

## Ceph - Bug #46574

### Cephfs with kernel client mtime stuck when multiple clients append to file

07/16/2020 01:55 PM - Jozef Kováč

<b>Status:</b> New	<b>% Done:</b> 0%
<b>Priority:</b> Normal	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b> v15.2.4	
<b>Source:</b>	<b>Reviewed:</b>
<b>Tags:</b>	<b>Affected Versions:</b> v15.2.3
<b>Backport:</b>	<b>ceph-qa-suite:</b>
<b>Regression:</b> No	<b>Pull request ID:</b>
<b>Severity:</b> 2 - major	<b>Crash signature:</b>
<b>Description</b>	
<p>File modification timestamp stop updating when multiple clients(from multiple nodes) append to file at same time or few seconds after each other.</p> <p>For example:</p> <pre>node1 =&gt; echo "test1" &gt;&gt; /mnt/ceph/mtime_test node2 =&gt; echo "test2" &gt;&gt; /mnt/ceph/mtime_test node1 =&gt; echo .... node2 =&gt; echo ....</pre> <p>node1 =&gt; watch stat /mnt/ceph/mtime_test # first 1-2 change and no change even after few minutes of waiting</p> <p>Timestamp start working again, when no client appending to file for 20-120s</p> <p>Sometimes mtime not updating even when only one client appending to file, but its rare.</p> <p>OS: Ubuntu 18.04.4, Ubuntu 20.04, fedora 32 Kernel: 5.4.0-40-generic, 4.15.0-108-generic,4.15.0-109-generic or even latest 5.7.7/5.7.8</p> <p>Ceph v15.2.3, v15.2.4, 14.2.10</p> <p>No problem except bad performance with ceph-fuse client.</p>	

#### History

##### #1 - 07/16/2020 02:02 PM - Jozef Kováč

Sometimes stuck for longer than 2 mins even 30 minutes after last append to file new append to file do not updating timestamp no matter how long waiting