

## OpenNebula - Bug #1368

### Clone image stores bad source

07/17/2012 09:56 AM - Joaquin Villanueva

<b>Status:</b>	Closed	<b>Start date:</b>	07/17/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Drivers - Auth	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Release 3.8	<b>Pull request:</b>	
<b>Resolution:</b>	worksforme		
<b>Affected Versions:</b>	OpenNebula 3.6		

#### Description

Hi,

I'm developing a new datastore driver for Equallogic iSCSI devices.

Testing the clone feature, seems the Source field of the new image is filled with the datastore real path, but must be filled with the destination value echoed from the clone script:

Source image:

Name: test01

Source: 172.30.0.1:iqn.2001-05.com.equallogic:0-8a0906-d3b445203-ed60016ef1250005-test01

Path: --

Cloned image:

Name: test05

Source: /var/lib/one/datastores/104

Path: 172.30.0.1:iqn.2001-05.com.equallogic:0-8a0906-d3b445203-ed60016ef1250005-test01

Source value in the cloned image must be

172.30.0.1:iqn.2001-05.com.equallogic:0-8a0906-ad4445203-2500016ef2a50051-test05, but /var/lib/one/datastores/104 is stored. Correct value is returned at the end of the clone script, as shown in the log

Log:

Tue Jul 17 09:58:47 2012 [ReM][D]: ImageClone method invoked

Tue Jul 17 09:58:47 2012 [ImM][I]: Cloning image

172.30.0.1:iqn.2001-05.com.equallogic:0-8a0906-d3b445203-ed60016ef1250005-test01 to repository as image 89

Tue Jul 17 09:58:49 2012 [ReM][D]: ImagePoolInfo method invoked

Tue Jul 17 09:58:52 2012 [ImG][D]: Message received: LOG I 89 clone: Cloning volume test01 on 172.30.0.1 to test05

Tue Jul 17 09:58:52 2012 [ImM][I]: clone: Cloning volume test01 on 172.30.0.1 to test05

Tue Jul 17 09:58:52 2012 [ImG][D]: Message received: LOG I 89 clone: Cloned image

iqn.2001-05.com.equallogic:0-8a0906-ad4445203-2500016ef2a50051-test05

Tue Jul 17 09:58:52 2012 [ImM][I]: clone: Cloned image

iqn.2001-05.com.equallogic:0-8a0906-ad4445203-2500016ef2a50051-test05

Tue Jul 17 09:58:52 2012 [ImG][D]: Message received: LOG I 89 clone: Setting multihost access for volume test05 on 172.30.0.1

Tue Jul 17 09:58:52 2012 [ImM][I]: clone: Setting multihost access for volume test05 on 172.30.0.1

Tue Jul 17 09:58:52 2012 [ImG][D]: Message received: LOG I 89 clone: Setting security access for volume test05 on 172.30.0.1

Tue Jul 17 09:58:52 2012 [ImM][I]: clone: Setting security access for volume test05 on 172.30.0.1  
Tue Jul 17 09:58:52 2012 [ImG][D]: Message received: LOG I 89 ExitCode: 0  
Tue Jul 17 09:58:52 2012 [ImM][I]: ExitCode: 0  
Tue Jul 17 09:58:52 2012 [ImG][D]: Message received: CLONE SUCCESS 89 /var/lib/one/datastores/104 test05  
172.30.0.1:iqn.2001-05.com.equallogic:0-8a0906-d3b445203-ed60016ef1250005-test01 5120 test01  
Tue Jul 17 09:58:52 2012 [ImM][I]: Image cloned and ready to use.  
Tue Jul 17 09:58:52 2012 [ImG][D]: Message received:  
172.30.0.1:iqn.2001-05.com.equallogic:0-8a0906-ad4445203-2500016ef2a50051-test05

The clone operation seems to ignore the extra parameters shown at the CLONE SUCCESS log message. I don't know if the iscsi datastore driver is also affected for this behavior (i can't test it).

This error makes unusable the cloned image, as the source field points to the datastore path at /var/lib/one, not to the host:target needed to locate the image.

I hope to end development of the eqlscsi datastore driver and the eqlscsi transfer driver in the next days. Almost finished, now testing all the functions with the new 3.6 release and ironing the last bugs.

Best regards,

Joaquin Villanueva  
ACB

## History

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### #1 - 07/18/2012 09:01 AM - Ruben S. Montero

- Target version set to Release 3.8

### #2 - 07/18/2012 12:14 PM - Joaquin Villanueva

Hi,

After a more thorough debugging session of my datastore scripts, seems the bug reported was my fault. After restructuring some helper functions, the message received at the datastore controller now is clean and only returns the HOST:IQN data needed. There was some extra data leaking to stdout merged with the correct data echoed by the script.

Sorry for the inconvenience, please mark this bug as solved.

Best regards,

Joaquin Villanueva  
ACB

### #3 - 07/27/2012 07:46 PM - Ruben S. Montero

- Status changed from New to Closed

- Resolution set to worksforme

Hi,

Yes, checking the OpenNebula core it sets the source. Closing this one...

Thanks for your feedback!