

RADOS - Bug #53923

[Upgrade] mgr FAILED to decode MSG_PGSTATS

01/18/2022 08:36 PM - Vikhyat Umrao

Status:	Resolved	% Done:	100%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Aishwarya Mathuria		
Category:			
Target version:			
Source:		Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	quincy	Component(RADOS):	
Regression:	No	Pull request ID:	45694
Severity:	3 - minor	Crash signature (v1):	
Reviewed:		Crash signature (v2):	

Description

```
# ceph -s
cluster:
  id:      182eef00-53b5-11ec-84d3-3cecef3d8fb8
  health: HEALTH_WARN
          Reduced data availability: 65553 pgs inactive
          1 mgr modules have recently crashed

services:
  mon: 5 daemons, quorum gibba001,gibba002,gibba004,gibba005,gibba006 (age 30m)
  mgr: gibba001.zptzqf(active, since 39m), standbys: gibba002.veobjjs
  mds: 1/1 daemons up, 1 standby
  osd: 975 osds: 975 up (since 86m), 975 in (since 54m)

data:
  volumes: 1/1 healthy
  pools:  4 pools, 65553 pgs
  objects: 0 objects, 0 B
  usage:  0 B used, 0 B / 0 B avail
  pgs:    100.000% pgs unknown
          65553 unknown

progress:
  Global Recovery Event (0s)
  [.....]
  Upgrade to 17.0.0-10229-g7e035110 (6m)
  [.....] (remaining: 3h)
```

- MGR logs:

```
2022-01-18T19:54:52.484+0000 7f8914f04000 0 ceph version 17.0.0-10229-g7e035110 (7e035110784fba02
ba81944e444be9a36932c6a3) quincy (dev), process ceph-mgr, pid 7
2022-01-18T19:54:52.484+0000 7f8914f04000 0 pidfile_write: ignore empty --pid-file
2022-01-18T19:54:52.510+0000 7f8914f04000 1 mgr[py] Loading python module 'mirroring'

2022-01-18T19:56:14.017+0000 7f890da9f700 -1 failed to decode message of type 87 v2: void pg_stat_
t::decode(ceph::buffer::v15_2_0::list::const_iterator&) decode past end of struct encoding: Malfor
med input
```

```
2022-01-18T19:56:14.018+0000 7f890d29e700 -1 failed to decode message of type 87 v2: void pg_stat_
t::decode(ceph::buffer::v15_2_0::list::const_iterator&) decode past end of struct encoding: Malfor
med input
2022-01-18T19:56:14.018+0000 7f890ca9d700 -1 failed to decode message of type 87 v2: void pg_stat_
t::decode(ceph::buffer::v15_2_0::list::const_iterator&) decode past end of struct encoding: Malfor
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2022-01-18T19:56:14.019+0000 7f890da9f700 -1 failed to decode message of type 87 v2: void pg_stat_
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2022-01-18T19:56:14.019+0000 7f890da9f700 -1 failed to decode message of type 87 v2: void pg_stat_
t::decode(ceph::buffer::v15_2_0::list::const_iterator&) decode past end of struct encoding: Malfor
med input
```

```
[ubuntu@gibba001 ~]$ sudo ceph versions
{
  "mon": {
    "ceph version 17.0.0-10229-g7e035110 (7e035110784fba02ba81944e444be9a36932c6a3) quincy (de
v)": 3,
    "ceph version 17.0.0-9964-gf2313edc (f2313edc67106699e6ab91f50fa91928e579f7ac) quincy (dev
)": 2
  },
  "mgr": {
    "ceph version 17.0.0-10229-g7e035110 (7e035110784fba02ba81944e444be9a36932c6a3) quincy (de
v)": 2
  },
  "osd": {
    "ceph version 17.0.0-9964-gf2313edc (f2313edc67106699e6ab91f50fa91928e579f7ac) quincy (dev
)": 975
  },
  "mds": {
    "ceph version 17.0.0-9964-gf2313edc (f2313edc67106699e6ab91f50fa91928e579f7ac) quincy (dev
)": 2
  },
  "overall": {
    "ceph version 17.0.0-10229-g7e035110 (7e035110784fba02ba81944e444be9a36932c6a3) quincy (de
v)": 5,
    "ceph version 17.0.0-9964-gf2313edc (f2313edc67106699e6ab91f50fa91928e579f7ac) quincy (dev
)": 979
  }
}
```

Related issues:	
Related to RADOS - Bug #55140: quincy OSD won't start: what(): void pg_sta...	Duplicate
Copied to RADOS - Backport #55137: quincy: [Upgrade] mgr FAILED to decode MSG...	Resolved

History

#1 - 01/18/2022 08:38 PM - Neha Ojha

- Subject changed from PG Stats unknown after upgrade to 17.0.0-10229-g7e035110 to FAILED to decode MSG_PGSTATS

#2 - 01/18/2022 08:57 PM - Neha Ojha

- Subject changed from FAILED to decode MSG_PGSTATS to mgr FAILED to decode MSG_PGSTATS

#3 - 01/18/2022 08:58 PM - Neha Ojha

- Description updated

#4 - 01/19/2022 12:24 AM - Vikhyat Umrao

- Subject changed from mgr FAILED to decode MSG_PGSTATS to [Upgrade] mgr FAILED to decode MSG_PGSTATS

#5 - 01/19/2022 03:33 PM - Neha Ojha

- Status changed from New to In Progress
- Assignee set to Ronen Friedman
- Priority changed from Normal to Immediate

#6 - 03/23/2022 05:34 PM - Neha Ojha

- Status changed from In Progress to Can't reproduce

#7 - 03/29/2022 05:56 PM - Aishwarya Mathuria

- Status changed from Can't reproduce to In Progress
- Assignee changed from Ronen Friedman to Aishwarya Mathuria

#8 - 03/29/2022 11:53 PM - Laura Flores

- Pull request ID set to 45694

#9 - 03/30/2022 02:46 PM - Yuri Weinstein

<https://github.com/ceph/ceph/pull/45695> merged

#10 - 03/30/2022 05:40 PM - Neha Ojha

- Status changed from In Progress to Pending Backport
- Backport set to quincy

#11 - 03/30/2022 05:45 PM - Backport Bot

- Copied to Backport #55137: quincy: [Upgrade] mgr FAILED to decode MSG_PGSTATS added

#12 - 03/30/2022 05:47 PM - Neha Ojha

- Status changed from Pending Backport to Resolved

#13 - 04/04/2022 08:35 AM - Aishwarya Mathuria

- Related to Bug #55140: quincy OSD won't start: what(): void pg_stat_t::decode(ceph::buffer::v15_2_0::list::const_iterator&) decode past end of struct encoding: Malformed input added