

## Ceph - Bug #18163

### platform.linux\_distribution() is deprecated; stop using it

12/07/2016 04:10 AM - Tim Serong

<b>Status:</b> Resolved	<b>% Done:</b> 0%
<b>Priority:</b> Normal	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b> Nathan Cutler	
<b>Category:</b>	
<b>Target version:</b>	
<b>Source:</b>	<b>Reviewed:</b>
<b>Tags:</b>	<b>Affected Versions:</b>
<b>Backport:</b> luminous	<b>ceph-qa-suite:</b>
<b>Regression:</b> No	<b>Pull request ID:</b>
<b>Severity:</b> 3 - minor	<b>Crash signature:</b>
<b>Description</b> <p>platform.linux_distribution() is deprecated, so we should stop using it. Notably it uses /etc/SuSE-release on SUSE systems, and the latest SUSE versions don't ship this file; instead they ship /etc/os-release, which platform.linux_distribution() doesn't know about, so it returns ("","").</p> <p>AFAICT, platform.linux_distribution() is currently used by ceph-detect-init, which in turn is used by ceph-disk. If ceph-detect-init can't determine the distro because it sees ("",""), this results in ceph-disk always tagging the init system as sysvinit.</p> <p>There are also platform.linux_distribution() invocations in qa/workunits/ceph-disk/ceph-disk-no-lockbox and src/ceph-disk/ceph_disk/main.py, but they look like dead code to me.</p> <p>See also bug <a href="#">#18141</a></p>	
<b>Related issues:</b>	
Duplicated by devops - Bug #23781: ceph-detect-init still uses python's platf...	<b>Duplicate</b> 04/18/2018
Copied to Ceph - Backport #39277: luminous: platform.linux_distribution() is...	<b>Resolved</b>

## History

### #1 - 12/07/2016 11:38 AM - Nathan Cutler

lsb-release is no longer a Ceph runtime dependency, but is still a Ceph build dependency - see [#17425](#)

Getting rid of lsb-release as a build dependency is a laudable goal IMO and dropping all calls to platform.linux\_distribution() is a part of that.

### #2 - 12/19/2016 10:52 PM - Sage Weil

- Status changed from New to Resolved

### #3 - 12/19/2016 10:52 PM - Sage Weil

- Status changed from Resolved to 12

oops, ceph-detect-init is still using it.

### #4 - 04/18/2018 03:40 PM - Nathan Cutler

- Duplicated by Bug #23781: ceph-detect-init still uses python's platform lib added

### #5 - 04/19/2018 12:52 PM - Nathan Cutler

- Status changed from 12 to Fix Under Review

- Assignee set to Nathan Cutler

This bug is no longer applicable to master, because ceph-detect-init has been dropped there.

**mimic PR:** <https://github.com/ceph/ceph/pull/21523>

**#6 - 07/17/2018 11:32 AM - Nathan Cutler**

- Backport set to *mimic,luminous*

**#7 - 07/18/2018 10:59 AM - Nathan Cutler**

**first mimic follow-on PR** (not a regression - just expands coverage): <https://github.com/ceph/ceph/pull/23111>

**#8 - 07/18/2018 02:35 PM - Yuri Weinstein**

Nathan Cutler wrote:

This bug is no longer applicable to master, because ceph-detect-init has been dropped there.

**mimic PR:** <https://github.com/ceph/ceph/pull/21523>

merged

**#9 - 07/29/2018 06:42 PM - Nathan Cutler**

**second mimic follow-on PR (fix RHEL 7.5 regression):** <https://github.com/ceph/ceph/pull/23303>

**#10 - 07/29/2018 09:02 PM - Nathan Cutler**

- Backport changed from *mimic,luminous* to *luminous*

**#11 - 04/12/2019 02:27 PM - Nathan Cutler**

- Status changed from *Fix Under Review* to *Pending Backport*

**#12 - 04/12/2019 02:27 PM - Nathan Cutler**

- Copied to Backport #39277: *luminous: platform.linux\_distribution() is deprecated; stop using it added*

**#13 - 10/02/2019 01:21 PM - 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".