

## OpenNebula - Bug #3768

### destination node not cleaned up when migrate --live fail

04/21/2015 10:34 AM - Anton Todorov

<b>Status:</b>	Closed	<b>Start date:</b>	04/21/2015
<b>Priority:</b>	Sponsored	<b>Due date:</b>	
<b>Assignee:</b>	Javi Fontan	<b>% Done:</b>	0%
<b>Category:</b>	Drivers - VM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Release 4.14	<b>Pull request:</b>	
<b>Resolution:</b>	fixed		
<b>Affected Versions:</b>	OpenNebula 4.10, OpenNebula 4.12		

#### Description

I noted this while developing the StorPool driver. I am marking as a bug but probably it should be marked as feature?

Here is the scenario to reproduce:

1. Prepare migrate --live failure: add second disk to VM with CACHE=default or set CACHE attribute on the current disk (for this issue I will open separate report)
2. Issue live migrate command via sunstone or shell command
3. The migrate will fail with the following log:

```
Tue Apr 21 13:13:35 2015 [Z0][DiM][D]: Live-migrating VM 5
Tue Apr 21 13:13:35 2015 [Z0][ReM][D]: Req:3616 UID:0 VirtualMachineMigrate result SUCCESS, 5
Tue Apr 21 13:13:35 2015 [Z0][ReM][D]: Req:9920 UID:0 VirtualMachineInfo invoked , 5
Tue Apr 21 13:13:35 2015 [Z0][ReM][D]: Req:9920 UID:0 VirtualMachineInfo result SUCCESS, "<VM><ID>5</ID><UID>0..."
Tue Apr 21 13:13:37 2015 [Z0][ImM][I]: --Mark--
Tue Apr 21 13:13:38 2015 [Z0][VMM][D]: Message received: LOG I 5 Successfully execute transfer manager driver operation:
tm_premigrate.
Tue Apr 21 13:13:38 2015 [Z0][VMM][D]: Message received: LOG I 5 ExitCode: 0
Tue Apr 21 13:13:38 2015 [Z0][VMM][D]: Message received: LOG I 5 Successfully execute network driver operation: pre.
Tue Apr 21 13:13:39 2015 [Z0][VMM][D]: Message received: LOG I 5 Command execution fail: /var/tmp/one/vmm/kvm/migrate
'one-5' 's05' 's06' 5 s06
Tue Apr 21 13:13:39 2015 [Z0][VMM][D]: Message received: LOG E 5 migrate: Command "virsh --connect qemu:///system
migrate --live one-5 qemu+ssh://s05/system" failed: error: Unsafe migration: Migration may lead to data corruption if disks use
cache != none
Tue Apr 21 13:13:39 2015 [Z0][VMM][D]: Message received: LOG E 5 Could not migrate one-5 to s05
Tue Apr 21 13:13:39 2015 [Z0][VMM][D]: Message received: LOG I 5 ExitCode: 1
Tue Apr 21 13:13:39 2015 [Z0][VMM][D]: Message received: LOG I 5 Failed to execute virtualization driver operation: migrate.
Tue Apr 21 13:13:39 2015 [Z0][VMM][D]: Message received: MIGRATE FAILURE 5 Could not migrate one-5 to s05
Tue Apr 21 13:13:42 2015 [Z0][VMM][D]: Message received: POLL SUCCESS 5 STATE=a USEDGPU=0.0
USEDMEMORY=786432 NETRX=53287 NETTX=53865
```

The tm\_premigrate task is complete, files are copied but migrate failed so we have VM running on source node and copied files on the destination node.

IMHO here a hook should be triggered to clean files from the destination node

#### Associated revisions

Revision bdd231bf - 06/03/2015 10:17 PM - Javi Fontan

bug #3768: add tm/failmigrate call on error

Revision adc3e0e4 - 06/04/2015 07:43 PM - Javi Fontan

bug #3768: add placeholder failmigrate script

## History

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### #1 - 04/27/2015 03:25 PM - Ruben S. Montero

- *Category changed from Drivers - Storage to Drivers - VM*
- *Status changed from Pending to New*
- *Assignee set to Javi Fontan*
- *Priority changed from Normal to Sponsored*
- *Target version set to Release 4.14*

Thanks for the heads up!

### #2 - 06/04/2015 04:12 PM - Javi Fontan

Now on migration fail a new call to tm failmigration script is done with the same parameters as premigration.

### #3 - 09/14/2015 11:08 AM - Javi Fontan

- *Status changed from New to Closed*
- *Resolution set to fixed*