

## Foreman - Feature #1951

### Support libvirt named NAT networks

11/15/2012 08:30 AM - Dominic Cleal

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Ohad Levy	
<b>Category:</b> Compute resources	
<b>Target version:</b> 1.2.0	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
<p>Currently libvirt compute resources support bridged interfaces, but not libvirt NAT networks.</p> <p>The NICs on a fog compute resource have both a bridge and network attribute, but the libvirt network view (app/views/compute_resources_vms/form/libvirt/_network.html.erb) only sets the bridge.</p> <pre>nic=[      &lt;Fog::Compute::Libvirt::Nic   mac="52:54:00:9a:34:98",   type="network",   network="default",   bridge=nil,   model="virtio"   &gt;],</pre> <p>This is compounded because the getter for libvirt networks (lib/foreman/model/libvirt.rb, networks) calls fog's interfaces getter which returns a list of physical interfaces (eth0, wlan0) and doesn't include bridges (virbr*). If the getter doesn't return data, the view allows a bridge interface to be manually entered and so you can get around it in some configurations. Entering the network name is more reliable across reboots of the hypervisor.</p> <p>The way it should probably work is:</p> <ul style="list-style-type: none"><li>• allow selection of either an interface or a libvirt network name</li><li>• offer a list of interfaces, including bridges</li><li>• always offer a text box for manual interface override</li><li>• offer a list of libvirt network names</li></ul>	
<b>Related issues:</b>	
Has duplicate Foreman - Bug #2477: Wrong interface for libvirt bridge	<b>Duplicate</b> 05/08/2013

#### Associated revisions

##### Revision c5c84034 - 06/01/2013 02:17 PM - Ohad Levy

fixes #1951 - support for libvirt named networks

based on Dominic initial pull request 308

##### Revision deb8c443 - 06/04/2013 01:06 PM - Ohad Levy

fixes #1951 - support for libvirt named networks

based on Dominic initial pull request 308

(cherry picked from commit c5c84034b1f6dec25c14340861a48175b49e682a)

#### History

##### #1 - 12/14/2012 04:24 PM - Dominic Cleal

- Status changed from New to Assigned

<https://github.com/theforeman/foreman/pull/308>

**#2 - 06/01/2013 03:17 PM - Ohad Levy**

- *Status changed from Assigned to Closed*
- *% Done changed from 0 to 100*

Applied in changeset [c5c84034b1f6dec25c14340861a48175b49e682a](#).

**#3 - 06/04/2013 02:04 AM - Ohad Levy**

- *Assignee set to Ohad Levy*
- *Target version set to 1.2.0*