

## OpenNebula - Bug #5172

### Incorrect SIZE on qcow2 images from remote sources

05/29/2017 12:50 PM - Boris Parak

<b>Status:</b>	Closed	<b>Start date:</b>	05/29/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Core & System	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Release 5.4.1	<b>Pull request:</b>	
<b>Resolution:</b>			
<b>Affected Versions:</b>	OpenNebula 5.2		

#### Description

When a qcow2 (or any other non-raw image) is downloaded from a remote source, its SIZE is determined from Content-Length. This leads to incorrect SIZE attributes on IMAGES and breaks resizing. Users are often unknowingly trying to shrink the image (which is not supported by qemu-img).

In ``datastore_mad/remotes/libfs.sh``, I can see:

```
http://*|https://*)
  HEADERS=`curl -Lk --max-time 60 $1 2>&1`

  if echo "$HEADERS" | grep -i -q "OpenNebula-AppMarket-Size"; then
    # An AppMarket/Marketplace URL
    SIZE=$(echo "$HEADERS" | grep -i "^OpenNebula-AppMarket-Size:" | tail -n1 | cut -d: -f2)
  else
    # Not an AppMarket/Marketplace URL
    SIZE=$(echo "$HEADERS" | grep -i "^Content-Length:" | tail -n1 | cut -d: -f2)
  fi
  error=$?
;;
```

Does this mean that you are using a workaround for OpenNebula Marketplace and setting the correct size without looking at the actual file size?

Are there any plans for getting SIZE after the file is downloaded or, at least, exposing a way to refresh this information later (on registered IMAGES)?

#### Associated revisions

**Revision 50e74647 - 09/11/2017 09:17 AM - Vlastimil Holer**

B #5172: Detect remote image size (#465)

**Revision f417cfc3 - 09/11/2017 09:17 AM - Vlastimil Holer**

B #5172: Detect remote image size (#465)

(cherry picked from commit 50e74647693e4c471ec131caf163295f031d97fc)

## History

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### #1 - 07/05/2017 09:30 AM - Ruben Diez Lazaro

This bug also affects to our infrastructure. For some users, the system try to shrink the disks images, so the VM fails to be created.

### #2 - 09/11/2017 09:19 AM - Ruben S. Montero

- *Status changed from Pending to Closed*
- *Target version set to Release 5.4.1*