

rbd - Bug #4707

rbd CLI: bad error code masked by udevadm_settle

04/11/2013 07:14 AM - Alex Elder

Status:	Resolved	% Done:	0%
Priority:	Urgent	Spent time:	0.00 hour
Assignee:	Sage Weil		
Category:			
Target version:	v0.61 - Cuttlefish		
Source:	Development	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	
Description			
<p>I found that despite my attempt to map a v2 image the rbd CLI gave me an exit status of 0.</p> <p>Looking at the code, I see this at the end of do_kernel_add():</p> <pre>string add = oss.str(); r = safe_write(fd, add.c_str(), add.size()); close(fd); // let udevadm do its job before we return if (udevadm_settle) { r = system("/sbin/udevadm settle"); if (r) { if (r < 0) cerr << "rbd: error executing udevadm as shell command!" << std::endl; else cerr << "rbd: '/sbin/udevadm settle' failed! (" << r << ")" <<std::endl; return r; } }</pre> <p>So whatever was returned by the write to /sys/bus/rbd/add gets overwritten by the status of system("udevadm settle").</p> <p>That's no good.</p>			

History

#1 - 04/11/2013 07:16 AM - Alex Elder

It looks like the other places udevadm settle is called do not suffer from this problem.

#2 - 04/22/2013 11:27 AM - Ian Colle

- Priority changed from High to Urgent

- Target version set to v0.61 - Cuttlefish

Let's try to get this into Cuttlefish.

#3 - 04/22/2013 11:31 AM - Ian Colle

- Assignee set to Josh Durgin

#4 - 04/22/2013 11:39 AM - Sage Weil

- Status changed from New to In Progress

- Assignee changed from Josh Durgin to Sage Weil

#5 - 04/22/2013 11:41 AM - Sage Weil

- Status changed from In Progress to Resolved

commit:568101fa72e29ee960fcf3d704f04edfd50bd072