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

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.

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.

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).

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?

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.
