RADOS - Bug #40586
OSDs get killed by OOM due to a broken switch
06/29/2019 12:15 AM - xie xingguo

[Table]

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>% Done:</th>
<th>0%</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Spent time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Assignee:</td>
<td>xie xingguo</td>
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<tr>
<td>Category:</td>
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<tr>
<td>Target version:</td>
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<tr>
<td>Source:</td>
<td>Community (dev)</td>
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<td>Tags:</td>
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<td>Backport:</td>
<td>nautilus</td>
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<td>Reviewed:</td>
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**Affected Versions:**
- ceph-qa-suite:
- Component(RADOS): OSD
- Pull request ID: 28752

**Tags:**
- ceph-qa-suite:
- Component(RADOS): OSD

**Crash signature (v1):**

**Crash signature (v2):**

**Description**

Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136278] Node 1 Normal: 26515*4kB (UEM) 1226*8kB (UEM) 40*16kB (UEM) 84*32kB (EM) 9*64kB (E) 0*128kB 0*256kB 0*512kB 0*1024kB 0*2048kB 0*4096kB = 119772kB
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136291] Node 0 hugepages_total=0 hugepages_free=0 hugepages_surp=0 hugepages_size=1048576kB
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136293] Node 1 hugepages_total=0 hugepages_free=0 hugepages_surp=0 hugepages_size=1048576kB
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136298] 0 pages in swap cache
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136300] Swap cache stats: add 0, delete 0, find 0/0
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136301] Free swap = 0kB
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136302] Total swap = 0kB
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136306] 0 pages HighMem/MovableOnly
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136307] 397117 pages reserved
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136309] [ pid ] uid tgid total_vm rss nr_ptes swapents oom_score_adj name
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.136857] [1471476] 167 1471476 1205637 775120 1958 0 0 ceph-osd
Jun 11 04:19:26 host-192-168-9-12 kernel: [409881.137077] Out of memory: Kill process 1471476 (ceph-osd) score 47 or sacrifice child

There are a lot of blocked heartbeat messages on the OSD side:


**Related issues:**
Copied to RADOS - Backport #40625: nautilus: OSDs get killed by OOM due to a ...

**History**

#1 - 07/01/2019 09:17 PM - Greg Farnum
- Project changed from Ceph to RADOS
- Category deleted (OSD)
- Component(RADOS) OSD added

Is this something you're working on, Xie?

#2 - 07/02/2019 12:27 AM - xie xingguo

Greg Farnum wrote:
Is this something you're working on, Xie?

Ah, sorry, forgot to link the pr, should be all set now.

#3 - 07/02/2019 12:27 AM - xie xingguo
- Pull request ID set to 28752

#4 - 07/02/2019 09:54 AM - Kefu Chai
- Status changed from New to Pending Backport

#5 - 07/02/2019 08:29 PM - Nathan Cutler
- Copied to Backport #40625: nautilus: OSDs get killed by OOM due to a broken switch added

#6 - 08/14/2019 08:55 PM - Neha Ojha
- Status changed from Pending Backport to Resolved