

## Arvados - Bug #3948

### [SDKs] File access on keep mount giving I/O error

09/22/2014 04:45 PM - Abram Connelly

<b>Status:</b>	Resolved	<b>Start date:</b>	09/22/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Ward Vandewege	<b>% Done:</b>	0%
<b>Category:</b>	SDKs	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Arvados Future Sprints		

#### Description

On lightning-dev2, under the keep mount directory ~/keep/by\_tag/hu34D5B9/qr1hi-4zz18-z6camrc7rr2faac, accessing the file 'Loveland.txt' gives an I/O error:

```
abram@lightning-dev2.qr1hi:~$ cd ~/keep/by_tag/hu34D5B9/qr1hi-4zz18-z6camrc7rr2faac ; ls -la
total 1975
dr-xr-xr-x 1 abram abram      0 Jun  3 17:28 .
dr-xr-xr-x 1 abram abram      0 Sep 22 16:41 ..
-r--r--r-- 1 abram abram 2020720 Jun  3 17:28 Loveland.fna.gz
-r--r--r-- 1 abram abram   375 Jun  3 17:28 Loveland.txt
abram@lightning-dev2.qr1hi:~/keep/by_tag/hu34D5B9/qr1hi-4zz18-z6camrc7rr2faac$ cat Loveland.txt
cat: Loveland.txt: Input/output error
```

Other files in this directory are giving similar errors. I discovered this while trying to make a local copy of the directory:

```
abram@lightning-dev2.qr1hi:/data/abram/tmp$ cp -R /home/abram/keep/by_tag/hu34D5B9 .
cp: reading `/home/abram/keep/by_tag/hu34D5B9/qr1hi-4zz18-z6camrc7rr2faac/Loveland.fna.gz': Input/output error
cp: failed to extend `./hu34D5B9/qr1hi-4zz18-z6camrc7rr2faac/Loveland.fna.gz': Input/output error
cp: reading `/home/abram/keep/by_tag/hu34D5B9/qr1hi-4zz18-z6camrc7rr2faac/Loveland.txt': Input/output error
cp: failed to extend `./hu34D5B9/qr1hi-4zz18-z6camrc7rr2faac/Loveland.txt': Input/output error
cp: reading `/home/abram/keep/by_tag/hu34D5B9/qr1hi-4zz18-smajilecb25rl5c/Loveland_results.zip': Input/output error
cp: failed to extend `./hu34D5B9/qr1hi-4zz18-smajilecb25rl5c/Loveland_results.zip': Input/output error
^C
```

#### History

##### #1 - 09/25/2014 08:55 PM - Tim Pierce

- Target version changed from Bug Triage to 2014-10-08 sprint

##### #2 - 09/25/2014 08:55 PM - Tim Pierce

- Project changed from Arvados Private to Arvados

- Category set to SDKs

- Assigned To set to Tim Pierce

##### #3 - 09/25/2014 08:56 PM - Tim Pierce

- Subject changed from File access on keep mount giving I/O error to [SDKs] File access on keep mount giving I/O error

##### #4 - 09/26/2014 02:13 AM - Tim Pierce

- Assigned To changed from Tim Pierce to Ward Vandewege

This collection consists of one block that doesn't appear to be on any of the qr1hi keep servers. Under these circumstances, it is expected that arv-mount would return an I/O error.

Reassigning to Ward to see if there are any operational clues we can follow to find out what happened to this collection.

##### #5 - 09/26/2014 07:23 PM - Tim Pierce

- Story points set to 0.5

**#6 - 09/29/2014 08:11 PM - Ward Vandewege**

This block is on another arvados cluster. Looks like our sdk lost the ability to use the old Keep proxy.

We should probably set up a keepproxy there. And then make sure our SDK does the right thing in cases like this one.

**#7 - 10/08/2014 05:52 PM - Ward Vandewege**

- Target version changed from 2014-10-08 sprint to 2014-10-29 sprint

**#8 - 10/29/2014 05:48 PM - Ward Vandewege**

- Target version changed from 2014-10-29 sprint to 2014-11-19 sprint

**#9 - 11/19/2014 08:14 PM - Ward Vandewege**

- Target version changed from 2014-11-19 sprint to 2014-12-10 sprint

**#10 - 12/10/2014 07:48 PM - Ward Vandewege**

- Target version changed from 2014-12-10 sprint to 2015-01-07 sprint

**#11 - 01/08/2015 02:44 PM - Tom Clegg**

- Target version changed from 2015-01-07 sprint to 2015-01-28 Sprint

**#12 - 01/29/2015 05:55 PM - Tom Clegg**

- Target version changed from 2015-01-28 Sprint to 2015-02-18 sprint

**#13 - 01/29/2015 06:24 PM - Tom Clegg**

- Target version changed from 2015-02-18 sprint to Arvados Future Sprints

**#14 - 05/23/2019 12:49 PM - Ward Vandewege**

- Status changed from New to Resolved