

## OpenNebula - Bug #1817

### oned hang

03/19/2013 04:14 PM - Marco Losa

<b>Status:</b> Closed	<b>Start date:</b> 03/19/2013
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Pull request:</b>
<b>Resolution:</b> fixed	
<b>Affected Versions:</b> OpenNebula 3.8	

**Description**

Dear support,

we have installed OpenNebula 3.8 from the source on Linux Gentoo, after the one start we can execute the one's command (like "onevm -list" or similar) for 10 or 15 times, then we have execution expired. We have this result with mysql and sqlite.

### History

#### #1 - 03/19/2013 09:03 PM - Ruben S. Montero

Could you attach the oned.log file? Any hint to reproduce this? Is the process still running? Any changes in the networking configuration (specially http proxy's)?

#### #2 - 03/20/2013 02:13 PM - Marco Losa

- File oned.log added

- File sched.log added

Thanks very much for the fast response, so the step to generate the error is:

```
oneadmin@~ $ one start
```

```
oneadmin@~ $ ps -eaf|grep one
```

```
oneadmin 25199 25135 0 14:49 pts/0 00:00:00 su - oneadmin
```

```
oneadmin 25200 25199 0 14:49 pts/0 00:00:00 -su
```

```
oneadmin 25207 1 0 14:49 pts/0 00:00:00 /usr/bin/oned -f
```

```
oneadmin 25208 1 0 14:49 pts/0 00:00:00 /usr/bin/mm_sched
```

```
oneadmin 25257 25207 1 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_vmm_exec.rb -t 15 -r 0 kvm
```

```
oneadmin 25267 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_im_exec.rb -r 0 -t 15 kvm
```

```
oneadmin 25273 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_tm.rb -t 15 -d dummy,lvm,shared,qcow2,ssh,vmfs,iscsi
```

```
oneadmin 25282 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_hm.rb
```

```
oneadmin 25292 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_datastore.rb -t 15 -d fs,vmware,vmfs,iscsi,lvm
```

```
oneadmin 25301 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_auth_mad.rb --authn ssh,x509,ldap,server_cipher,server_x509
```

```
oneadmin@~ $ onevm list
```

```
ID USER GROUP NAME STAT UCPU UMEM HOST TIME
```

**We can do this from 10 times, then:**

```
oneadmin@~ $ onevm list
execution expired
```

```
oneadmin@~ $ ps -eaf|grep one
```

```
oneadmin 25199 25135 0 14:49 pts/0 00:00:00 su - oneadmin
oneadmin 25200 25199 0 14:49 pts/0 00:00:00 -su
oneadmin 25207 1 0 14:49 pts/0 00:00:00 /usr/bin/oned -f
oneadmin 25257 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_vmm_exec.rb -t 15 -r 0 kvm
oneadmin 25267 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_im_exec.rb -r 0 -t 15 kvm
oneadmin 25273 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_tm.rb -t 15 -d dummy,lvm,shared,qcow2,ssh,vmfs,iscsi
oneadmin 25282 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_hm.rb
oneadmin 25292 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_datastore.rb -t 15 -d fs,vmware,vmfs,iscsi,lvm
oneadmin 25301 25207 0 14:50 pts/0 00:00:00 ruby /usr/lib/one/mads/one_auth_mad.rb --authn ssh,x509,ldap,server_cipher,server_x509
oneadmin 25309 25207 0 14:50 pts/0 00:00:00 [oned] <defunct>
oneadmin 25311 25207 0 14:50 pts/0 00:00:00 [oned] <defunct>
oneadmin 25313 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25315 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25317 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25319 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25321 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25323 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25325 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25327 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25330 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25332 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25334 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25336 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25338 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
oneadmin 25340 25207 0 14:51 pts/0 00:00:00 [oned] <defunct>
```

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In attach you can find the logs files.

regards  
Marco

### #3 - 03/20/2013 10:20 PM - Ruben S. Montero

Hi,

Every thing seems ok at the core level (i.e. threads keep working see those --MARK-- in log file, plus you didn't actually do anything), I think that the problem is in the xml-rpc libraries. Can you send the version and compilation options for the libxmlrpc-c, latest I've tested is 1.33.01-1.

We have not tested gentoo :(

### #4 - 03/22/2013 08:05 AM - Marco Losa

Hi,

the test describe in the previous post has been done with this version:

-----  
dev-libs/xmlrpc-c

Available versions: 1.28.03-r1{tbz2} ~1.32.05 {{abyss +cgi +curl +cxx +libxml2 static-libs threads tools}}

Installed versions: 1.28.03-r1{tbz2}(15:27:19 03/19/13)(abyss cgi curl cxx libxml2 -static-libs -threads -tools)

Homepage: <http://xmlrpc-c.sourceforge.net/>

Description: A lightweigt RPC library based on XML and HTTP

xmlrpc-c-config --features --version

c++ abyss-server curl-client

1.28.3  
-----

Then we have installed the version 1.32.05 and rebuild opennebula but the problem is the same.

Regards

Marco

**#5 - 03/26/2013 08:35 PM - Marco Losa**

Dear Support,

did you have any feedback about this issue ? We are going to install OpenNebula on some servers that have Linux Gentoo, but before we want to know if Gentoo support OpenNebula.

Best Regards

Marco

**#6 - 04/17/2013 03:15 PM - Ruben S. Montero**

Hi Marco

Sorry for the delay,did not have any other clue for this and do not have a Gentoo system to debug it.

Ruben

**#7 - 04/18/2013 06:27 AM - Marco Losa**

Hi Ruben,

we have solved, the problem was:

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When installing libxmlrpc you have to specify that it will be compiled with thread support:

1. USE="threads" emerge xmlrpc-c

----

Regards

#8 - 04/18/2013 09:25 AM - Ruben S. Montero

- Status changed from New to Closed

- Resolution set to fixed

Great news!. I've added a gentoo platform notes in the documentation. If you want to add anything else helpful for Gentoo users, just drop me a line or add it to this issue. I'll update the official documentation. THANKS

[http://opennebula.org/documentation:rel3.8:ignc?&#38;#gentoo\\_platform\\_notes](http://opennebula.org/documentation:rel3.8:ignc?&#38;#gentoo_platform_notes)

#### Files

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oned.log	6.86 KB	03/20/2013	Marco Losa
sched.log	553 Bytes	03/20/2013	Marco Losa