

RADOS - Bug #42360

python3-cephfs should provide python36-cephfs

10/18/2019 03:54 AM - Kefu Chai

Status:	Resolved	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Kefu Chai		
Category:			
Target version:			
Source:		Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	luminous, mimic, nautilus	Component(RADOS):	
Regression:	No	Pull request ID:	30830
Severity:	3 - minor	Crash signature (v1):	
Reviewed:		Crash signature (v2):	

Description

when upgrading from v12 to v13:

```
2019-10-17T15:34:24.375 INFO:teuthology.orchestra.run.smithi099:> sudo yum -y install '' '' ceph-r
adosgw ceph-test ceph ceph-mgr ceph-fuse libcephfs2 libcephfs-devel librados2 li
brbd1 python-ceph rbd-fuse python3-cephfs python3-rados
...
2019-10-17T15:34:35.246 INFO:teuthology.orchestra.run.smithi099.stdout:---> Package ceph.x86_64 2:
12.2.12-511.gb9c1d9f.el7 will be updated
2019-10-17T15:34:35.250 INFO:teuthology.orchestra.run.smithi099.stdout:---> Package ceph.x86_64 2:
13.2.6-706.g4f9664c.el7 will be an update
...
2019-10-17T15:34:35.402 INFO:teuthology.orchestra.run.smithi099.stdout:---> Package python3-cephfs
.x86_64 2:13.2.6-706.g4f9664c.el7 will be installed
2019-10-17T15:34:35.402 INFO:teuthology.orchestra.run.smithi099.stdout:--> Processing Dependency:
python3-ceph-argparse = 2:13.2.6-706.g4f9664c.el7 for package: 2:python3-cephfs-13.2.6-706.g4f9664
c.el7.x86_64
...
2019-10-17T15:34:36.140 INFO:teuthology.orchestra.run.smithi099.stdout:--> Finished Dependency Res
olution
2019-10-17T15:34:36.193 INFO:teuthology.orchestra.run.smithi099.stderr:Error: Package: 2:python36-
cephfs-12.2.12-511.gb9c1d9f.el7.x86_64 (@ceph)
2019-10-17T15:34:36.193 INFO:teuthology.orchestra.run.smithi099.stderr:                Requires: libcep
hfs2 = 2:12.2.12-511.gb9c1d9f.el7
2019-10-17T15:34:36.194 INFO:teuthology.orchestra.run.smithi099.stderr:                Removing: 2:libc
ephfs2-12.2.12-511.gb9c1d9f.el7.x86_64 (@ceph)
2019-10-17T15:34:36.194 INFO:teuthology.orchestra.run.smithi099.stderr:                libcephfs2 =
2:12.2.12-511.gb9c1d9f.el7
2019-10-17T15:34:36.194 INFO:teuthology.orchestra.run.smithi099.stderr:                Updated By: 2:li
bcephfs2-13.2.6-706.g4f9664c.el7.x86_64 (ceph)
2019-10-17T15:34:36.194 INFO:teuthology.orchestra.run.smithi099.stderr:                libcephfs2 =
2:13.2.6-706.g4f9664c.el7
2019-10-17T15:34:36.194 INFO:teuthology.orchestra.run.smithi099.stderr:Error: Package: 2:python36-
rados-12.2.12-511.gb9c1d9f.el7.x86_64 (@ceph)
2019-10-17T15:34:36.194 INFO:teuthology.orchestra.run.smithi099.stderr:                Requires: librad
os2 = 2:12.2.12-511.gb9c1d9f.el7
2019-10-17T15:34:36.194 INFO:teuthology.orchestra.run.smithi099.stderr:                Removing: 2:libr
ados2-12.2.12-511.gb9c1d9f.el7.x86_64 (@ceph)
2019-10-17T15:34:36.195 INFO:teuthology.orchestra.run.smithi099.stderr:                librados2 =
2:12.2.12-511.gb9c1d9f.el7
2019-10-17T15:34:36.195 INFO:teuthology.orchestra.run.smithi099.stderr:                Updated By: 2:li
brados2-13.2.6-706.g4f9664c.el7.x86_64 (ceph)
2019-10-17T15:34:36.195 INFO:teuthology.orchestra.run.smithi099.stderr:                librados2 =
```

```
2:13.2.6-706.g4f9664c.el7
2019-10-17T15:34:36.195 INFO:teuthology.orchestra.run.smithi099.stdout: You could try using --skip
-broken to work around the problem
2019-10-17T15:34:44.287 INFO:teuthology.orchestra.run.smithi099.stdout: You could try running: rpm
-Va --nofiles --nodigest
2019-10-17T15:34:44.369 DEBUG:teuthology.orchestra.run:got remote process result: 1
```

see http://pulpito.ceph.com/teuthology-2019-10-17_02:25:03-upgrade:luminous-x-mimic-distro-basic-smithi/4417295/

the crux of the problem is

i think the luminous release (12.2.12-511.gb9c1d9f.el7) was not built with the latest "python-srpm-macros" package. so it does not offer python3-* python binding packages. while the mimic release (13.2.6-706.g4f9664c.el7) was. so when we install python3-cephfs, and it required libcephfs2 (13.2.6-706.g4f9664c.el7). to install a newer libcephfs2 requires uninstall old version of this package. so "libcephfs2 = 2:12.2.12-511.gb9c1d9f.el7" would be removed. but python36-cephfs-12.2.12-511.gb9c1d9f.el7.x86_64 was still around. it was not being replaced. so i think the fix is to let python3-cephfs provide "python36-cephfs".

Related issues:

Copied to RADOS - Backport #42361: luminous: python3-cephfs should provide py...	Resolved
Copied to RADOS - Backport #42362: mimic: python3-cephfs should provide pytho...	Resolved
Copied to RADOS - Backport #42363: nautilus: python3-cephfs should provide py...	Resolved

History

#1 - 10/18/2019 03:55 AM - Kefu Chai

- Description updated
- Status changed from New to In Progress
- Pull request ID set to 30830

#2 - 10/18/2019 03:56 AM - Kefu Chai

- Status changed from In Progress to Pending Backport

#3 - 10/18/2019 03:58 AM - Kefu Chai

- Copied to Backport #42361: luminous: python3-cephfs should provide python36-cephfs added

#4 - 10/18/2019 03:59 AM - Kefu Chai

- Copied to Backport #42362: mimic: python3-cephfs should provide python36-cephfs added

#5 - 10/18/2019 03:59 AM - Kefu Chai

- Copied to Backport #42363: nautilus: python3-cephfs should provide python36-cephfs added

#6 - 10/18/2019 11:35 AM - Nathan Cutler

- Backport set to luminous, mimic, nautilus

Output from backport-create-issue:

```
ERROR:root:https://tracker.ceph.com/issues/42360 the backport field is empty
ERROR:root:https://tracker.ceph.com/issues/42360 has more backport issues (luminous,mimic,nautilus) than expected ()
```

#7 - 11/16/2019 06:38 AM - Nathan Cutler

- Status changed from Pending Backport to Resolved

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".