

## devops - Bug #19938

### Duplicate logrotate entries if ceph-base and ceph-common are installed (Ubuntu 16.04)

05/16/2017 07:10 AM - Burkhard Linke

<b>Status:</b> Resolved	<b>Start date:</b> 05/16/2017
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Reviewed:</b>
<b>Source:</b>	<b>Affected Versions:</b>
<b>Tags:</b>	<b>ceph-qa-suite:</b>
<b>Backport:</b> jewel, kraken	<b>Pull request ID:</b>
<b>Regression:</b> No	
<b>Severity:</b> 3 - minor	
<b>Description</b>	
<b>Related issues:</b>	
Related to Ceph - Bug #20453: dpkg warning during fresh install of Luminous	<b>Resolved</b> 06/28/2017
Duplicated by devops - Bug #19937: ceph-common needs dependency to psmisc pac...	<b>Duplicate</b> 05/16/2017
Copied to devops - Backport #20316: jewel: Duplicate logrotate entries if cep...	<b>Resolved</b>
Copied to devops - Backport #20317: kraken: Duplicate logrotate entries if ce...	<b>Rejected</b>

#### History

##### #1 - 05/16/2017 07:15 AM - Burkhard Linke

(fingers were too fast...)

Colocating rados gateway and osd on the same host, ceph-common and ceph-base are installed as dependencies.

ceph-common installed /etc/logrotate.d/ceph-common, ceph-base contains /etc/logrotate.d/ceph.logrotate. Both target "/var/log/ceph/\*.log", which breaks logrotate since the same files are targeted by multiple entries.

Proposed solution(s):

- provide specific logrotate entries with specific packages (e.g. /var/log/ceph/ceph-osd\* in ceph-osd package)
- move log rotation to own package

Ceph version: 10.2.7-1xenial  
OS: Ubuntu 16.04.2

##### #2 - 05/17/2017 08:58 AM - Fabian Grünbichler

revival of <http://tracker.ceph.com/issues/15569> ?

##### #3 - 05/18/2017 12:10 AM - Kefu Chai

```
kchai@circle:~$ dpkg -c ceph-common_10.2.7-239-g966f222-1xenial_amd64.deb | grep logrotate
kchai@circle:~$ dpkg -c ceph-base_10.2.7-239-g966f222-1xenial_amd64.deb | grep logrotate
drwxr-xr-x root/root          0 2017-05-17 09:05 ./etc/logrotate.d/
-rw-r--r-- root/root        228 2017-05-17 09:05 ./etc/logrotate.d/ceph.logrotate
```

why do you think ceph-common installed /etc/logrotate.d/ceph-common? is it possible that it was installed by previous installation? and from where/how exactly did you download these package?

#### #4 - 05/18/2017 06:08 AM - Burkhard Linke

The files are reported as belonging to the ceph-base and ceph-common packages:

```
root@ceph-storage-02:/var/lib/dpkg/info# fgrep logrotate *.list | grep ceph
ceph-base.list:/etc/logrotate.d
ceph-base.list:/etc/logrotate.d/ceph.logrotate
ceph-common.list:/etc/logrotate.d/ceph-common
```

I use the european ceph mirror:

```
root@ceph-storage-02:~# cat /etc/apt/sources.list.d/ceph.list
```

1. This file is managed by Puppet. DO NOT EDIT.
2. ceph  
deb <http://eu.ceph.com/debian-jewel/> xenial main

The host was built from scratch, so there was no previous installation of other ceph packages (neither other version nor other origin). Installation was done using some custom puppet module based on puppet's apt source management and its package management.

#### #5 - 05/18/2017 06:20 AM - Nathan Cutler

- Duplicated by Bug #19937: ceph-common needs dependency to psmisc package (Ubuntu 16.04) added

#### #6 - 05/18/2017 07:59 AM - Kefu Chai

```
kchai@circle:/tmp/19938$ wget -q http://eu.ceph.com/debian-jewel/pool/main/c/ceph/ceph-base_10.2.7-1xenial_amd64.deb
kchai@circle:/tmp/19938$ wget -q http://eu.ceph.com/debian-jewel/pool/main/c/ceph/ceph-common_10.2.7-1xenial_amd64.deb
kchai@circle:/tmp/19938$ dpkg -c ceph-common_10.2.7-1xenial_amd64.deb | grep logrotate
kchai@circle:/tmp/19938$ dpkg -c ceph-base_10.2.7-1xenial_amd64.deb | grep logrotate
drwxr-xr-x root/root          0 2017-04-10 13:23 ./etc/logrotate.d/
-rw-r--r-- root/root        228 2017-04-10 13:23 ./etc/logrotate.d/ceph.logrotate
kchai@circle:/tmp/19938$ sha1sum ceph-common_10.2.7-1xenial_amd64.deb
593fecf7efa426f72bef5b2622b7ba8e34ce4500  ceph-common_10.2.7-1xenial_amd64.deb
kchai@circle:/tmp/19938$ sha1sum ceph-base_10.2.7-1xenial_amd64.deb
```

i am confused. Burkhard, could you post the output of

```
dpkg -s ceph-common
```

my wild guess is that you are using a downstream package.

#### #7 - 05/18/2017 08:37 AM - Burkhard Linke

And I am confused, too.

```
1. dpkg -s ceph-common
Package: ceph-common
Status: install ok installed
Priority: optional
Section: admin
Installed-Size: 61313
Maintainer: Ceph Maintainers <ceph-maintainers@lists.ceph.com>
Architecture: amd64
Source: ceph
Version: 10.2.7-1xenial
Replaces: ceph (<< 10), ceph-client-tools, ceph-test (<< 9.0.3-1646), librbd1 (<< 0.92-1238), python-ceph (<< 0.92-1223)
Depends: librbd1 (= 10.2.7-1xenial), init-system-helpers (>= 1.18~), libbabeltrace-ctf1 (>= 1.2.1), libbabeltrace1 (>= 1.2.1), libblkid1 (>= 2.17.2),
libboost-iostreams1.58.0, libboost-program-options1.58.0, libboost-regex1.58.0, libboost-system1.58.0, libboost-thread1.58.0, libc6 (>= 2.16),
libgcc1 (>= 1:3.0), libgoogle-perftools4, libkeyutils1 (>= 1.4), libnspr4 (>= 2:4.9-2~) | libnspr4-0d (>= 1.8.0.10), libnss3 (>= 2:3.13.4-2~) |
libnss3-1d (>= 3.12.9~beta2), librados2, libradosstriper1, librgw2, libstdc++6 (>= 5.2), libudev1 (>= 183), python-rados (= 10.2.7-1xenial),
python-cephfs (= 10.2.7-1xenial), python-rbd (= 10.2.7-1xenial), python-requests
Suggests: ceph-base (= 10.2.7-1xenial), ceph-mds (= 10.2.7-1xenial)
Breaks: ceph (<< 10), ceph-test (<< 9.0.3-1646), librbd1 (<< 0.92-1238), python-ceph (<< 0.92-1223)
Conflicts: ceph-client-tools
Conffiles:
/etc/bash_completion.d/rados c9fd29e1a807f545e4514f3b1ede7225
/etc/bash_completion.d/rbd e4fe86afa78419de017f79bbae5760ee
/etc/ceph/rbdmap 638e8968005eb2b959919f0c5e31e9a4
/etc/default/ceph 5645b70243d88f951df86f0bdd97dbb0
/etc/init.d/rbdmap 93e42ffc65d32ab29dbb5fa6d3caed3
/etc/init.d/rbdmap.conf ceceeb4e61bfef80dcc6fc1cbc608aa5
/etc/logrotate.d/ceph-common 0b02320d237751a26ed35b495495c6e2 obsolete
Description: common utilities to mount and interact with a ceph storage cluster
Ceph is a massively scalable, open-source, distributed
storage system that runs on commodity hardware and delivers object,
block and file system storage. This is a collection
of common tools that allow one to interact with and administer a Ceph cluster.
Homepage: http://ceph.com/
```

It seems that during host provisioning the distribution package was installed, which contains the rogue logrotate file. The ceph provided packages are fine. The logrotate file is even recognized as being obsolete, but not automatically removed during package upgrade. This is only done if the former package is purged.

I'm not sure what's the right way to handle this (and whether this problem happens often). According to <https://raphaelhertzog.com/2010/10/07/the-right-way-to-remove-an-obsolete-conffile-in-a-debian-package/>, a package might be able to remove obsolete conffiles in package postprocessing scripts, but the information is from 2010.

**#8 - 06/06/2017 01:54 PM - Fabian Grünbichler**

<https://github.com/ceph/ceph/pull/15514>

**#9 - 06/15/2017 02:23 PM - Nathan Cutler**

- Status changed from New to Need Review

- Backport set to jewel, kraken

**#10 - 06/15/2017 02:23 PM - Nathan Cutler**

- Status changed from Need Review to Pending Backport

**#11 - 06/15/2017 02:24 PM - Nathan Cutler**

- Copied to Backport #20316: jewel: Duplicate logrotate entries if ceph-base and ceph-common are installed (Ubuntu 16.04) added

**#12 - 06/15/2017 02:24 PM - Nathan Cutler**

- Copied to Backport #20317: kraken: Duplicate logrotate entries if ceph-base and ceph-common are installed (Ubuntu 16.04) added

**#13 - 06/15/2017 02:32 PM - Nathan Cutler**

- Status changed from Pending Backport to Need Review

**#14 - 07/03/2017 08:53 AM - Kefu Chai**

- Related to Bug #20453: dpkg warning during fresh install of Luminous added

**#15 - 08/22/2017 07:55 AM - Nathan Cutler**

- Status changed from Need Review to Resolved