

## Arvados - Feature #13431

### [keepproxy] [GoSDK] Propagate desired storage classes in PUT request headers

05/02/2018 03:21 PM - Tom Clegg

<b>Status:</b>	Resolved	<b>Start date:</b>	06/05/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Lucas Di Pentima	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2018-06-06 Sprint		
<b>Description</b>			
<ul style="list-style-type: none"><li>• Add storage classes support to Keepclient</li><li>• If a client request includes the 'X-Keep-Storage-Class' header, use the newly added keepclient feature.</li></ul>			
<b>Subtasks:</b>			
Task # 13526: Review 13431-keepproxy-storage-classes-headers			<b>Closed</b>
<b>Related issues:</b>			
Blocks Arvados - Feature #11184: [Keep] Support multiple storage classes			<b>Resolved</b>

#### Associated revisions

##### Revision 0eedf70a - 06/05/2018 07:10 PM - Lucas Di Pentima

Merge branch '13431-keepproxy-storage-classes-headers'  
Closes #13431

Arvados-DCO-1.1-Signed-off-by: Lucas Di Pentima <[ldipentima@veritasgenetics.com](mailto:ldipentima@veritasgenetics.com)>

#### History

##### #1 - 05/02/2018 03:22 PM - Tom Clegg

- Blocks Feature #11184: [Keep] Support multiple storage classes added

##### #2 - 05/02/2018 05:12 PM - Tom Morris

- Target version set to To Be Groomed

##### #3 - 05/16/2018 03:37 PM - Lucas Di Pentima

- Description updated

##### #4 - 05/16/2018 04:42 PM - Tom Clegg

- Story points set to 1.0

##### #5 - 05/16/2018 05:04 PM - Lucas Di Pentima

- Subject changed from [keepproxy] [Go] Propagate desired storage classes in PUT request headers to [keepproxy] [GoSDK] Propagate desired storage classes in PUT request headers

- Description updated

##### #6 - 05/22/2018 09:26 PM - Tom Morris

- Target version changed from To Be Groomed to Arvados Future Sprints

##### #7 - 05/23/2018 02:53 PM - Tom Morris

- Target version changed from Arvados Future Sprints to 2018-06-06 Sprint

##### #8 - 05/23/2018 02:58 PM - Lucas Di Pentima

- Assigned To set to Lucas Di Pentima

##### #9 - 05/25/2018 02:25 PM - Lucas Di Pentima

- Status changed from New to In Progress

**#10 - 06/05/2018 12:46 AM - Lucas Di Pentima**

Updates at [dd97299b6](#) - branch 13431-keepproxy-storage-classes-headers

Test run: <https://ci.curoverse.com/job/developer-run-tests/735/>

- Added keepclient & keepproxy support for storage classes

I'm not sure how to write tests for keepproxy. Should I write some kind of keepstore fake server to be able to read requests coming from keepproxy?

**#11 - 06/05/2018 03:07 PM - Tom Clegg**

LGTM

For keepproxy testing, you could use `httptest.NewServer()` to make a keepstore stub that just stashes the request headers and responds 500, make keepproxy connect to the stub using the same approach as `TestAskGetKeepProxyConnectionError()`, then check that the expected header was received.

**#12 - 06/05/2018 06:39 PM - Lucas Di Pentima**

Updates at [7b7950766](#)

Test run: <https://ci.curoverse.com/job/developer-run-tests/737/>

- Added test that confirms X-Keep-Storage-Classes header propagation
- Fixed `TestAskGetKeepProxyConnectionError` test, which wasn't testing keepproxy, but keepclient.

**#13 - 06/05/2018 06:43 PM - Lucas Di Pentima**

(Don't pay attention to those 3 commented lines :) - [e80efb5ca](#) )

**#14 - 06/05/2018 07:07 PM - Tom Clegg**

LGTM, thanks

**#15 - 06/05/2018 07:47 PM - Lucas Di Pentima**

- *Status changed from In Progress to Resolved*

Applied in changeset [arvados|0eedf70afa34167275d2135837e866b13fac4178](#).

**#16 - 07/23/2018 06:41 PM - Tom Morris**

- *Release set to 13*