

ceph-volume - Bug #24492

initial 'auto' scenario support

06/11/2018 05:10 PM - Alfredo Deza

Status: Resolved	% Done: 0%
Priority: Normal	
Assignee:	
Category:	
Target version:	
Source:	Affected Versions:
Tags:	ceph-qa-suite:
Backport: mimic	Pull request ID:
Regression: No	Crash signature (v1):
Severity: 3 - minor	Crash signature (v2):
Reviewed:	

Description

ceph-volume now has an `auto` sub-command that should allow automatic OSD creation given any number of drives. The initial support for this mechanism should allow to create **bluestore** OSDs from a number of drives.

This support should include:

- 1:1 drive to OSD if all detected/available devices are HDD (spinning)
- as large as possible block.db devices if there is a mix of HDD/solid (data on hdd, block.wal on solid)
- logic to identify incorrect/unsafe sizing of block.db or data LVs
- sizing and device type (solid/spinning) detection for usage, via ceph.conf or ENV vars

History

#1 - 08/03/2018 01:09 PM - Alfredo Deza

- Status changed from New to Pending Backport

master PR <https://github.com/ceph/ceph/pull/23075>

#2 - 08/12/2018 09:18 PM - Patrick Donnelly

backport field is empty

#3 - 08/13/2018 06:48 PM - Nathan Cutler

- Backport set to mimic

#4 - 08/13/2018 06:49 PM - Nathan Cutler

Setting to mimic - if luminous is needed, just add it. The script will pick it up on its next pass through.

#5 - 08/13/2018 07:00 PM - Alfredo Deza

- Status changed from Pending Backport to 15

#6 - 08/30/2018 05:48 PM - Alfredo Deza

- Status changed from 15 to Resolved

mimic backport: <https://github.com/ceph/ceph/pull/23777>

luminous backport: <https://github.com/ceph/ceph/pull/23778>