## Description

**Datastore:** Filesystem  
**Transfer:** Shared  
**Version:** OpenNebula 3.8.3-1, OpenNebula 4.0.1

```bash
[~/var/datastores/102/300]$ ls -la
```
total 388  
drwxr-xr-x 2 oneadmin cloud  4096 Jun  5 14:33 .  
drwxr-xr-x 8 oneadmin cloud  4096 Jun  5 13:25 ..  
-rw-r--r-- 1 oneadmin cloud  972 Jun  5 13:26 deployment.0  
-lrwxrwxrwx 1 oneadmin cloud  60 Jun  5 13:26 disk.0 -> /var/lib/one/datastores/103/614f4586ec261ed2eb19c7e30d4cb5bd  
-rw-r--r-- 1 oneadmin cloud 374784 Jun  5 13:26 disk.1  
-lrwxrwxrwx 1 oneadmin cloud  38 Jun  5 13:26 disk.1.iso -> /var/lib/one/datastores/102/300/disk.1

### Attaching persistent disk:

**Wed Jun  5 14:35:23 2013 [VMM][D]:** Message received: LOG I 300 ln: Linking  
/var/lib/one/datastores/103/afe0fb0981db87e9d18254846095671f in node2:/var/lib/one/datastores/102/300/disk.2

**Wed Jun  5 14:35:23 2013 [VMM][D]:** Message received: LOG I 300 ExitCode: 0

**Wed Jun  5 14:35:23 2013 [VMM][D]:** Message received: LOG I 300 Successfully execute transfer manager driver operation: tm_attach.

**Wed Jun  5 14:35:28 2013 [VMM][D]:** Message received: LOG I 300 Successfully execute virtualization driver operation: attach_disk.

```
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[~/var/datastores/102/300]$ ls -la
```
...  
lrwxrwxrwx 1 oneadmin cloud  60 Jun  5 13:46 disk.2 -> /var/lib/one/datastores/103/afe0fb0981db87e9d18254846095671f  
[~/var/datastores/102/300]$ ls -lah /var/lib/one/datastores/103/afe0fb0981db87e9d18254846095671f  
-rw-rw-r-- 1 oneadmin oneadmin 546M Jun  5 13:45 /var/lib/one/datastores/103/afe0fb0981db87e9d18254846095671f

### Detaching disk:

**Wed Jun  5 14:38:07 2013 [VMM][D]:** Message received: LOG I 300 ExitCode: 0

**Wed Jun  5 14:38:07 2013 [VMM][D]:** Message received: LOG I 300 Successfully execute virtualization driver operation: detach_disk.

**Wed Jun  5 14:38:13 2013 [VMM][D]:** Message received: LOG I 300 mvds: Moving /var/lib/one/datastores/102/300/disk.2 to datastore as /var/lib/one/datastores/103/afe0fb0981db87e9d18254846095671f

**Wed Jun  5 14:38:13 [VMM][D]:** Message received: LOG I 300 ExitCode: 0
Symmlink still exist.

Attaching non-persistent disk:

```bash
ls -lah /var/lib/one/datastores/103/afe0fb0981db87e9d18254846095671f
```

If attach persistent image, symlink is recreating to new place.

Associated revisions

**Revision 13d719a2 - 06/10/2013 04:42 PM - Javi Fontan**

- bug #2104: delete unused persistent disk links

**Revision 6016c2d6 - 06/10/2013 04:44 PM - Javi Fontan**

- bug #2104: delete unused persistent disk links
  (cherry picked from commit 13d719a2b391cf8836ae3b264aa51a6819e58a0a)

**Revision 509b12a7 - 06/10/2013 04:45 PM - Javi Fontan**

- bug #2104: delete unused persistent disk links
  (cherry picked from commit 13d719a2b391cf8836ae3b264aa51a6819e58a0a)

History

**#1 - 06/10/2013 03:00 PM - Javi Fontan**
- Category set to Drivers - Storage
- Status changed from Pending to Assigned
- Assignee set to Javi Fontan
- Target version set to Release 3.8.4
- Affected Versions OpenNebula 3.8 added
mvds tm script for shared drivers do nothing when the source and the destination links is the same. It should delete the links, at least for files.

The code that should do this:

```bash
if [ -d $SRC_PATH ]; then
    if [ -L $SRC_PATH -a "$SRC_READLN" = "$DST_READLN" ]; then
        echo "Not moving files to image repo, they are the same"
    elif [ -f $SRC_PATH/.is_persistent ]; then
        echo "Not moving files to image repo, they are the same"
    else
        mv -f $SRC_PATH/* $DST_PATH
    fi
fi
elif [ -L $SRC_PATH -a "$SRC_READLN" = "$DST_READLN" ]; then
    echo "Not moving files to image repo, they are the same"
else
    mv -f $SRC_PATH $DST_PATH
fi
```

#2 - 06/10/2013 04:46 PM - Javi Fontan
- Status changed from Assigned to Closed
  - Resolution set to fixed

Done for branches 3.8, 4.0 and master