OpenNebula - Feature #1449
READONLY, CLONE and SAVE attributes need to be revisited

09/10/2012 10:12 AM - Jaime Melis

Status:	Closed		**Start date:**	09/10/2012
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Core & System		**Estimated time:**	0.00 hour
Target version:	Release 4.0			
Resolution:	fixed		**Pull request:**	

Description

READONLY, CLONE and SAVE are automatically set depending on the image type and persistency. This need to be changed in order to overrride the default image parameters, i.e.:

    DISK = [IMAGE_ID = <ID>, SAVE = NO, CLONE = NO, READONLY = YES]

The above configuration can't be achieved currently.

Associated revisions

Revision d797d04a - 01/17/2013 10:14 PM - Ruben S. Montero

feature #1449: Adds the IMMUTABLE persistent_type. This means that a persistent image will not be cloned and will not be modified, thus READONLY = YES and SAVE = NO

History

#1 - 09/14/2012 10:57 AM - Ruben S. Montero

- Tracker changed from Bug to Feature

- Target version changed from Release 3.8 to Release 4.0

#2 - 09/14/2012 11:00 AM - Jaime Melis

- Resolution set to duplicate

This ticket is a duplicate of http://dev.opennebula.org/issues/1395 which already provides a patch.

#3 - 09/14/2012 11:00 AM - Jaime Melis

- Status changed from New to Closed

#4 - 09/14/2012 11:18 AM - Jaime Melis

- Status changed from Closed to New

- Resolution deleted (duplicate)

Disregard the previous message. This ticket isn't a duplicate.

#5 - 01/17/2013 10:29 PM - Ruben S. Montero

- Status changed from New to Closed

- Resolution set to fixed

This is now implemented in master. I think it can be applied to the 3.8 branch as is (let me know if there is any problem). The new feature will let you:

  - Specify the PERSISTENT_TYPE in an image template. If an image has PERSISTENT_TYPE="IMMUTABLE" in its template it will be treated as a persistent image but as it will be immutable it has READONLY="YES" (exposed as ro by the hypervisor) and SAVE="NO" (no move back operations will be performed)

  - READONLY flag can be set per DISK or IMAGE.

To try the suggested scenario, just set the image persistent and set it to immutable.