
Subject: *SOLVED* Umount action script problem
Posted by [mcarreira](#) on Mon, 26 Feb 2007 23:29:54 GMT
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I am trying to automate the access from VE to another disk using the "mount --bind" process.
I created two action scripts like these:

```
#!/vz/sysconfig/vz-scripts/120.mount
#!/bin/bash
/bin/mount --bind /nova /vz/root/120/teste
exit $?
```

```
#!/vz/sysconfig/vz-scripts/120.umount
#!/bin/bash
/bin/umount /vz/root/120/teste
exit $?
```

and they worked like I was expecting except for a little annoying behaviour:
If I start and stop VE several times, the mountpoint /nova is also unmounted.
Better explaining:

If I do for the first time:

```
# vzctl start 120
# vzctl stop 120
```

and then:

```
# ls -l /nova
```

I can see that the content list of "/nova" is still there.
But if I repeat the operation the "ls -l" don't show anything. Is empty, although /proc/mounts shows me that /nova is still mounted.

Is this a vzctl bug, or am I doing something wrong?

Thanks,

M.C.

Subject: Re: Umount action script problem
Posted by [Vasily Tarasov](#) on Tue, 27 Feb 2007 08:49:01 GMT
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Hello,

Can you inform me, what kernel do you use?

Secondly, can you confirm this your phrase: "But if I repeat the operation the "ls -l" don't show

anything. Is empty, although /proc/mounts shows me that /nova is still mounted."
I suspect, that you meant /etc/mtab, not this file.

Thanks,
Vasily

Subject: Re: Umount action script problem
Posted by [mcarreira](#) on Fri, 02 Mar 2007 19:38:10 GMT
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I use Centos 4.4, and kernel from centos-4-default.
In fact, the file is /proc/mounts.
/etc/mtab not always is updated, so I rather trust /proc/mounts.
What I mean is that when I repeat the same operation using the script, the /nova is also unmounted unexpectedly (it doesn't happens the first time).

M.C.

Subject: Re: Umount action script problem
Posted by [seyko2](#) on Sun, 04 Mar 2007 08:08:35 GMT
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Hi! I'm a user. I meet this problem too. I use GENTOO.
My solution for this problem:

1) do not use symlinks to /proc/mounts in VE0 and VE
Contents of /etc/mtab in VE

```
simfs / auto rw,noatime 0 0
proc /proc proc rw 0 0
sysfs /sys sysfs rw,nosuid,nodev,noexec 0 0
tmpfs /dev tmpfs rw,nosuid 0 0
devpts /dev/pts devpts rw,nosuid,noexec 0 0
none /dev/shm tmpfs rw 0 0
```

2) all binds are unmounted automatically when VE stops

Problem is in contents of VE0 /etc/mtab -- openvz do not edit this one when unmounts. Then there is global umount script which do not perform any real unmount. It only removes lines from /etc/mtab

/etc/vz/vps.umount

```
#!/bin/bash
# after stoping VE but before unmounting root area
#!!! all mounted on /vz/root/${VEID} FS are unmounted automatically
#echo vps.umount begin VEID=${VEID}
# umount /vz/root/${VEID}/usr/portage
# umount /vz/root/${VEID}/usr/portage-distfiles
# umount /vz/root/${VEID}/usr/portage-overlays
sed -i -e "\|^.* /vz/root/${VEID}/.*.*|d" /etc/mtab
#echo vps.umount end
true
exit ${?}
```

Subject: Re: Umount action script problem
Posted by [Vasily Tarasov](#) on Mon, 05 Mar 2007 16:27:21 GMT
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It's really very strange, what you're saying. I checked it on my node with 2.6.18-ovz and 2.6.9-ovz kernels and no luck to reproduce the problem. I can look at it more precisely, if you give me an access to the node in question.

Vasily

Subject: Re: Umount action script problem
Posted by [seyko2](#) on Tue, 06 Mar 2007 15:40:42 GMT
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How do you test it? I think key point there may be a `_bind_` mount. Can you decribe `_your_` test? A we try to reproduce it on our equipment...

Subject: Re: Umount action script problem
Posted by [mcarreira](#) on Tue, 06 Mar 2007 23:23:05 GMT
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Thanks to Vasily precious help, the problem is corrected!
There are two critical points:
The script `/vz/sysconfig/vz-scripts/120.mount` must have the `"-n"` option, like:

```
#!/bin/bash
/bin/mount -n --bind /nova /vz/root/120/teste
exit $?
```

But the unmount script (`/vz/sysconfig/vz-scripts/120.umount`) **MUST_NOT_EXIST!**

I forgot that everything is unmounted during a shutdown.
Even with the "mount -n" option if the unmount script is used, we have problems after some more "start/stop".

M.Carreira
