

mgr - Bug #39294

mgr/dashboard: Time handling

04/15/2019 03:28 PM - Stephan Müller

Status:	New	Start date:	04/25/2018
Priority:	Normal	Due date:	
Assignee:		% Done:	71%
Category:	dashboard/usability	Estimated time:	0.00 hour
Target version:	v15.0.0	Reviewed:	
Source:		Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:		Pull request ID:	
Regression:	No	Crash signature:	
Severity:	3 - minor		

Description

As I searched for similar issues like [#23858](#), I found a few.

My setup

As my local time is set to Germany (2h) and my docker container as default is set to UTC (-0h), I decided to move the timezone of it to Chicago (-5h), in order to determine if the backend correctly only gives out UTC times that can easily be converted into the local time in the frontend.

How to change the timezone

To change the timezone in openSUSE or most other Linux distributions do the following:

```
cd /etc
ln -sf ../usr/share/zoneinfo/America/Chicago localtime
```

Found Issues

- [#39300](#)
With the time difference of -7h to the backend, I couldn't log in. The log throw the error `AMT: user info changed after token was issued, iat=%s lastUpdate=%s` which can be found in line 150 in `dashboard/services/auth.py`. I removed as a quick fix line 146 in the same document which said that `user.lastUpdate <= token['iat']` has to be true in order to login.
- [#39299](#)
Pool -> details -> 'create_time' attribute will provide the local server time instead UTC time
- [#39298](#)
Monitors 'monmap modified' attribute will provide the local server time instead UTC time
- [#39297](#)
Log timestamps will provide the local server time instead UTC time
- [#39296](#)
Alert -> details -> 'endsAt' and 'startsAt' attributes provide a UTC time but are not converted into local time in the frontend
- [#39295](#)
RGW -> Bucket -> details -> 'modification time' attribute will provide the local server time instead UTC time
- [#23858](#)
The RBD snapshot creation modal will append a UTC timestamp to the name - but it's more convenient to use a local timestamp with TZ prefix instead.

Working Dates

- RBD snapshot creation time column provide a UTC timestamp which is converted to local time in the frontend

- RBD detail view "Created" attribute provide a UTC timestamp which is converted to local time in the frontend

Subtasks:

Subtask # 23858: mgr/dashboard: New RBD snapshot names should be prefix with a local ti...	Resolved
Bug # 39295: mgr/dashboard: RGW Bucket API should provide times in UTC that will be con...	Resolved
Bug # 39296: mgr/dashboard: Alert details UTC times should be converted into local time...	Resolved
Bug # 39297: mgr/dashboard: Logs provided by the API should provide timestamps in UTC i...	Resolved
Bug # 39298: mgr/dashboard: Monitors API should provide times in UTC that will be conve...	New
Bug # 39299: mgr/dashboard: Pools API should provide times in UTC that will be converte...	New
Bug # 39300: mgr/dashboard: Can't login with a bigger time difference between user and ...	Resolved

History

#1 - 04/15/2019 03:28 PM - Stephan Müller

- Related to Subtask #23858: mgr/dashboard: New RBD snapshot names should be prefix with a local time bound ISO timestamp not UTC added

#2 - 04/15/2019 03:48 PM - Stephan Müller

- Description updated

#3 - 04/16/2019 09:03 AM - Lenz Grimmer

- Description updated

- Target version set to v15.0.0