

## Packaging - Bug #19069

### DNS and DHCP providers for libvirt fail to start

03/29/2017 09:19 AM - Ondřej Pražák

<b>Status:</b> Resolved	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> RPMs	
<b>Target version:</b>	
<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>	
After running:	
<pre>foreman-installer --scenario katello --foreman-admin-password changeme --foreman-proxy-dns true \ --foreman-proxy-dns-interface virbr1 --foreman-proxy-dns-provider libvirt --foreman-proxy-dhcp tr ue \ --foreman-proxy-dhcp-interface virbr1 --foreman-proxy-dhcp-provider libvirt --foreman-proxy-tftp true \ --foreman-proxy-templates true --foreman-logging-level debug --foreman-proxy-log-level DEBUG \ --enable-foreman-compute-libvirt true</pre>	
DNS and DHCP modules for libvirt failed to start.	
<pre>/var/log/foreman-proxy/proxy.log</pre>	
<pre>E, [2017-03-29T08:54:02.139430 ] ERROR -- : Disabling all modules in the group ['dns_libvirt', 'dn s'] due to a failure in one of them: cannot load such file -- libvirt D, [2017-03-29T08:54:02.139488 ] DEBUG -- : ["/usr/share/rubygems/rubygems/core_ext/kernel_require .rb:55:in `require'", "/usr/share/rubygems/rubygems/core_ext/kernel_require.rb:55:in `require'", " /usr/share/foreman-proxy/modules/dns_libvirt/libvirt_dns_network.rb:1:in `<top (required)="">&gt;'", "/us r/share/rubygems/rubygems/core_ext/kernel_require.rb:55:in `require'", "/usr/share/rubygems/rubyge ms/core_ext/kernel_require.rb:55:in `require'", "/usr/share/foreman-proxy/modules/dns_libvirt/plug in_configuration.rb:5:in `load_classes'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.r b:294:in `load_classes'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:243:in `load_s ettings'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:81:in `block in load_provider _settings'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:80:in `each'", "/usr/share/ foreman-proxy/lib/proxy/plugin_initializer.rb:80:in `load_provider_settings'", "/usr/share/foreman -proxy/lib/proxy/plugin_initializer.rb:155:in `block in initialize_plugins'", "/usr/share/foreman -proxy/lib/proxy/plugin_initializer.rb:155:in `each'", "/usr/share/foreman-proxy/lib/proxy/plugin_i nitializer.rb:155:in `initialize_plugins'", "/usr/share/foreman-proxy/lib/launcher.rb:137:in `laun ch'", "/usr/share/foreman-proxy/bin/smart-proxy:6:in `<main>&gt;'"] E, [2017-03-29T08:54:02.142617 ] ERROR -- : Disabling all modules in the group ['dhcp_libvirt', 'd hcp'] due to a failure in one of them: cannot load such file -- libvirt D, [2017-03-29T08:54:02.142672 ] DEBUG -- : ["/usr/share/rubygems/rubygems/core_ext/kernel_require .rb:55:in `require'", "/usr/share/rubygems/rubygems/core_ext/kernel_require.rb:55:in `require'", " /usr/share/foreman-proxy/modules/dhcp_libvirt/libvirt_dhcp_network.rb:1:in `<top (required)="">&gt;'", "/ usr/share/rubygems/rubygems/core_ext/kernel_require.rb:55:in `require'", "/usr/share/rubygems/ruby gems/core_ext/kernel_require.rb:55:in `require'", "/usr/share/foreman-proxy/modules/dhcp_libvirt/c onfiguration_loader.rb:22:in `load_classes'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializ er.rb:294:in `load_classes'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:243:in `lo ad_settings'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:81:in `block in load_prov ider_settings'", "/usr/share/foreman-proxy/lib/proxy/plugin_initializer.rb:80:in `each'", "/usr/sh are/foreman-proxy/lib/proxy/plugin_initializer.rb:80:in `load_provider_settings'", "/usr/share/for eman-proxy/lib/proxy/plugin_initializer.rb:155:in `block in initialize_plugins'", "/usr/share/fore man-proxy/lib/proxy/plugin_initializer.rb:155:in `each'", "/usr/share/foreman-proxy/lib/proxy/plug in_initializer.rb:155:in `initialize_plugins'", "/usr/share/foreman-proxy/lib/launcher.rb:137:in `</top></main></top></pre>	

```
launch'", "/usr/share/foreman-proxy/bin/smart-proxy:6:in `<main>'"]
```

```
[root@myserver foreman-proxy]# yum list installed | grep libvirt
foreman-libvirt.noarch                1.15.0-0.develop.201703271956git40dd32b.el7
libvirt.x86_64                        2.0.0-10.el7_3.5 @updates
libvirt-client.x86_64                2.0.0-10.el7_3.5 @updates
libvirt-daemon.x86_64                2.0.0-10.el7_3.5 @updates
libvirt-daemon-config-network.x86_64 2.0.0-10.el7_3.5 @updates
libvirt-daemon-config-nwfilter.x86_64 2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-interface.x86_64 2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-lxc.x86_64     2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-network.x86_64 2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-nodedev.x86_64 2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-nwfilter.x86_64 2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-qemu.x86_64    2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-secret.x86_64  2.0.0-10.el7_3.5 @updates
libvirt-daemon-driver-storage.x86_64 2.0.0-10.el7_3.5 @updates
libvirt-daemon-kvm.x86_64            2.0.0-10.el7_3.5 @updates
libvirt-gconfig.x86_64                0.2.3-1.el7 @base
libvirt-glib.x86_64                  0.2.3-1.el7 @base
libvirt-gobject.x86_64               0.2.3-1.el7 @base
libvirt-python.x86_64                2.0.0-2.el7 @base
tfm-rubygem-fog-libvirt.noarch        0.2.0-1.el7 @foreman
tfm-rubygem-ruby-libvirt.x86_64      0.5.2-4.el7 @foreman
```

Note the installed ruby-libvirt version, 0.5.2.

```
[root@myserver foreman-proxy]# cat /usr/share/foreman-proxy/bundler.d/libvirt.rb
group :libvirt do
  gem 'ruby-libvirt', '>= 0.6.0'
end
```

The version mismatch is likely the cause why there are failures in libvirt modules.

#### Related issues:

Related to Smart Proxy - Bug #34772: validate\_supported\_address issue

**Duplicate**

#### History

##### #1 - 03/29/2017 09:22 AM - Dominic Cleal

yum install rubygem-ruby-libvirt for the (optional) dependency. These providers are not intended for use in production installations (i.e. with RPMs), only development instances.

##### #2 - 03/29/2017 09:38 AM - Ondřej Pražák

- Status changed from New to Resolved

Dominic Cleal wrote:

yum install rubygem-ruby-libvirt for the (optional) dependency. These providers are not intended for use in production installations (i.e. with RPMs), only development instances.

Works for me, thanks.

##### #3 - 05/23/2018 09:36 PM - Rahul Bajaj

I think this bug is still valid. I am facing this in the development environment.

##### #4 - 05/24/2018 06:04 AM - Ondřej Pražák

If you have a devel proxy, bundle install should get you the gems you need - at least for me it does. Do you have any additional details? Comment 1 solved it for me in production.

##### #5 - 08/03/2022 11:58 AM - Ewoud Kohl van Wijngaarden

- Related to Bug #34772: validate\_supported\_address issue added