

Dashboard - Bug #39295

Bug # 39294 (New): mgr/dashboard: Time handling

mgr/dashboard: RGW Bucket API should provide times in UTC that will be converted into local time by Angular

04/15/2019 03:38 PM - Stephan Müller

Status:	Resolved	% Done:	0%
Priority:	Normal		
Assignee:	Alfonso Martínez		
Category:	UX		
Target version:	v15.0.0		
Source:		Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	nautilus	Pull request ID:	27617
Regression:	No	Crash signature (v1):	
Severity:	3 - minor	Crash signature (v2):	
Reviewed:			
Description			
RGW -> Bucket -> details -> 'modification time' attribute will provide the local server time instead UTC time			
Related issues:			
Copied to Dashboard - Backport #39502: nautilus: mgr/dashboard: RGW Bucket AP...			Resolved

History

#1 - 04/16/2019 09:36 AM - Alfonso Martínez

- Assignee set to Alfonso Martínez

#2 - 04/16/2019 02:41 PM - Casey Bodley

the call path for the 'GET /admin/bucket' api looks like this:

```
rgw_rest_bucket.cc: RGWOp_Bucket_Info::execute()
rgw_bucket.cc: RGWBucketAdminOp::info()
rgw_bucket.cc: bucket_stats()
```

bucket_stats() is responsible for formatting the response:
formatter->dump_stream("mtime") << ut;

```
which calls the stream output operator on utime_t:
inline std::ostream& operator<<(std::ostream& out, const utime_t& t) {
return t.localtime(out);
}
```

utime_t also has a gmtime() method that we could call instead, ie:
ut.gmtime(formatter->dump_stream("mtime"));

i suppose our APIs should always return dates in UTC?

#3 - 04/16/2019 05:14 PM - Casey Bodley

- Status changed from New to Fix Under Review
- Pull request ID set to 27617

discussed this in the rgw standup, and consensus was to return UTC unconditionally. i made this change in <https://github.com/ceph/ceph/pull/27617>

#4 - 04/17/2019 07:11 AM - Lenz Grimmer

- Target version set to v15.0.0
- Backport set to nautilus

#5 - 04/18/2019 06:49 AM - Alfonso Martinez

Backend PR:

<https://github.com/ceph/ceph/pull/27617>

Frontend PR:

<https://github.com/ceph/ceph/pull/27669>

#6 - 04/25/2019 10:20 PM - J. Eric Ivancich

- Status changed from Fix Under Review to Pending Backport

#7 - 04/26/2019 03:46 PM - Nathan Cutler

- Copied to Backport #39502: nautilus: mgr/dashboard: RGW Bucket API should provide times in UTC that will be converted into local time by Angular added

#8 - 05/31/2019 12:22 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved