

# OpenNebula - Bug #268

## VM deleting goes nirvana

06/24/2010 12:02 PM - Marlon Nerling

<b>Status:</b>	Closed	<b>Start date:</b>	06/24/2010
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>	Core & System	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Release 2.0	<b>Pull request:</b>	
<b>Resolution:</b>	fixed		
<b>Affected Versions:</b>			

### Description

After a onevm delete 4775 the vm status stays forever deleting. It happens 30% of the time.

A look on the oned.log file shows me the symptoms:

(SNIP)

Thu Jun 24 10:24:25 2010 [ReM][D]: VirtualMachineAction invoked

Thu Jun 24 10:24:25 2010 [DiM][D]: Finalizing VM 4755

Thu Jun 24 10:24:26 2010 [ONE][E]: SQL command was: INSERT OR REPLACE INTO host\_attributes (id,name,type,value) VALUES (49,'ARCH',0,'x86\_64'), error: database is locked

Thu Jun 24 10:24:27 2010 [VMM][D]: Message received: LOG - 4755 Driver command for 4755 cancelled

Thu Jun 24 10:24:28 2010 [ONE][E]: SQL command was: INSERT OR REPLACE INTO vm\_pool

(oid,uid,name,last\_poll,template\_id,state,lcm\_state,stime,etime,deploy\_id,memory,cpu,net\_tx,net\_rx) VALUES (4755,0,'T200332DE',1277367851,4755,6,0,1277364732,1277367867,'one-4755',3072000,0,0,0), error: database is locked

Thu Jun 24 10:24:29 2010 [ONE][E]: SQL command was: DELETE FROM leases WHERE oid='4' AND ip='3232235527', error: database is locked

Thu Jun 24 10:24:29 2010 [TM][D]: Message received: LOG - 4755 tm\_delete.sh: SOURCE: 172.22.0.4:/var/lib/one//4755/images

Thu Jun 24 10:24:29 2010 [TM][D]: Message received: LOG - 4755 tm\_delete.sh: DESTINY: 172.22.0.4:/var/lib/one//4755/images

Thu Jun 24 10:24:29 2010 [TM][D]: Message received: LOG - 4755 tm\_delete.sh: Executed "ssh 172.22.0.4 mkdir -p /var/lib/one//4755".

Thu Jun 24 10:24:29 2010 [TM][D]: Message received: LOG - 4755 tm\_delete.sh: Deleting 172.22.0.4:/var/lib/one//4755/images

Thu Jun 24 10:24:29 2010 [TM][D]: Message received: LOG - 4755 tm\_delete.sh: Executed "ssh 172.22.0.4 ionice -c3 rm -rf /var/lib/one//4755".

Thu Jun 24 10:24:29 2010 [TM][D]: Message received: TRANSFER SUCCESS 4755 -

Thu Jun 24 10:24:30 2010 [VMM][D]: Message received: CANCEL SUCCESS 4755 -

(SNIP)

This happen not only on delete, but more offer then.

I have now 3 of them, in only one hour, in the week it goes to 30 of them.

### Associated revisions

Revision bb33da70 - 04/19/2017 02:32 PM - Jaime Melis

Merge pull request #268 from juanmont/feature-hollow

removed hollow attribute

### History

#1 - 06/24/2010 12:04 PM - Marlon Nerling

This issue is reality since the version 1.2.

But now, with our infrastructure being used often it starts to hurt.

**#2 - 06/24/2010 12:32 PM - Marlon Nerling**

From interest is that one forget the VM, as if it was not his job to look for it.

So, to diminish my headaches I stop opennebula one time in the week and delete the failed leases and history, set the correct values on vm\_pool by hand:

```
DELETE FROM leases WHERE vid IN ( SELECT oid FROM vm_pool WHERE lcm_state=15 );
```

```
UPDATE vm_pool SET state=6, lcm_state=0 WHERE lcm_state=15;
```

```
DELETE FROM history WHERE vid NOT IN ( SELECT vid FROM leases ); ## I really don't need so much history!!
```

```
DELETE FROM vm_attributes WHERE id NOT IN ( SELECT vid FROM leases ) AND vid NOT IN ( ## LIST OF MY TEMPLATES ); ## I really don't need so much history!! My templates use part of the vm_attributes.
```

**#3 - 07/19/2010 07:25 PM - Tino Vázquez**

- Target version changed from Release 1.4 to Release 2.0

- % Done changed from 0 to 100

- Resolution set to fixed

This issue is caused by the "oned" and "mm\_sched" process trying to access the DB simultaneously.

In 1.6 there had been a redesign, so now only the "oned" process accesses the DB. Also, we have added support to "mysql" DB. Therefore, this bug is being closed.

**#4 - 10/22/2010 07:11 PM - Javi Fontan**

- Status changed from New to Closed