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Subject: vldump - backup utility to make consistent snapshots

Posted by [dietmar](#) on Mon, 19 Mar 2007 11:36:42 GMT

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Hi all,

vldump is an utility to make consistent snapshots of running OpenVZ VEs. It basically creates a tar archive of the VE private area, which also includes the VE configuration files.

There are several ways to provide consistency:

stop the VE during backup (very long downtime)  
use rsync and suspend/resume (minimal downtime).  
use LVM2 (no downtime)

vldump is available at

[http://www.proxmox.com/cms\\_proxmox/en/technology/oss-software/openvz/](http://www.proxmox.com/cms_proxmox/en/technology/oss-software/openvz/)

License: GPL

Please read the manual page for more information (man vldump). Suggestions and comments are welcome.

Best regards,

Dietmar

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Dietmar Maurer      Proxmox Server Solutions GmbH  
                                 CTO

dietmar@proxmox.com      <http://www.proxmox.com>  
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Subject: Re: vldump - backup utility to make consistent snapshots

Posted by [kir](#) on Mon, 19 Mar 2007 13:53:52 GMT

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Looks really great, thanks! Can I put it to  
[download.openvz.org/contrib/](http://download.openvz.org/contrib/)? I am also interested in putting your template.

From the quick review (no testing yet) I see the following really nice things:

- \* LVM2 support
- \* a man page
- \* the fact that you honour both /etc/vz/vz.conf and /etc/vz/conf/\$VEID.conf

\* rpm/deb packages

### Problems:

\* in fact the only problem I see is that the source tarball does not contain the top-level directory (usually \$NAME-\$VERSION/), so if you untar it all the files are extracted to the current directory which is not good.

\* perhaps having a .spec file for rpm will be better than using alien to build rpm. I can mock up one if needed.

Dietmar Maurer wrote:

> Hi all,

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> `vzdump` is an utility to make consistent snapshots of running OpenVZ VEs. It

- > basically creates a tar archive of the VE private area, which also includes

> the VE configuration files.

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- > There are several ways to provide consistency:

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- > stop the VE during backup (very long downtime)

- > use rsync and suspend/resume (minimal downtime).

- > use LVM2 (no downtime)

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> vzdump is available at

> [http://www.proxmox.com/cms\\_proxmox/en/technology/oss-software/openvz/](http://www.proxmox.com/cms_proxmox/en/technology/oss-software/openvz/)

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> License: GPL

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> Please read the manual page for more information (man vzdump). Suggestions

> and comments are welcome.

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> Best regards,

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> Dietmar

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$\geq$  \_\_\_\_\_

> Dietmar Maurer      Proxmox Server Solutions GmbH

CTO

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> dietmar@proxmox.com      <http://www.proxmox.com>

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Subject: AW: vzdump - backup utility to make consistent snapshots

Posted by [dietmar](#) on Mon, 19 Mar 2007 14:35:38 GMT

> Looks really great, thanks! Can I put it to  
> download.openvz.org/contrib/? I am also interested in putting  
> your template.

That would be great - feel free to upload the files. We can also contribute installation howtos on the wiki if you want.

>  
> From the quick review (no testing yet) I see the following  
> really nice  
> things:  
> \* LVM2 support  
> \* a man page  
> \* the fact that you honour both /etc/vz/vz.conf and  
> /etc/vz/conf/\$VEID.conf  
> \* rpm/deb packages  
>  
> Problems:  
> \* in fact the only problem I see is that the source tarball  
> does not contain the top-level directory (usually  
> \$NAME-\$VERSION/), so if you untar it all the files are  
> extracted to the current directory which is not good.

I will fix that tomorrow.

> \* perhaps having a .spec file for rpm will be better than  
> using alien to build rpm. I can mock up one if needed.

Unfortunately I live in a debian world and do not know much about rpm. It would be great if you create a .spec file for me (and some hints howto create the rpm).

- Dietmar

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