Subject: can VPSes share same folder ?
Posted by ntenev on Thu, 05 Jan 2006 12:40:59 GMT
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Hi everyone,
is possible two (or more) VPS on same HOST to have access to same folder or files ? For example daemon from first VPS to writing something in a file and daemon from second to reading it ?

10x in advance

Subject: Re: can VPSes share same folder ?
Posted by kir on Sat, 07 Jan 2006 13:59:11 GMT
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You can use bind mount for that, i.e. mount the same directory on the host system into two VPSs. For example:

```
mkdir /var/something
# Make sure VPSs are mounted
vzctl mount 101
vzctl mount 102
# Now mount the directory to both root areas
mkdir -p /vz/root/101/var/something
mount -o bind /var/something /vz/root/101/var/something
mkdir -p /vz/root/102/var/something
mount -o bind /var/something /vz/root/102/var/something
```

In order to make this change permanent, you can use mount/umount scripts, so 'vzctl mount' (and 'vzctl start' as well, as it involves mount) will do that bind-mounting, and 'vzctl umount' (and 'vzctl stop') will umount that directory.

For more info about mount/umount scripts, see "OpenVZ Action Scripts" section (which is on page 88 as of now) in OpenVZ User's Guide (PDF, 1.3Mb).

For example, mount script can look like this:

```
#!/bin/bash
# Mount script to bind-mount /var/something into a VPS
. /etc/sysconfig/vz
. $VE_CONFFILE

mount -o bind /var/something $VE_ROOT/var/something
```

And the umount script can look like this:

```
#!/bin/bash
```

. /etc/sysconfig/vz
. $VE_CONFFILE

umount $VE_ROOT/var/something

Hope this helps.

Subject: Re: can VPSes share same folder ?
Posted by ntenev on Wed, 11 Jan 2006 13:05:49 GMT
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Yes, this helps exactly as I need ... very thanks !
