

## OpenNebula - Bug #4905

### Opennebula 5.2 - Xen Deployment Failure during network initialization

11/08/2016 11:45 AM - Alberto Picon Couselo

<b>Status:</b>	Closed	<b>Start date:</b>	11/08/2016
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Drivers - Network	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Pull request:</b>	
<b>Resolution:</b>	wontfix		
<b>Affected Versions:</b>	OpenNebula 5.2		

#### Description

Hi, all.

We have upgraded Opennebula from 4.14.2 to 5.2 version. We have installed the Xen add-on without issues.

Xen hosts and VMs are correctly monitored. We are able to shutdown running VMs.

However when we try to deploy a new image, the deployment fails with the following errors:

Mon Nov 7 18:50:18 2016 [Z0][TM][D]: Message received: TRANSFER SUCCESS 333 -

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo brctl addbr brdctfrnt1".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo ip link set brdctfrnt1 up".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo ip link add link eth1 name eth1.10xx type vlan id 1033".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo ip link set eth1.10xx up".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo brctl addif brdctfrnt1 eth1.10xx".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo brctl addbr brdctcre1".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo ip link set brdctcre1 up".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo ip link add link eth1 name eth1.10xx type vlan id 1031".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo ip link set eth1.10xx up".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 pre: Executed "sudo brctl addif brdctcre1 eth1.10xx".

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 ExitCode: 0

Mon Nov 7 18:50:19 2016 [Z0][VMM][D]: Message received: LOG I 333 Successfully execute network driver operation: pre.

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG D 333 deploy: Credits set to 205

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG I 333 ExitCode: 0

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG I 333 Successfully execute virtualization driver operation: deploy.

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG I 333 Command execution fail: /var/tmp/one/vnm/802.1Q/post <base64code>

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG I 333 iptables v1.4.14: interface name '--physdev-is-bridged' must be shorter than IFNAMSIZ (15)

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG I 333 Try 'iptables -h' or 'iptables --help' for more information.

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG E 333 post: Command Error: sudo iptables -I opennebula -m physdev --physdev-out --physdev-is-bridged -j one-333-0-i

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG E 333 post: /var/tmp/one/vnm/802.1Q/./command.rb:61:in

`run!'/var/tmp/one/vnm/802.1Q/./command.rb:58:in `each'/var/tmp/one/vnm/802.1Q/./command.rb:58:in

`run!'/var/tmp/one/vnm/802.1Q/./security\_groups\_iptables.rb:289:in `nic\_pre'/var/tmp/one/vnm/802.1Q/./sg\_driver.rb:92:in

`activate'/var/tmp/one/vnm/802.1Q/./sg\_driver.rb:84:in `each'/var/tmp/one/vnm/802.1Q/./sg\_driver.rb:84:in

`activate'/var/tmp/one/vnm/802.1Q/post:32

Mon Nov 7 18:50:20 2016 [Z0][VMM][D]: Message received: LOG I 333 ExitCode: 1

Mon Nov 7 18:50:22 2016 [Z0][VMM][D]: Message received: LOG I 333 ExitCode: 0

Mon Nov 7 18:50:22 2016 [Z0][VMM][D]: Message received: LOG I 333 Successfully execute virtualization driver operation: cancel.  
Mon Nov 7 18:50:22 2016 [Z0][VMM][D]: Message received: LOG I 333 Failed to execute network driver operation: post.  
Mon Nov 7 18:50:22 2016 [Z0][VMM][D]: Message received: DEPLOY FAILURE 333 802.1Q: -

post: Command Error: sudo iptables -I opennebula -m physdev --physdev-out --physdev-is-bridged -j one-333-0-i

It seems that Opennebula is trying to apply security-groups-iptables commands. We have checked that the "MAC spoofing" and "IPTables filtering" options of the VM Network are disabled.

Is there a work around to this issue? We are currently migrating from Xen to KVM, but we need Opennebula Xen Support for the moment.

Best Regards and thank you for your help

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## History

### #1 - 11/16/2016 10:18 AM - Laurent Grawet

Hi,

Are you using Ubuntu 14.04?

It looks like you are hit by the same bug as me, "xl network-list \$domid" is now returning a null mac address with recent Ubuntu 14.04 updates:

<https://github.com/OpenNebula/addon-xen/pull/10>

Try the patch in the pull request. This is not a fix, just a temporary workaround to do some debugging.

### #2 - 11/20/2017 04:03 PM - Jaime Melis

- *Resolution set to wontfix*

Closing this ticket as Xen is no longer supported.

### #3 - 11/20/2017 04:04 PM - Jaime Melis

- *Status changed from Pending to Closed*