

Ceph - Bug #18163

platform.linux_distribution() is deprecated; stop using it

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

Status:	Resolved	Start date:	12/07/2016
Priority:	Normal	Due date:	
Assignee:	Nathan Cutler	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Source:		Reviewed:	
Tags:		Affected Versions:	
Backport:	luminous	ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	
Description			
<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 #18141</p>			
Related issues:			
Duplicated by devops - Bug #23781: ceph-detect-init still uses python's platf...		Duplicate	04/18/2018
Copied to Ceph - Backport #39277: luminous: platform.linux_distribution() is...		Resolved	

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 Verified

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This bug is no longer applicable to master, because ceph-detect-init has been dropped there.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