**CephFS - Bug #40615**

**ceph-fuse: mount does not support the fallocate()**

07/02/2019 06:38 AM - huanwen ren

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>huanwen ren</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>v15.0.0</td>
</tr>
<tr>
<td>Source:</td>
<td>Community (dev)</td>
</tr>
<tr>
<td>Tags:</td>
<td></td>
</tr>
<tr>
<td>Backport:</td>
<td>nautilus,mimic</td>
</tr>
<tr>
<td>Regression:</td>
<td>No</td>
</tr>
<tr>
<td>Severity:</td>
<td>3 - minor</td>
</tr>
<tr>
<td>Reviewed:</td>
<td></td>
</tr>
<tr>
<td>Affected Versions:</td>
<td>v14.2.2</td>
</tr>
</tbody>
</table>

**Description**

ceph version: 14.2.1
fuse version: 2.9.2-6

err info:

```
tmpfs                6577748    0  6577748   0%  /run/user/0
ceph-fuse          2781802496 20508672 2761293824   1%  /mycephfs

[root@cephfs102 ~]# fallocate -l 10G /mycephfs/filedata
fallocate: /mycephfs/filedata: fallocate failed: Operation not supported
[root@cephfs102 ~]#
```

**Related issues:**

- Copied to CephFS - Backport #40841: mimic: ceph-fuse: mount does not support ...
- Copied to CephFS - Backport #40842: nautilus: ceph-fuse: mount does not suppo...

**History**

**#1 - 07/02/2019 07:12 AM - huanwen ren**

You can see that libfuse already supports the fallocate() function call in version 2.9, see [https://github.com/libfuse/libfuse/blob/fuse_2_9_bugfix/include/fuse_lowlevel.h](https://github.com/libfuse/libfuse/blob/fuse_2_9_bugfix/include/fuse_lowlevel.h). At the same time, the fuse version currently used in the 3.10 kernel is mostly 2.9, so it is necessary to fix this feature.

[https://github.com/ceph/ceph/pull/28831](https://github.com/ceph/ceph/pull/28831)

**#2 - 07/02/2019 01:55 PM - Patrick Donnelly**

- Subject changed from fs: ceph-fuse mount does not support the fallocate() to ceph-fuse: mount does not support the fallocate()
- Status changed from New to Fix Under Review
- Assignee set to huanwen ren
- Start date deleted (07/02/2019)
- Source set to Community (dev)
- Backport set to nautilus,mimic
- Pull request ID set to 28831
- ceph-qa-suite deleted (fs)
- Component(FS) cephfs.pyx added
- Component(FS) deleted (Client)

#3 - 07/13/2019 12:15 AM - Patrick Donnelly
- Status changed from Fix Under Review to Pending Backport
- Affected Versions v14.2.2 added
- Affected Versions deleted (v14.2.1)
- Component(FS) deleted (cephfs.pyx)

#4 - 07/22/2019 08:20 AM - Nathan Cutler
- Copied to Backport #40841: mimic: ceph-fuse: mount does not support the fallocate() added

#5 - 07/22/2019 08:20 AM - Nathan Cutler
- Copied to Backport #40842: nautilus: ceph-fuse: mount does not support the fallocate() added

#6 - 10/10/2019 10:29 AM - Nathan Cutler
- Status changed from Pending Backport to Resolved

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".