

Ceph - Bug #676

inconsistent handling of g_conf.keyring

12/30/2010 10:32 AM - Colin McCabe

Status:	Resolved	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:			
Category:			
Target version:	v0.25		
Source:		Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	
Description			
<p>In some places we treat g_conf.keyring as a single string. In others, we treat it as a comma-separated array. Sometimes we expand tildes in the path; other times we don't.</p> <p>In my opinion, we should just handle g_conf.keyring like all other paths-- as a string. Making it a list seems confusing and unnecessary. If we are going to do shell expansion, we should use wordexp(2) rather than re-inventing the wheel.</p> <p>However, since many of our programs run with root permissions, I am not convinced that doing shell expansion is a good idea. It can cause subtle security holes. Also, most of the interesting environment variables like \$HOME should not be set when a daemon is running.</p> <p>I found this while reworking the qa/rbd.sh script. I am unable to set the keyring automatically because I don't know whether it's a string or a comma-separated list. Parsing comma-separated lists in bash will be painful too if we decide to go with that interpretation.</p>			

History

#1 - 01/03/2011 09:53 AM - Sage Weil

- Target version set to v0.25

#2 - 01/03/2011 10:55 AM - Sage Weil

- Status changed from New to Resolved