The DS drivers could be extended to be able to report stats about the DS infrastructure, like the free space left. This could be used to restrict the creation of new images in that DS.

If the probes are generic enough, we could add other functionality, like list the files inside the DS. The CLI/Sunstone can take this list of files, delete out the ones in the SOURCE of the DS Images, and report any extra unknown file to the admin... or even create a new image for each of these unknown files.

### Related issues:
- Related to Bug # 1206: Max disk, used disk (allocated and real) always report...

### Associated revisions

- Revision 00483802 - 06/26/2013 10:04 PM - Ruben S. Montero
  - feature #1613: Remove unneeded vmware check from clone plugin

- Revision d32c736b - 06/26/2013 11:11 PM - Ruben S. Montero
  - feature #1613: Function to list the oids of a Pool.

- Revision 9da1385e - 06/26/2013 11:34 PM - Ruben S. Montero
  - feature #1613: Add datastore monitor action call to OpenNebula core

- Revision 5186a0a4 - 06/27/2013 12:30 AM - Ruben S. Montero
  - feature #1613: Set callback for MONITOR action

- Revision dc7d8d23 - 06/27/2013 04:00 PM - Ruben S. Montero
  - feature #1613: Only show stderr if the execution fail

- Revision 6ee32c6a - 06/27/2013 04:06 PM - Ruben S. Montero
  - feature #1613: Total, free and used capacity for Datastore class
Revision 4d00e2bf - 06/27/2013 04:07 PM - Ruben S. Montero

feature #1613: Update Datastore information. Minor monitor fixes

Revision 0e2a8765 - 07/05/2013 03:41 PM - Ruben S. Montero

feature #1613: ondatastore command shows capacity information

Revision f689d1ea - 07/05/2013 07:14 PM - Ruben S. Montero

feature #1613: Triiger monitor actions when an image operation is made. Check datastore size before registering or cloning an image. RESERVED_SIZE and MAX_USED_SIZE control datastore capacity

Revision 196af214 - 07/06/2013 02:44 PM - Ruben S. Montero

feature #1613: Remove datastore config attribute (RESERVED_SIZE)

Revision b382934a - 07/06/2013 10:43 PM - Ruben S. Montero

feature #1613: Do not monitor datastores during bootstrap. Create datastore directories for fs if not present

Revision f2d57c87 - 07/06/2013 11:47 PM - Ruben S. Montero

feature #1613: Monitor for vmfs datastore

Revision 90191c01 - 07/07/2013 12:07 AM - Ruben S. Montero

feature #1613

Revision ea091714 - 07/07/2013 12:08 AM - Ruben S. Montero

feature #1613: Remove comment

Revision 032f5ca4 - 07/07/2013 12:10 AM - Ruben S. Montero

feature #1613: Monitor for LVM

Revision 622a0edeb - 07/09/2013 02:34 PM - Ruben S. Montero

feature #1613: Checks on monitor callback

Revision 75ce5607 - 07/09/2013 05:09 PM - Jaime Melis
feature #1613: Monitor for ceph datastore

Revision da404534 - 07/10/2013 03:48 PM - Ruben S. Montero

feature #1613: New configuration attribute to make optional capacity checking

Revision 8418ec8d - 07/10/2013 04:22 PM - Ruben S. Montero

feature #1613: Check save_as operations

(cherry picked from commit e2d11a0e1629664d5b89e1a7073f743cca91745a)

Revision 0a89143d - 07/10/2013 04:32 PM - Jaime Melis

feature #1613: Monitor for dummy and iscsi datastores

Revision 91288d8b - 07/12/2013 01:27 PM - Carlos Martin

Feature #1613: Change df command options for older versions

Revision 8df7cb81 - 07/12/2013 02:51 PM - Carlos Martin

Feature #1613: Do not monitor system DS

Revision a771e7e2 - 07/12/2013 02:51 PM - Carlos Martin

Feature #1613: Minor changes

Revision bde67706 - 07/12/2013 03:06 PM - Carlos Martin

Feature #1613: Add new elements to migrator

Revision 0069bb38 - 07/12/2013 04:26 PM - Carlos Martin

Feature #1613: Add DS capacity to sunstone

Revision d83c40e9 - 07/15/2013 10:22 AM - Carlos Martin

Feature #1613: Change Sunstone capacity progress bar

Revision 62a56e7c - 07/15/2013 10:31 AM - Carlos Martin

Feature #1613: Change Sunstone capacity progress bar
Revision 02fa0099 - 07/15/2013 01:31 PM - Carlos Martín

Feature #1613: Monitor DS as soon as oned starts

Revision 0754916d - 07/15/2013 01:33 PM - Carlos Martín

Feature #1613: Monitor DS as soon as oned starts

Revision 96cb95f0 - 07/16/2013 10:57 AM - Jaime Melis

Feature #1613: return with error if ssh connection was unsuccessful for ceph, iscsi, lvm and vmfs monitors

Revision 9780c7da - 07/16/2013 10:57 AM - Jaime Melis

Feature #1613: return with error if ssh connection was unsuccessful for ceph, iscsi, lvm and vmfs monitors

History

#1 - 02/28/2013 03:14 AM - Ruben S. Montero
- Target version deleted (Release 4.0)

#2 - 05/09/2013 02:42 PM - Ruben S. Montero
- Category changed from Drivers - Auth to Core & System
- Priority changed from Normal to High

#3 - 05/13/2013 08:40 PM - Ruben S. Montero
- Target version set to Release 4.2

#4 - 07/15/2013 11:03 AM - Ruben S. Montero
- Target version changed from Release 4.2 to Release 4.4

#5 - 07/30/2013 04:20 PM - Ruben S. Montero
- Status changed from New to Closed
- Target version changed from Release 4.4 to Release 4.2
- Resolution set to fixed