2006 09:06:18 GMT
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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This is rather outdated, so would be nice to update this package...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

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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