Subject: advice for quota file location
Posted by Roman Haefeli on Mon, 08 Oct 2012 08:20:09 GMT
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Hi all

We're running a Corosync/Pacemaker cluster with OpenVZ conainers as resources running on a mounted (by all nodes) NFS export.

>From what I can tell, there is no way to configure the path for the quota files, so we left them at their default location in /var/lib/vzquota. Of course, this means that every node has its own quota directory and for a specific CT, the quota is calculated separately on every node.
The problem is that when a specific node goes down (or gets fenced), the quota files on this node might get corrupted. When this happens and the node is started again, the cluster stack might try to start a container with that uses a corrupt quota file, which fails, so the cluster stack starts the container on a different node. The problem is that those corrupt quota files might stay undetected. As long as this is the case, a certain container might be not able to run on a certain node.

We thought about symlinking /var/lib/vzquota to the NFS mount, so that all nodes share the quota files. My question: Is there a reason that the path to quota files is not configurable? Is there a reason not to put the quota files on the share NFS mount?

Roman