Subject: [Solved] vzmigrate strange quota problem
Posted by piavlo on Wed, 26 Nov 2008 13:53:45 GMT
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Hi, Today i was migrating a VE to other HN and it's disk usage is ~3G while quota is 4G
projsrv3 ~ # vzquota show 103
vzquota : (warning) Quota is running, so data reported from quota file may not reflect current values

resource	usage	softlimit	hardlimit	grace
1k-blocks	3092244	4194304	5242880	
inodes	148954	900000	1000000	

I noticed that the rsync was taking too long, so i've looked at the destination HN logs and found:
Nov 26 14:06:13 localhost VZ QUOTA: disk softlimit exceeded for id=103
Nov 26 14:06:13 localhost VZ QUOTA: disk quota softlimit expired for id=103

I've checked with df -hx /vz/private/103 on destination HN, and it was ~3G as should. So i aborted the migration and started over again. This time i again did df -hx /vz/private/103 on destination HN and noticed
that after it reached ~3G , it stoped growing as should for servral seconds delay. Then suddenly it started to grow more up to 4G, then the sofquota was quota reached and disk usage dropped back to ~3G. And the vzmigrate was stuck again. With lsof on both HNs, i was that the rsync processes where both waiting on select, i.e a deadlock.

Besides the potential deadlock, do you have any idea why on earth did VE disk space grow more that ~3G?

After I've enlarged the softlimit quota to 5G , vzmigrated worked ok. And /vz/private/103 disk usage was ~3G as should.
Strange...

ker Version is 2.6.18-028stab056-r1 & vzctl 3.0.22