rgw - Bug #10837
radosgw segfaults when it cannot init a storage provider
02/11/2015 11:54 AM - Radoslaw Zarzynski

Status: Rejected
Priority: High
Assignee: 
Category: 
Target version: 
Source: other
Tags: 
Backport: 
Regression: No
Severity: 3 - minor

Description
When RADOS Gateway cannot perform RGWStoreManager::get_storage() successfully (which could be caused by eg. problem with authentication to the Ceph cluster), this method returns NULL. However, the failure isn't properly handled in main() and leads to segfault due to NULL pointer dereference.

2015-02-10 13:01:56.228254 7fe4a02407c0 0 ceph version 0.91-794-g13c79cf (13c79cfcf2177966c360ba0a431402a41ff876c9), process lt-radosgw, pid 13593
2015-02-10 13:01:56.240665 7fe4a02407c0 0 librados: client.radosgw.gateway authentication error (1) Operation not permitted
2015-02-10 13:01:56.241182 7fe4a02407c0 -1 Couldn't init storage provider (RADOS)
2015-02-10 13:01:56.244985 7fe4a02407c0 -1 *** Caught signal (Segmentation fault) **
in thread 7fe4a02407c0

ceph version 0.91-794-g13c79cf (13c79cfcf2177966c360ba0a431402a41ff876c9)
1: (ceph::BackTrace::BackTrace(int)+0x2d) [0xb8df75]
2: /home/worker/PROJECTS/ceph/src/.libs/lt-radosgw() [0xb8d66b]
3: (()+0x10340) [0x7fe49c8ff340]
4: (std::list<std::string, std::allocator<std::string> >::begin()+0x10) [0x9d2014]
5: (rgw_rest_init(CephContext*, RGWRegion*)+0x3bf) [0x9c91f0]
6: (main()+0x4e8) [0xa4d843]
7: (__libc_start_main()+0x4e8) [0x7fe49af76ec5]
8: /home/worker/PROJECTS/ceph/src/.libs/lt-radosgw() [0x9c6f69]

NOTE: a copy of the executable, or `objdump -rdS <executable>` is needed to interpret this.

History
#1 - 05/31/2015 06:02 PM - Loic Dachary
- Project changed from Ceph to rgw
- Category deleted (radosgw)
- Regression set to No

#2 - 06/16/2015 06:17 PM - Sage Weil
- Priority changed from Normal to High

#3 - 06/16/2015 06:18 PM - Sage Weil
- Status changed from New to Rejected

0.91 was a dev release.. is this still a problem on hammer or master?