
Subject: fast shared storage between containers

Posted by [wodzpl](#) on Tue, 29 Oct 2013 16:21:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

hi,

I am quite new in OpenVZ world.

I am doing a research for specific usage scenario of OpenVZ.

For that I need very fast shared storage between VEs.

In my lab I am using dedicated server platform with 200Gb of ram.

CIFS/NFS from fileserver is not so fast and for extra array with many disks to share the load of 70 VEs read/write operations with many small files budget is tight.

Every VE needs to have r/w rights to that storage.

So I experimented with ramfs/tmpfs and mounting it by bind to VEs.

I need +40 GB ramdisk but every VE I would like to have with limited amount of PHYS_PAGES=3GB.

When I try with dd filling ramdisk with file grater than 4G oomkiller restores some resources and it's not accepted.

I've been experimenting with SHMPAGES and OOMGUARPAGES but without any luck.

First of all I would like to ask you experienced openVZ community is it possible what I am trying to get? [ramdisk 40GB shared over VEs and VEs with limited 3GB of ram]

Secondly maybe you have other ideas how to provide this sort of very fast shared storage.

I appreciate all your help.