

## OpenNebula - Bug #1636

### TM Clone fails with VMFS datastore using SSH

11/05/2012 08:17 PM - Tino Vázquez

<b>Status:</b>	Closed	<b>Start date:</b>	11/05/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Tino Vázquez	<b>% Done:</b>	0%
<b>Category:</b>	Drivers - Auth	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Release 4.0	<b>Pull request:</b>	
<b>Resolution:</b>			
<b>Affected Versions:</b>	OpenNebula 3.8		
<b>Description</b>			

#### Associated revisions

**Revision 73a2e4ad - 11/05/2012 08:23 PM - Tino Vázquez**

bug #1636: Fix for VMFS TM Clone using SSH

**Revision b3bf6236 - 11/07/2012 03:05 PM - Javi Fontan**

Revert "bug #1636: Fix for VMFS TM Clone using SSH"

This reverts commit 73a2e4aded827f90f577ba4947a36c0447754f8e.

#### History

**#1 - 11/06/2012 12:21 AM - Tino Vázquez**

- Status changed from New to Closed

- Resolution set to invalid

This bug is invalid, it comes from a false assumption about the DATASTORE\_LOCATION translation done by de core (I believed it didn't get translated for a missconfiguration on my testbed)

**#2 - 12/18/2012 11:18 AM - Giovanni Toraldo**

Hi Tino,

can you elaborate on your last comment?

I am facing this problem (the clone command executex via ssh on the remote ESXi is referring the source image with my \$ONE\_LOCATION path instead of /vmfs/volumes), and I set DATASTORE\_LOCATION to /vmfs/volumes in oned.conf.

Which configuration is needed to make it work?

Thanks!

**vm.log**

```
Tue Dec 18 12:06:46 2012 [TM][I]: Command execution fail: /srv/cloud/var/remotes/tm/vmfs/clone
```

```
hydra:/srv/cloud/var/datastores/101/e4b3c182f5bd5d65062bb99e0ba0bf31 vmware001:/vmfs/volumes/100/5/disk.0 5 101
Tue Dec 18 12:06:46 2012 [TM][I]: clone: Cloning /srv/cloud/var/datastores/101/e4b3c182f5bd5d65062bb99e0ba0bf31 in
vmware001:/vmfs/volumes/100/5/disk.0
Tue Dec 18 12:06:46 2012 [TM][E]: clone: Command "cd /vmfs/volumes/100/5
Tue Dec 18 12:06:46 2012 [TM][I]:
Tue Dec 18 12:06:46 2012 [TM][I]: export PATH=/usr/sbin:/sbin:$PATH
Tue Dec 18 12:06:46 2012 [TM][I]:
Tue Dec 18 12:06:46 2012 [TM][I]: if which sudo > /dev/null; then
Tue Dec 18 12:06:46 2012 [TM][I]: SUDO_CMD="sudo "
Tue Dec 18 12:06:46 2012 [TM][I]: fi
Tue Dec 18 12:06:46 2012 [TM][I]:
Tue Dec 18 12:06:46 2012 [TM][I]: $SUDO_CMD vmkfstools -U /vmfs/volumes/100/5/disk.0/disk.vmdk
Tue Dec 18 12:06:46 2012 [TM][I]: $SUDO rm /vmfs/volumes/100/5/disk.0/*
Tue Dec 18 12:06:46 2012 [TM][I]: $SUDO_CMD vmkfstools -i /srv/cloud/var/datastores/101/e4b3c182f5bd5d65062bb99e0ba0bf31/disk.vmdk
-d thin /vmfs/volumes/100/5/disk.0/disk.vmdk" failed: Failed to delete virtual disk: The system cannot find the file specified (25).
Tue Dec 18 12:06:46 2012 [TM][I]: rm: cannot remove '/vmfs/volumes/100/5/disk.0/*': No such file or directory
Tue Dec 18 12:06:46 2012 [TM][I]: DiskLib_Check() failed for source disk The system cannot find the file specified (25).
Tue Dec 18 12:06:46 2012 [TM][E]: Error cloning hydra:/srv/cloud/var/datastores/101/e4b3c182f5bd5d65062bb99e0ba0bf31 to
vmware001:/vmfs/volumes/100/5/disk.0
Tue Dec 18 12:06:46 2012 [TM][I]: ExitCode: 255
Tue Dec 18 12:06:46 2012 [TM][E]: Error executing image transfer script: Error cloning
hydra:/srv/cloud/var/datastores/101/e4b3c182f5bd5d65062bb99e0ba0bf31 to vmware001:/vmfs/volumes/100/5/disk.0
```

### #3 - 12/19/2012 10:23 AM - Giovanni Toraldo

I tried to make it work for my use case (I need to use vmkfstools because standard vmware driver doing cp gives bad performances over NFS datastores).

I cherry-picked two of your commits, and applied the same logic for LN script too in vmfs drivers:

<https://github.com/liberologico/one/commits/one-3.8%2Bvmfs>

And it works for me.

What I am missing?

Thanks!

### #4 - 12/19/2012 01:44 PM - Tino Vázquez

Hi Giovanni,

IIRC, this comes from creating the datastore with the wrong DATASTORE\_LOCATION set. Try recreating the datastore with the correct DATASTORE\_LOCATION.

If this doesn't help, please send to the users mailing list the output of:

- onedatastore show -x 101
- onedatastore show -x 102

- the vm.log of the failed VM
- oned.log

**#5 - 12/27/2012 09:07 AM - Ruben S. Montero**

- *Status changed from Closed to Assigned*
- *Resolution deleted (invalid)*

Just reopening it, to confirm if the problem persists.

**#6 - 04/02/2013 04:12 PM - Ruben S. Montero**

- *Status changed from Assigned to Closed*