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Subject: \*SOLVED\* mount --bind problem  
Posted by [ildar](#) on Wed, 16 Aug 2006 12:48:41 GMT  
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Hello,  
I've got a problem using mount --bind. I cannot see bind mounted folder from within VE.

How to reproduce:  
host# mount --bind /vps/v1/etc /vps/v1/mnt  
host# ls /vps/v1/mnt  
as expected, shows contents of /vps/v1/etc  
host# vzctl exec 1001 ls /mnt  
shows something different (cdrom floppy)  
v1# ls /mnt  
the same

Additional information:  
# vzctl exec 1001 cat /proc/mounts  
simfs / simfs rw 0 0  
proc /proc proc rw 0 0  
devpts /dev/pts devpts rw 0 0

Versions: vzctl-3.0.10-alt5, kernel-image-ovz-smp-2.6.16-alt4 (contains  
kernel-feat-core-openvz-026test015-alt1)

Any ideas?

Thanks.  
Ildar

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Subject: Re: mount --bind problem  
Posted by [Andrey Mirkin](#) on Wed, 16 Aug 2006 13:15:34 GMT  
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Was VPS in running state when you tried to do --bind mount?  
/vps/v1 is 'private' or 'root' VPS directory?

To do correct bind mount you need:  
1. Start VPS  
2. mount --bind /root\_VPS\_directory/etc /root\_VPS\_directory/mnt

Or you can add mounting/umounting to VEID.mount/.umount scripts and vzctl will mount/umount  
your directories on VPS start/stop.

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Subject: Re: mount --bind problem

Posted by [ildar](#) on Thu, 17 Aug 2006 03:58:26 GMT

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Quote:Was VPS in running state when you tried to do --bind mount?  
I tried both ways.

Quote:/vps/v1 is 'private' or 'root' VPS directory?  
Yes

Quote:To do correct bind mount you need:

1. Start VPS
2. mount --bind /root\_VPS\_directory/etc /root\_VPS\_directory/mnt

Or you can add mounting/umounting to VEID.mount/.umount scripts and vzctl will mount/umount your directories on VPS start/stop.  
I tried so.

Is there a way to debug this? What can we do?

Ildar.

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Subject: Re: mount --bind problem

Posted by [Andrey Mirkin](#) on Thu, 17 Aug 2006 06:54:25 GMT

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ildar wrote on Wed, 16 August 2006 23:58

Quote:/vps/v1 is 'private' or 'root' VPS directory?  
Yes

Yes what? Private or root?

Quote:

Is there a way to debug this? What can we do?

Can you give me an access to your node, so I can try to do this?

Please post here step-by-step (1. start VPS; 2. mount) console output. Also please post VPS config file (/etc/sysconfig/vz-scripts/VEID.conf) and global config file (/etc/sysconfig/vz).

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Subject: Re: mount --bind problem

Posted by [ildar](#) on Thu, 17 Aug 2006 07:24:48 GMT

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Quote:ildar wrote on Wed, 16 August 2006 23:58

Quote:Quote:/vps/v1 is 'private' or 'root' VPS directory?  
Yes

Yes what? Private or root?

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That's the answer. The root problem was - I didn't deeply understand, what the private and root is.

Thank you. The problem is solved.

Ildar.

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