

Ceph - Bug #8654

Parsing /etc/lsb-release for OSD metadata is not portable

06/24/2014 12:40 PM - Danny Al-Gaaf

Status:	Resolved	Start date:	06/24/2014
Priority:	Normal	Due date:	
Assignee:	Danny Al-Gaaf	% Done:	100%
Category:	OSD	Estimated time:	0.00 hour
Target version:		Spent time:	1.00 hour
Source:	Community (dev)	Reviewed:	
Tags:		Affected Versions:	
Backport:	firefly	ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	
Description			
Using /etc/lsb-release to get information about the distro is not recommended since it's not portable.			
Example: <code>cat /etc/lsb-release (Debian/Ubuntu)</code>			
<pre>DISTRIB_ID=Ubuntu DISTRIB_RELEASE=14.04 DISTRIB_CODENAME=trusty DISTRIB_DESCRIPTION="Ubuntu Trusty Tahr (development branch)"</pre>			
Example from SUSE:			
<pre>LSB_VERSION="core-2.0-noarch:core-3.2-noarch:core-4.0-noarch:core-2.0-x86_64:core-3.2-x86_64:core-4.0-x86_64"</pre>			
The only portable way to get this info is to use 'lsb_release -a'			

Associated revisions

Revision 0b3a3987 - 06/25/2014 01:06 PM - Danny Al-Gaaf

osd/OSD.cc: parse lsb release data via lsb_release

Use lsb_release tool to be portable since parsing /etc/lsb-release is not the same between different distributions. The old code failed e.g. for SUSE products to parse LSB information.

Fixes: #8654

Signed-off-by: Danny Al-Gaaf <danny.al-gaaf@bisect.de>

Revision 5d7add93 - 06/25/2014 01:13 PM - Loic Dachary

Merge pull request #2017 from ceph/wip-8654

Fix #8654 - OSD.cc: parse LSB data via lsb_release

Reviewed-by: Sage Weil <sage@inktank.com>
Reviewed-by: Loic Dachary <loic@dachary.org>

Revision 5be6f2f6 - 12/22/2014 09:54 PM - Danny AI-Gaaf

osd/OSD.cc: parse lsb release data via lsb_release

Use lsb_release tool to be portable since parsing /etc/lsb-release is not the same between different distributions. The old code failed e.g. for SUSE products to parse LSB information.

Fixes: #8654

Signed-off-by: Danny AI-Gaaf <danny.ai-gaaf@bisect.de>
(cherry picked from commit 0b3a3987d382ff33fdf892f189b30df22be80e59)

History

#1 - 06/24/2014 12:41 PM - Danny AI-Gaaf

Output from lsb_release -a:

\$ lsb_release -a

```
LSB Version:    core-2.0-noarch:core-3.2-noarch:core-4.0-noarch:core-2.0-x86_64:core-3.2-x86_64:core-4.0-x86_64:desktop-4.0-amd64:desktop-4.0-noarch:graphics-2.0-amd64:graphics-2.0-noarch:graphics-3.2-amd64:graphics-3.2-noarch:graphics-4.0-amd64:graphics-4.0-noarch
Distributor ID: SUSE LINUX
```

```
Description:    openSUSE 12.2 (x86_64)
```

```
Release:        12.2
```

```
Codename:       Mantis
```

From Ubuntu:

```
Distributor ID: Ubuntu
Description:    Ubuntu Trusty Tahr (development branch)
Release:        14.04
Codename:       trusty
```

#2 - 06/24/2014 03:35 PM - Danny Al-Gaaf

- % Done changed from 0 to 100

#3 - 07/29/2014 01:50 PM - Sage Weil

- Status changed from New to Resolved

#4 - 01/06/2015 03:17 AM - Loic Dachary

- Backport set to firefly

#5 - 01/06/2015 03:19 AM - Loic Dachary

- Status changed from Resolved to Pending Backport

#6 - 03/26/2015 03:25 PM - Loic Dachary

[5be6f2f](#) osd/OSD.cc: parse lsb release data via lsb_release (in firefly),

#7 - 03/26/2015 03:25 PM - Loic Dachary

- Status changed from Pending Backport to Resolved