## Ceph - Bug #10787

### mon: OSDMonitor::map_cache is buggy, send_incremental is not conservative

**02/06/2015 10:54 PM - Sage Weil**

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>Start date:</th>
<th>02/06/2015</th>
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<tr>
<td>Assignee:</td>
<td>Sage Weil</td>
<td>% Done:</td>
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<td>Backport:</td>
<td>giant, firefly</td>
<td>Affected Versions:</td>
<td>ceph-qa-suite:</td>
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<td>Severity:</td>
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### Description

2015-02-06 22:29:31.387753 7fed116df700 10 mon.peon5752@0(leader).osd e598595 preprocess_pgtemp osd_pgtemp(e598591

2015-02-06 22:29:31.387773 7fed116df700 7 mon.peon5752@0(leader).osd e598595 preprocess_pgtemp e598591 no changes from osd.807 [2607:f298:4:2243::5522]:6828/3810

2015-02-06 22:29:31.387779 7fed116df700 7 mon.peon5752@0(leader).osd e598595 _reply_map 598591 from osd.807 [2607:f298:4:2243::5522]:6828/3810

2015-02-06 22:29:31.387783 7fed116df700 5 mon.peon5752@0(leader).osd e598595 send_latest to osd.807 [2607:f298:4:2243::5522]:6828/3810 start 598591


2015-02-06 22:29:31.387792 7fed116df700 10 mon.peon5752@0(leader).osd e598595 osd.807 should have epoch <b>&gt;594144</b>&lt;/b>

2015-02-06 22:29:31.387794 7fed116df700 10 mon.peon5752@0(leader).osd e598595 build_incremental [594145..594245]

the passed-in first is &gt; (much &gt;) the cached map value.

we should maybe only use the cached value here if it is larger, update the map_cache while we are here so that we do have the best value for this osd...

### Associated revisions

**Revision 86d38351 - 02/07/2015 08:37 PM - Sage Weil**

mon/OSDMonitor: do not trust small values in osd epoch cache

If the epoch cache says the osd has epoch 100 and the osd is asking for epoch 200+, do not send it 100+.

Fixes: #10787

Backport: giant, firefly

Signed-off-by: Sage Weil &lt;sage@redhat.com&gt;

(cherry picked from commit 19fda32d4e414d3b73d449e5a1d9e465c1fd3a3b)
mon/OSDMonitor: do not trust small values in osd epoch cache

If the epoch cache says the osd has epoch 100 and the osd is asking for epoch 200+, do not send it 100+.

Fixes: #10787
Backport: giant, firefly
Signed-off-by: Sage Weil <sage@redhat.com>

(cherry picked from commit a5759e9b97107488a8508f36ad9ca1aba3fae07)
#4 - 03/19/2015 12:21 AM - Loic Dachary
- Backport changed from giant,firefly to giant,firefly

#5 - 03/26/2015 02:14 PM - Loic Dachary
92c352d mon/OSDMonitor: do not trust small values in osd epoch cache (in giant), 27dbbb3 mon/OSDMonitor: do not trust small values in osd epoch cache (in firefly),

#6 - 03/26/2015 02:14 PM - Loic Dachary
- Status changed from Pending Backport to Resolved