

Foreman - Bug #1994

Puppet 3: \$vardir also has to be set or it fails to interpolate

12/04/2012 12:14 PM - Dominic Cleal

Status: Closed	
Priority: Normal	
Assignee: Dominic Cleal	
Category: Puppet integration	
Target version: 1.1	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
<p>With Puppet 3, we call the <code>initialize_global_settings</code> method with the <code>--confdir</code> and the value of the <code>:puppetconfdir</code> setting. However if the <code>puppet.conf</code> references <code>\$vardir</code> (which settings do by default) then <code>--vardir</code> also has to be set when we initialise Puppet.</p> <p>As mentioned in Jeff's comment here, this had to be added to the puppet config.ru for 3.0.1 too: http://projects.puppetlabs.com/issues/16637#note-9</p> <p>This is equivalent to how we initialise Puppet 3 today, which throws an error:</p> <pre>irb(main):001:0> require 'puppet' => true irb(main):002:0> Puppet.settings.initialize_global_settings(['--confdir', '/etc/puppet', '--run_mode', 'master']) => true irb(main):003:0> puts Puppet[:hostcert] Puppet::Settings::InterpolationError: Error converting value for param 'hostcert': Error converting value for param 'certdir': Error converting value for param 'ssldir': Could not find value for \$vardir</pre>	
Other minor related problems:	
<ol style="list-style-type: none"><code>:puppetconfdir</code> is actually pointing to <code>/etc/puppet/puppet.conf</code> usually, so this should really be <code>--conf</code> rather than <code>confdir</code><code>:puppetconfdir</code> was removed in <code>7c08e30a47a16d387f26d1c617cdedc60d9d0582</code>missing comma in my commit inside <code>'--run_mode' 'master'</code>	
Related issues:	
Related to Foreman - Bug #1872: Puppet and foreman 3.0 Do not play well together	Closed 09/19/2012

Associated revisions

Revision fc6fbf91 - 12/05/2012 01:03 PM - Dominic Cleal

fixes #1994 - set vardir for puppet 3, use --configprint

When running Puppet 3 as a non-root user (i.e. foreman), both `--confdir` and `--vardir` have to be specified as per Puppet #16637, else SSL settings dependent on `vardir` will fail.

This adds a new `puppetvardir` setting used with `puppetconfdir`, and supports `puppetconfdir` being a file or directory due to historic `settings.yaml` examples.

It now shells out and uses ``puppet master --configprint`` to retrieve settings to avoid changes in Puppet settings initialization logic across versions (e.g. `run_mode` on Puppet 3).

History

#1 - 12/04/2012 12:21 PM - Dominic Cleal

- Status changed from New to Assigned

- Assignee changed from Ohad Levy to Dominic Cleal

I don't particularly like the idea of having a Foreman setting for the Puppet vardir as it feels we're getting too internal. Perhaps this will go away with the refactor of Puppet settings in 3.1.

I'm going to try replacing this with simple calls to `puppet master --configprint` (or `puppetmasterd` as appropriate), which will work consistently across all versions and avoid getting into Puppet's application initialisation logic.

#2 - 12/04/2012 12:25 PM - Dominic Cleal

":puppetconfdir was removed in 7c08e30a47a16d387f26d1c617cdedc60d9d0582"

This is causing the following error:

```
Error parsing arguments
/home/bretw/src/foreman/vendor/ruby/1.8/gems/puppet-3.0.1/lib/puppet/util/command_line/puppet_option_parser.rb
:78:in `parse'
/home/bretw/src/foreman/vendor/ruby/1.8/gems/puppet-3.0.1/lib/puppet/settings.rb:183:in `parse_global_options'
/home/bretw/src/foreman/vendor/ruby/1.8/gems/puppet-3.0.1/lib/puppet/settings.rb:146:in `initialize_global_set
tings'
/home/bretw/src/foreman/lib/foreman/default_settings/loader.rb:27:in `load'
```

(as reported in [foreman-users: Trying to get Foreman working with Puppet 3](#))

#3 - 12/05/2012 06:33 AM - Dominic Cleal

Specifying vardir is unavoidable with Puppet 3, since we call Puppet as a non-root user (see [#16637](#)), so I've added a "puppetvardir" setting to settings.yaml, which defaults to /var/lib/puppet.

<https://github.com/foreman/foreman/pull/280>

#4 - 12/05/2012 02:18 PM - Dominic Cleal

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

Applied in changeset [fc6fbf9159657066e019390b32aecb41c88f7ad3](#).