Subject: Cloning and permissions
Posted by Peter Machell on Mon, 17 Dec 2007 12:40:56 GMT
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After cloning a Debian host, I found everything working except MySQL.

I had to chown its binaries, databases and log folder back to mysql
from root.

Is this normal and should I expect other permissions to have changed?
When copying the VZ does the ownership of files take on whatever
matches the UID on the host system?

regards,
Peter.

Subject: Re: Cloning and permissions
Posted by dev on Mon, 17 Dec 2007 14:12:03 GMT
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Peter,

It depends on what you mean by "cloning". What exact command/operations
you did?

BTW, do you mean OpenVZ or Virtuozzo?

Thanks,
Kirill

Peter Machell wrote:
> After cloning a Debian host, I found everything working except MySQL.
>
> I had to chown its binaries, databases and log folder back to mysql
> from root.
>
> Is this normal and should I expect other permissions to have changed?
> When copying the VZ does the ownership of files take on whatever
> matches the UID on the host system?
>
> regards,
> Peter.

Subject: Re: Cloning and permissions
Posted by Jean-Michel Caricand on Mon, 17 Dec 2007 14:44:34 GMT
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> After cloning a Debian host, I found everything working except MySQL.
>
> I had to chown its binaries, databases and log folder back to mysql
> from root.
>
> Is this normal and should I expect other permissions to have changed?
> When copying the VZ does the ownership of files take on whatever
> matches the UID on the host system?
>
> regards,
> Peter.
Hi Peter,

If you use rsync to copy your VE, you must add this option : --numeric-ids

Cheers.

--
Jean-Michel Caricand

E-mail: jean-michel.caricand@lifc.univ-fcomte.fr

Subject: Re: Cloning and permissions
Posted by Jean-Michel Caricand on Mon, 17 Dec 2007 14:51:11 GMT
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> Peter,
>
> It depends on what you mean by "cloning". What exact command/operations
> you did?
>
> BTW, do you mean OpenVZ or Virtuozzo?
>
> Thanks,
> Kirill
>
> Peter Machell wrote:

> > After cloning a Debian host, I found everything working except MySQL.
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> > matches the UID on the host system?
> >
> > regards,
> > Peter.
Hi Peter,

If you use rsync to copy your VE, you must add this option : --numeric-ids

Cheers.

--
Jean-Michel Caricand

E-mail: jean-michel.caricand@lifc.univ-fcomte.fr

Subject: Re: Cloning and permissions
Posted by Peter Machell on Mon, 17 Dec 2007 22:50:27 GMT
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On 18/12/2007, at 12:15 AM, Kirill Korotaev wrote:

> Peter,
>
> It depends on what you mean by "cloning". What exact command/
> operations
> you did?

vzctl stop xx
cp -R /vz/private/xx /vz/private/xxx
cp -R /etc/vz/conf/xx.conf /etc/vz/conf/xxx.conf
vzctl start xxx

> BTW, do you mean OpenVZ or Virtuozzo?

OpenVZ

regards,
Peter.

Subject: Re: Cloning and permissions
Posted by Gregor Mosheh on Mon, 17 Dec 2007 23:16:40 GMT
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Peter Machell wrote:
> vzctl stop xx
> cp -R /vz/private/xx /vz/private/xxx
> cp -R /etc/vz/conf/xx.conf /etc/vz/conf/xxx.conf
> vzctl start xxx

To have cp preserve permissions, use the -p flag.

I use tar instead of cp, for situation like this. Tar, unlike cp, is
smart enough to handle symbolic links, permissions, ownerships, and
sparse files. Use this age-old Unix Jedi trick:

mkdir /home/vz/private/2
cd /home/vz/private/1
tar cf - * | (cd ../2 ; tar xvf -)

--
Gregor Mosheh / Greg Allensworth
System Administrator, HostGIS cartographic development & hosting services
http://www.HostGIS.com/

"Remember that no one cares if you can back up,
only if you can restore." - AMANDA

Subject: Re: Cloning and permissions
Posted by Steve Wray on Tue, 18 Dec 2007 00:54:04 GMT
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Gregor Mosheh wrote:
> Peter Machell wrote:
>> vzctl stop xx
>> cp -R /vz/private/xx /vz/private/xxx
>> cp -R /etc/vz/conf/xx.conf /etc/vz/conf/xxx.conf
>> vzctl start xxx
>
> To have cp preserve permissions, use the -p flag.
>
> I use tar instead of cp, for situation like this. Tar, unlike cp, is

> smart enough to handle symbolic links, permissions, ownerships, and
> sparse files. Use this age-old Unix Jedi trick:
>
> mkdir /home/vz/private/2
> cd /home/vz/private/1
> tar cf - * | (cd ../2 ; tar xvf -)

That doesn't need a -p option? ie

'tar xpvf'

I tend to use 'tar --numeric-owner -cf' as well, just in case.

Subject: Re: Cloning and permissions
Posted by Gregor Mosheh on Tue, 18 Dec 2007 01:14:20 GMT
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Steve Wray wrote:
>> tar cf - * | (cd ../2 ; tar xvf -)
> That doesn't need a -p option? ie
> I tend to use 'tar --numeric-owner -cf' as well, just in case.

I've never used the -p flag but it's always preserved the numerics just
fine. That's Slackware and Fedora, probably others. Couldn't hurt to use
it, though.

--
Gregor Mosheh / Greg Allensworth
System Administrator, HostGIS cartographic development & hosting services
http://www.HostGIS.com/

"Remember that no one cares if you can back up,
only if you can restore." - AMANDA

Subject: Re: Cloning and permissions
Posted by Jean-Michel Caricand on Tue, 18 Dec 2007 07:14:54 GMT
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> On 18/12/2007, at 12:15 AM, Kirill Korotaev wrote:
> > Peter,
> >
> > It depends on what you mean by "cloning". What exact command/
> > operations
> > you did?

>
> vzctl stop xx
> cp -R /vz/private/xx /vz/private/xxx
> cp -R /etc/vz/conf/xx.conf /etc/vz/conf/xxx.conf
> vzctl start xxx
>
> > BTW, do you mean OpenVZ or Virtuozzo?
>
> OpenVZ
>
> regards,
> Peter.
Hi Peter,

I think rsync is the best solution to copy a VE :-)

Example :

rsync -av -numeric-ids /vz/private/101 /vz/private/102 (on the same host)

See :
http://forum.openvz.org/index.php?t=msg&goto=3164&

Cheers.

--
Jean-Michel Caricand

E-mail: jean-michel.caricand@lifc.univ-fcomte.fr

Subject: Re: Cloning and permissions
Posted by Peter Machell on Wed, 19 Dec 2007 10:13:53 GMT
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On 18/12/2007, at 5:14 PM, Jean-Michel Caricand wrote:
>
> Hi Peter,
>
> I think rsync is the best solution to copy a VE :-)
>
> Example :
>
> # rsync -av -numeric-ids /vz/private/101 /vz/private/102 (on the

> same host)

Thanks Jean-Michel that works a treat. You forgot a - though, for the record the right command (at least on Debian) is:

rsync -av --numeric-ids /vz/private/101 /vz/private/102

regards,
Peter.
