Hello,

I've found a bug in librados which causing big issues in Openstack projects (glance_store, cinder, nova). Librados's function get_fsid returning string in py2, but unfortunately bytes in python3.

More informations related to Openstack can be found here => [https://bugs.launchpad.net/cinder/+bug/1816468](https://bugs.launchpad.net/cinder/+bug/1816468)

How to reproduce?

Py3:

```
root@openstack-controller:~# ipython3
In [1]: import rados
In [2]: from rados import Rados
In [3]: client = Rados(rados_id='admin', clustername='ceph', conffile='/etc/ceph/ceph.conf')
In [4]: client.connect()
In [5]: client.get_fsid()
Out[5]: b'868c2b5d-12f1-4f3f-aa2a-5701a3bb1041'
```

Py2:

```
import rados
from rados import Rados
client = Rados(rados_id='admin', clustername='ceph', conffile='/etc/ceph/ceph.conf')
client.connect()
client.get_fsid()
```

'868c2b5d-12f1-4f3f-aa2a-5701a3bb1041'

Expected return from get_fsid is id in String format.

**Related issues:**

Copied to RADOS - Backport #38872: mimic: Rados.get_fsid() returning bytes in... Resolved
Copied to RADOS - Backport #38873: luminous: Rados.get_fsid() returning bytes... Resolved
Copied to RADOS - Backport #40192: nautilus: Rados.get_fsid() returning bytes... Resolved
- Project changed from Ceph to RADOS
- Category deleted (librados)
- Status changed from New to 12
- Priority changed from Normal to High
- Backport set to luminous,mimic

#2 - 02/19/2019 03:24 PM - Jason Dillaman
- Status changed from 12 to In Progress
- Assignee set to Jason Dillaman

#3 - 02/19/2019 04:05 PM - Jason Dillaman
- Status changed from In Progress to Fix Under Review
- Pull request ID set to 26514

#4 - 02/20/2019 10:17 PM - Greg Farnum
https://github.com/ceph/ceph/pull/26514

#5 - 03/20/2019 11:51 AM - Kefu Chai
- Status changed from Fix Under Review to Pending Backport

#6 - 03/22/2019 01:03 PM - Nathan Cutler
- Copied to Backport #38872: mimic: Rados.get_fsid() returning bytes in python3 added

#7 - 03/22/2019 01:03 PM - Nathan Cutler
- Copied to Backport #38873: luminous: Rados.get_fsid() returning bytes in python3 added

#8 - 06/06/2019 03:50 PM - Jason Dillaman
- Backport changed from luminous,mimic to luminous,mimic,nautilus

#9 - 06/06/2019 03:52 PM - Jason Dillaman
- Copied to Backport #40192: nautilus: Rados.get_fsid() returning bytes in python3 added

#10 - 06/20/2019 10:03 AM - Nathan Cutler
- Status changed from Pending Backport to Resolved