Dashboard - Bug #47474

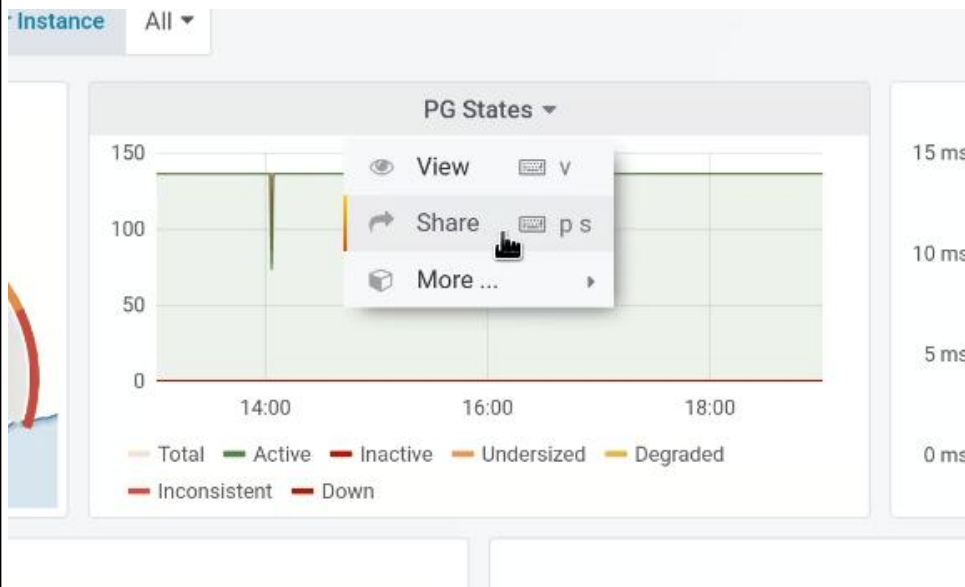## mgr/dashboard: share/export grafana dashboards as images

09/15/2020 06:33 PM - Ernesto Puerta

Status:	Won't Fix		**% Done:**	0%
Priority:	Normal			
Assignee:				
Category:	Monitoring			
Target version:	v16.0.0			
Source:	Q/A		**Affected Versions:**	
Tags:			**ceph-qa-suite:**	
Backport:			**Pull request ID:**	
Regression:	No		**Crash signature (v1):**	
Severity:	3 - minor		**Crash signature (v2):**	
Reviewed:				

Description

With the currently embedded plugins Grafana fails to export/share images from dashboards

```
t=2020-09-11T15:42:29+0000 lvl=info msg=Rendering logger=rendering path=d-solo/Vgrwr0IMz/ceph-clus
ter?
t=2020-09-11T15:42:29+0000 lvl=eror msg="executable not found" logger=rendering executable=/usr/sh
are/grafana/tools/phantomjs/phantomjs
t=2020-09-11T15:42:29+0000 lvl=eror msg="Rendering failed – PhantomJS isn't installed correctly" l
ogger=context userId=1 orgId=1 uname=admin error="PhantomJS executable not found"
t=2020-09-11T15:42:29+0000 lvl=eror msg="Request Completed" logger=context userId=1 orgId=1 uname=
admin method=GET path=/render/d-solo/Vgrwr0IMz/ceph-cluster status=500 remote_addr=10.74.8.241 tim
e_ms=2 size=1763 referer=
```

A plugin providing this functionality is https://grafana.com/grafana/plugins/grafana-image-renderer

Related issues:

Related to Dashboard - Feature #49312: mgr/dashboard: screen capture API to s...   **New**

History

#1 - 09/15/2020 06:34 PM - Ernesto Puerta

- Description updated

#2 - 09/21/2020 12:40 PM - Avan Thakkar

- File Screenshot from 2020-09-21 14-17-05.png added

- File Screenshot from 2020-09-21 18-09-22.png added

Ernesto Puerta wrote:

> With the currently embedded plugins Grafana fails to export/share images from dashboards

The issue isn't reproducible for the master branch. The grafana dashboards are being able to share/export, except for "Ceph-Cluster" grafana dashboard which is throwing timeout error.

t=2020-09-21T12:34:13+0000 lvl=info msg="Rendering timed out" logger=rendering renderer=phantomJS
t=2020-09-21T12:34:13+0000 lvl=eror msg="Timeout error. You can set timeout in seconds with &timeout url parameter" logger=context userId=0 orgId=1 uname= error="Timeout error. You can set timeout in seconds with &timeout url parameter"

#3 - 09/21/2020 12:48 PM - Avan Thakkar

Yes and agree with embedding the grafana-image-renderer plugin, following this comment
https://community.grafana.com/t/rendering-time-out-without-error/26773

#4 - 09/21/2020 01:58 PM - Lenz Grimmer

To my knowledge, this is a configuration option that needs to be enabled at build time in Grafana and depends on the PhantomJS headless web browser, which makes the Grafana installation quite "heavy". I'm not sure that's a pure Ceph Dashboard issue.

#5 - 09/21/2020 02:08 PM - Avan Thakkar

Lenz Grimmer wrote:

> To my knowledge, this is a configuration option that needs to be enabled at build time in Grafana

Yes, you are right.

```
and depends on the PhantomJS headless web browser, which makes the Grafana installation quite "heavy". I'm not
 sure that's a pure Ceph Dashboard issue.
```

Yes, maybe. I tried embedding the plugin, but it throws "Rendering failed" error, as it's missing some libraries, which seems to be different for different OS as mentioned here
https://grafana.com/docs/grafana/latest/administration/image_rendering/#grafana-image-renderer-plugin-and-remote-rendering-service. So maybe this can make installation heavy?!

#6 - 09/22/2020 09:02 AM - Lenz Grimmer

I suggest to resolve this issue as "Won't fix", as it's primarily a Grafana configuration issue and therefore out of scope for Ceph Dashboard.

Instead, let's create a new feature tracker that implements an option to take a screen shot of an embedded Grafana image using the browser's built-in screen capture API, as Ernesto suggested during today's stand-up.

#7 - 09/22/2020 09:47 AM - Lenz Grimmer

Lenz Grimmer wrote:

> Instead, let's create a new feature tracker that implements an option to take a screen shot of an embedded Grafana image using the browser's built-in screen capture API, as Ernesto suggested during today's stand-up.

Looks as if that API is not really intended to be used for creating still image screen shots of a given browser area. I was not able to find an existing API that support this, but there's some work in progress here: https://github.com/fernap3/screenshot

#8 - 02/16/2021 05:41 PM - Avan Thakkar

- Related to Feature #49312: mgr/dashboard: screen capture API to share/export grafana dashboards as images added

#9 - 02/16/2021 05:42 PM - Avan Thakkar

Moving this to Won't Fix as suggested here https://tracker.ceph.com/issues/47474/quoted?journal_id=175546.

#10 - 02/16/2021 05:42 PM - Avan Thakkar

- Status changed from New to Won't Fix

#11 - 04/15/2021 05:29 PM - Ernesto Puerta

- Project changed from mgr to Dashboard

- Category changed from 148 to Monitoring

Files

grafana_error.png	49.1 KB	09/15/2020	Ernesto Puerta
grafana_direct_link.png	87.8 KB	09/15/2020	Ernesto Puerta
grafana_share.png	49.9 KB	09/15/2020	Ernesto Puerta
Screenshot from 2020-09-21 14-17-05.png	47.9 KB	09/21/2020	Avan Thakkar
Screenshot from 2020-09-21 18-09-22.png	37.4 KB	09/21/2020	Avan Thakkar