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Subject: Re: Checkpoint/Backup of a container

Posted by [Martin Maurer](#) on Mon, 12 Jan 2009 07:09:34 GMT

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januszzz wrote on Sun, 11 January 2009 17:32Hmm, vzdump is cool, but what it really does? AFAIK it does rsync, then freez VE, rsyncs again, then resume.

vzdump has different modes. if you work with LVM snapshots you have no freeze and no downtime.

1. Stop the VE during backup (very long downtime)
2. Use rsync and suspend/resume (minimal downtime)
3. Use LVM2 (no downtime, online)

januszzz wrote on Sun, 11 January 2009 17:32So what if a database is running inside VE and it writes to the disk almost continuously during the backup operation ? can I be sure I'll launch the database in consistent state after restore of VE?

I guess I cannot. Still the database should be stopped or archived using its own tool. And this is difference to VMware snapshot, Virtualbox or KVM snapshot.

Am I right?

if you cannot live with a snapshot you need a backup software which is aware of the applications running. E.g. if you backup a microsoft active directory the backup software has to tell the microsoft server that there is a backup otherwise you can never restore.

most backup software vendors sells separate backup agents for this.

On Linux, doing backups with snapshots is working 99,9 % - thats my experience.

br, martin

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