

OpenNebula - Bug #5355

Can't migrate a VM between two fs_lvm system DS on the same host

09/07/2017 12:59 PM - Florent Peyraud

Status:	Pending	Start date:	09/07/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Drivers - Storage	Estimated time:	0.00 hour
Target version:		Pull request:	
Resolution:			
Affected Versions:	OpenNebula 5.0, OpenNebula 5.2, OpenNebula 5.4		

Description

Hi

Trying to migrate a VM between two fs_lvm system DS on the same host, I faced an issue preventing the migration to occur
Here are the logs corresponding to the failing try :

```
==> /var/log/one/56.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][I]: Command execution fail: /var/lib/one/remotes/tm/fs_lvm/mv  
host2.af83.priv:/var/lib/one//datastores/0/56/disk.0 host2.af83.priv:/var/lib/one//datastores/106/56/disk.0 56 101
```

```
==> /var/log/one/oned.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][D]: Message received: LOG E 56 mv: Command "mv /var/lib/one/datastores/0/56/disk.0  
/var/lib/one/datastores/106/56/disk.0" failed: mv: cannot move '/var/lib/one/datastores/0/56/disk.0' to  
'/var/lib/one/datastores/106/56/disk.0': No such file or directory
```

```
==> /var/log/one/56.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][E]: mv: Command "mv /var/lib/one/datastores/0/56/disk.0  
/var/lib/one/datastores/106/56/disk.0" failed: mv: cannot move '/var/lib/one/datastores/0/56/disk.0' to  
'/var/lib/one/datastores/106/56/disk.0': No such file or directory
```

```
==> /var/log/one/oned.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][D]: Message received: LOG E 56 Error moving VM files to another System DS:  
/var/lib/one/datastores/0/56/disk.0 to /var/lib/one/datastores/106/56/disk.0 in host2.af83.priv
```

```
==> /var/log/one/56.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][E]: Error moving VM files to another System DS: /var/lib/one/datastores/0/56/disk.0 to  
/var/lib/one/datastores/106/56/disk.0 in host2.af83.priv
```

```
==> /var/log/one/oned.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][D]: Message received: LOG I 56 ExitCode: 1
```

```
==> /var/log/one/56.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][I]: ExitCode: 1
```

```
==> /var/log/one/oned.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][D]: Message received: TRANSFER FAILURE 56 Error moving VM files to another System  
DS: /var/lib/one/datastores/0/56/disk.0 to /var/lib/one/datastores/106/56/disk.0 in host2.af83.priv
```

```
==> /var/log/one/56.log <==
```

```
Tue Sep 5 09:53:50 2017 [Z0][TM][E]: Error executing image transfer script: Error moving VM files to another System DS:  
/var/lib/one/datastores/0/56/disk.0 to /var/lib/one/datastores/106/56/disk.0 in host2.af83.priv
```

Tue Sep 5 09:53:50 2017 [Z0][VM][I]: New LCM state is PROLOG_MIGRATE_POWEROFF_FAILURE

The image is not persistent

I think the MV operation is incorrect. It should probably be something like LVCREATE followed by a DD

Thanks for your investigation