

## Smart Proxy - Bug #6085

### Virsh provider is not interpreting DHCP netmask correctly

06/06/2014 07:49 AM - Lukas Zapletal

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	DHCP	
<b>Target version:</b>	1.6.0	
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b> Nightly
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		
<b>Description</b>		
<p>The virsh.rb loadSubnets method was only looking for a definition of a netmask inside the libvirt network XML, despite netmask not being there in case a prefix attribute was defined. netmask and prefix are mutually exclusive by libvirt definition.</p> <p>Also the ipaddr library has no easy way of retrieving a readable netmask from a prefix, albeit this functionality is provided by the inspect method, in this case the same thing was done as in inspect.</p> <p><a href="https://github.com/theforeman/smart-proxy/pull/164">https://github.com/theforeman/smart-proxy/pull/164</a></p>		

#### Associated revisions

##### Revision 499c3805 - 07/04/2014 02:13 PM - Vincent Kramar

fixes #6085 - fixed virsh dhcp provider netmask interpretation

The virsh.rb loadSubnets method was only looking for a definition of a netmask inside the libvirt network XML, despite netmask not being there in case a prefix attribute was defined. netmask and prefix are mutually exclusive by libvirt definition.

Also the ipaddr library has no easy way of retrieving a readable netmask from a prefix, albeit this functionality is provided by the inspect method of IPAddr, a monkey-patch "to\_mask" was introduced to circumvent the original implementation.

#### History

##### #1 - 06/11/2014 02:53 PM - Anonymous

- Target version changed from 1.8.2 to 1.8.1

##### #2 - 07/04/2014 03:01 PM - Anonymous

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [499c38056a87f35cb02f8ac9fa7692eb1951bb1a](#).