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Subject: post-start and stop scripts

Posted by [Jakob Goldbach](#) on Wed, 09 Jan 2008 10:55:43 GMT

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Hi,

I've seached the docs in vain on executing scripts on start or stop of the VE.

I'm doing a bind mount on the HN to the mounted VE  
(\$VZROOT/root/101/mnt/..) as described in  
[http://wiki.openvz.org/Mounting\\_filesystems](http://wiki.openvz.org/Mounting_filesystems).

I want to automate this during start and stop of the VE.

Ideally the start script should run after the VPS is mounted but before it is started. Likewise during stop - an umount after the VPS has stopped but before it is unmounted.

Is this possible ?

/Jakob

```
# vzctl start 222
Starting VPS ...
VPS is mounted
--> start hook here <---
Adding IP address(es): 172.16.4.9
Setting CPU units: 1000
Set hostname: test1
VPS start in progress...
```

```
# vzctl stop 222
Stopping VPS ...
VPS was stopped
--> stop hook here <--
VPS is unmounted
```

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Subject: Re: post-start and stop scripts

Posted by [Thorsten Schifferdeck](#) on Wed, 09 Jan 2008 12:04:44 GMT

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Hello Jakob,

please read the OpenVZ User Guide, at page 88 "OpenVZ Action Scripts".

Bye,  
Thorsten

Am Mi, 9.01.2008, 11:55, schrieb Jakob Goldbach:

> Hi,  
>  
> I've seached the docs in vain on executing scripts on start or stop of  
> the VE.  
>  
> I'm doing a bind mount on the HN to the mounted VE  
> (\$VZROOT/root/101/mnt/..) as described in  
> [http://wiki.openvz.org/Mounting\\_filesystems](http://wiki.openvz.org/Mounting_filesystems).  
>  
> I want to automate this during start and stop of the VE.  
>  
> Ideally the start script should run after the VPS is mounted but before  
> it is started. Likewise during stop - an umount after the VPS has  
> stopped but before it is umounted.  
>  
> Is this possible ?  
>  
> /Jakob  
>  
> # vzctl start 222  
> Starting VPS ...  
> VPS is mounted  
> --> start hook here <---  
> Adding IP address(es): 172.16.4.9  
> Setting CPU units: 1000  
> Set hostname: test1  
> VPS start in progress...  
>  
>  
> # vzctl stop 222  
> Stopping VPS ...  
> VPS was stopped  
> --> stop hook here <--  
> VPS is unmounted  
>  
>  
--

Thorsten Schifferdecker  
email [ts@sysys.org](mailto:ts@sysys.org)  
phone +49 (0) 911 50 63 69 82

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Subject: Re: post-start and stop scripts

Posted by [Jakob Goldbach](#) on Wed, 09 Jan 2008 20:09:48 GMT

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On Wed, 2008-01-09 at 13:07 +0100, Thorsten Schifferdecker wrote:

>  
> please read the OpenVZ User Guide, at page 88 "OpenVZ Action Scripts".  
>

Yes! - sorry for not seeing this on first read..

Bind mounting works fine during start, but umounting on stop fails.  
umount just boils down to a 'umount -v <mountpt>'.

See transcript and full mount/umount script below.

What am I missing here ?

I'm using 2.6.18-ovz-028stab051.1 (x86\_64) with vzctl version  
3.0.22-1dso1

/Jakob

```
HN:~# vzctl start 222
Starting VE ...
/bin/mount -v --bind /mnt/test /var/lib/vz/root/222/mnt/bindmpt
/mnt/test on /var/lib/vz/root/222/mnt/bindmpt type none (rw,bind)
VE is mounted
Adding IP address(es): 172.16.4.9
Setting CPU units: 1000
Configure meminfo: 35000
Set hostname: test1
VE start in progress...

HN:~# mount
[snip]
/mnt/test on /var/lib/vz/root/222/mnt/bindmpt type none (rw,bind)

HN:~# vzctl stop 222
Stopping VE ...
VE was stopped
/bin/umount -v /var/lib/vz/root/222/mnt/bindmpt
could not umount /var/lib/vz/root/222/mnt/bindmpt - trying /mnt/test
instead
umount: /mnt/test: not mounted
could not umount /var/lib/vz/root/222/mnt/bindmpt - trying /mnt/test
```

instead  
umount: /mnt/test: not mounted  
Error executing umount script /etc/vz/conf/222.umount

HN:~# vzlist -a  
VEID NPROC STATUS IP\_ADDR HOSTNAME  
222 - mounted 172.16.4.9 test1

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Subject: Re: post-start and stop scripts  
Posted by [Jakob Goldbach](#) on Wed, 09 Jan 2008 22:25:05 GMT  
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> Bind mounting works fine during start, but unmounting on stop fails.

I found the problem. The mountpoint in the VE got unmounted by Debians  
umountfs script during shutdown of the VE.

I didn't realize that a VE had permission to umount.

/Jakob

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Subject: Re: post-start and stop scripts  
Posted by [vaverin](#) on Thu, 10 Jan 2008 08:07:28 GMT  
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IMHO nothing strange: if the filesystems is visible inside VE it can be unmounted from inside VE  
too.

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Subject: Re: post-start and stop scripts  
Posted by [vaverin](#) on Thu, 10 Jan 2008 08:13:59 GMT  
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Probably following thread will be useful for You:  
[http://forum.openvz.org/index.php?t=msg&goto=15183&&srch=could+not+umount#msg\\_15183](http://forum.openvz.org/index.php?t=msg&goto=15183&&srch=could+not+umount#msg_15183)

it explains why we recommend to use "-n" option for mount commands inside ve.mount scripts  
and do not use ve.umount script at all.

thank you,  
Vasily Averin

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