Dashboard - Bug #39971

Several embedded Grafana dashboards are not displayed due to changed uids

05/20/2019 06:46 AM - Kiefer Chang

Status: Resolved
Priority: Normal
Assignee: Kiefer Chang
Category: Monitoring
Target version: v15.0.0
Source: 
Tags: 
Backport: nautilus
Regression: Yes
Severity: 3 - minor
Reviewed: 

Affected Versions: v15.0.0
ceph-qa-suite:
Pull request ID: 28169
Crash signature (v1):
Crash signature (v2):

Description

Some embedded Grafana dashboards's uids were changed recently:

PR: https://github.com/ceph/ceph/pull/28043
Tracker: http://tracker.ceph.com/issues/39652

This leads to some performance data page not displayed because mismatched uid.

Also in Cluster->OSDs page: if a user clicks an OSD, the corresponding dashboard in Performance Details always refers to osd.0.

Related issues:
- Related to Dashboard - Bug #39652: Grafana dashboards use outdated metric nam... Resolved
- Related to Dashboard - Bug #40008: mgr/dashboard: Need a method to check refere... Resolved
- Copied to mgr - Backport #40006: nautilus: Several embedded Grafana dashboard... Resolved

History

#1 - 05/20/2019 06:59 AM - Kiefer Chang
- Status changed from New to In Progress
- Assignee set to Kiefer Chang

WIP. Also thinking if it's possible to add some checks in CI for future changes.

#2 - 05/20/2019 09:22 AM - Kiefer Chang
- Pull request ID set to 28169

#3 - 05/20/2019 09:39 AM - Nathan Cutler
- Status changed from In Progress to Fix Under Review

#4 - 05/20/2019 09:49 AM - Lenz Grimmer
- Backport set to nautilus
- Regression changed from No to Yes

#5 - 05/20/2019 09:49 AM - Lenz Grimmer
- Related to Bug #39652: Grafana dashboards use outdated metric names from the prometheus module added

#6 - 05/21/2019 04:29 AM - Kiefer Chang
As Lenz mentioned in standup, one approach to prevent this mismatch is to add e2e tests for these pages. (This requires accompanying Prometheus and Grafana instance running)

Another approach is to create a file that maintains mappings from uids in Angular template to those in Grafana dashboards. And a script is created to check those values are identical. If a developer updates Grafana dashboard with a new uid and does not update corresponding ones in Angular templates, the script should spot this.

#7 - 05/22/2019 04:23 PM - Lenz Grimmer
- Status changed from Fix Under Review to Pending Backport
- Target version set to v15.0.0

#8 - 05/22/2019 09:03 PM - Nathan Cutler
- Copied to Backport #40006: nautilus: Several embedded Grafana dashboards are not displayed due to changed uids added

#9 - 05/23/2019 04:46 AM - Kiefer Chang
- Related to Bug #40008: mgr/dashboard: Need a method to check references to Grafana dashboards are correct or exist added

#10 - 06/01/2019 10:20 AM - Nathan Cutler
- Status changed from Pending Backport to Resolved

#11 - 04/15/2021 05:22 PM - Ernesto Puerta
- Project changed from mgr to Dashboard
- Category changed from dashboard/monitoring to Monitoring