Smart Proxy - Bug #5856

Cannot import environments, classes even with foreman 1.5.0

05/21/2014 03:51 PM - Dis McCarthy

Status:	Closed		
Priority:	Urgent		
Assignee:	Dominic Cleal		
Category:	Puppet		
Target version:	1.5.1		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	1.5.0
Bugzilla link:	1107678	**Red Hat JIRA:**	
Pull request:			

Description

Superficially similar to [#5792](#), but we are running Foreman and proxy at 1.5.0.

Clicking 'import classes from puppetmaster' or 'import environments from puppetmaster' results in the 406 error, and the foreman proxy logs show:

```
I, [2014-05-21T11:41:30.462997 #20033]  INFO -- : Initializing from Puppet config file: /etc/puppe
t/puppet.conf
I, [2014-05-21T11:41:30.590418 #20033]  INFO -- : Initializing from Puppet config file: /etc/puppe
t/puppet.conf
I, [2014-05-21T11:41:30.720226 #20033]  INFO -- : Initializing from Puppet config file: /etc/puppe
t/puppet.conf
I, [2014-05-21T11:41:30.785593 #20033]  INFO -- : Initializing from Puppet config file: /etc/puppe
t/puppet.conf
E, [2014-05-21T11:41:30.892108 #20033] ERROR -- : Failed to show puppet classes: no 'environments'
 in {:root_environment=>#<Puppet::Node::Environment:0x7f4427990d28 @config_version=nil, @name=:"*r
oot*", @manifest="/etc/foreman-proxy", @modulepath=[], @watching=true>, :current_environment=>#<Pu
ppet::Node::Environment:0x7f4427990d28 @config_version=nil, @name=:"*root*", @manifest="/etc/forem
an-proxy", @modulepath=[], @watching=true>} at top of []


# rpm -qa \*foreman\*
foreman-compute-1.5.0-1.el6.noarch
foreman-proxy-1.5.0-1.el6.noarch
foreman-release-1.5.0-1.el6.noarch
foreman-postgresql-1.5.0-1.el6.noarch
rubygem-foreman_api-0.1.11-1.el6.noarch
foreman-selinux-1.5.0-1.el6.noarch
foreman-vmware-1.5.0-1.el6.noarch
foreman-installer-1.5.0-1.el6.noarch
rubygem-hammer_cli_foreman-0.1.0-1.el6.noarch
foreman-1.5.0-1.el6.noarch
# rpm -qa \*puppet\*
puppet-3.6.0-1.el6.noarch
mcollective-puppet-common-1.7.2-1.el6.noarch
mcollective-puppet-client-1.7.2-1.el6.noarch
puppetlabs-release-6-10.noarch
mcollective-puppet-agent-1.7.2-1.el6.noarch
puppetdb-2.0.0-1.el6.noarch
puppet-server-3.6.0-1.el6.noarch
puppetdb-terminus-2.0.0-1.el6.noarch
ruby193-puppet-3.1.1-6.el6.noarch
```

Related issues:

Has duplicate Smart Proxy - Bug #5867: Cannot Import Puppet Envioronments	**Duplicate**	**05/22/2014**

Associated revisions

Revision 1dc369d4 - 06/09/2014 06:36 PM - Dominic Cleal

fixes #5856 - use public initializer for Puppet settings

History

#1 - 05/21/2014 04:42 PM - Dominic Cleal

- Project changed from Foreman to Smart Proxy

- Category changed from Importers to Puppet

#2 - 05/21/2014 04:42 PM - Dominic Cleal

Could you attach your puppet.conf? I think this might happen if you don't have explicit environment sections.

#3 - 05/21/2014 05:07 PM - Dis McCarthy

It was installed originally with a puppet-apply based installer but is maintained manually.

```
### File managed with puppet ###
## Module:           'puppet'
## Template source:  'MODULES/puppet/templates/puppet.conf.erb'

[main]
    # The Puppet log directory.
    # The default value is '$vardir/log'.
    logdir = /var/log/puppet

    # Where Puppet PID files are kept.
    # The default value is '$vardir/run'.
    rundir = /var/run/puppet

    # Where SSL certificates are kept.
    # The default value is '$confdir/ssl'.
    ssldir = $vardir/ssl

    # Allow services in the 'puppet' group to access key (Foreman + proxy)
    privatekeydir = $ssldir/private_keys { group = service }
    hostprivkey = $privatekeydir/$certname.pem { mode = 640 }

    # Puppet 3.0.x requires this in both [main] and [master] – harmless on agents
    autosign       = $confdir/autosign.conf { mode = 664 }

[agent]
    # The file in which puppetd stores a list of the classes
    # associated with the retrieved configuratiion.  Can be loaded in
    # the separate ``puppet`` executable using the ``--loadclasses``
    # option.
    # The default value is '$confdir/classes.txt'.
    classfile = $vardir/classes.txt

    # Where puppetd caches the local configuration.  An
    # extension indicating the cache format is added automatically.
    # The default value is '$confdir/localconfig'.
    localconfig = $vardir/localconfig
    report      = true
    pluginsync  = true
    masterport  = 8140
    #environment = production
    certname    = hostname.here
    server      = hostname.here
    listen      = false
    splay       = false
    runinterval = 1800
    noop        = false
    show_diff   = true
    modulepath     = /etc/puppet/environments/$environment/modules:/etc/puppet/environments/common:/usr/share/
puppet/modules
    environment=nonop

### Next part of the file is managed by a different template ###
## Module:           'puppet'
## Template source:  'MODULES/puppet/templates/server/puppet.conf.erb'

[master]
    autosign       = $confdir/autosign.conf { mode = 664 }
```

```
    reports          = foreman
    external_nodes = /etc/puppet/node.rb
    node_terminus  = exec
    ca               = true
    ssldir           = /var/lib/puppet/ssl
    storeconfigs = true
    storeconfigs_backend = puppetdb

[development]
    modulepath     = /etc/puppet/environments/development/modules:/etc/puppet/environments/common:/etc/puppet/
environments/baseline-master:/usr/share/puppet/modules
    config_version =
[test]
    modulepath     = /etc/puppet/environments/test/modules:/etc/puppet/environments/common:/etc/puppet/environ
ments/baseline-master:/usr/share/puppet/modules
    config_version =
#[production]
#    modulepath     = /etc/puppet/environments/production/modules:/etc/puppet/environments/common:/usr/share/p
uppet/modules
#    config_version =
[nonop]
    modulepath     = /etc/puppet/environments/nonop/modules:/etc/puppet/environments/common:/etc/puppet/enviro
nments/baseline:/usr/share/puppet/modules
    config_version =
[operational]
    modulepath     = /etc/puppet/environments/operational/modules:/etc/puppet/environments/common:/etc/puppet/
environments/baseline:/usr/share/puppet/modules
    config_version =

[frozen]
    modulepath     = /etc/puppet/environments/frozen/modules
    config_version =
```

#4 - 05/22/2014 07:37 AM - Xesc Arbona

Hi,

I've run into the same issue, and solve it by downgrading puppet to version 3.5.1.

curl -k -H "Content-Type:application/json" -H "Accept:application/json" http://localhost:8443/puppet/environments
["acceptance","development"]

curl -k -H "Content-Type:application/json" -H "Accept:application/json" http://localhost:8443/puppet/environments/acceptance/classes
Failed to show puppet classes: no 'environments' in {:current_

apt-get install puppet=3.5.1-1puppetlabs1 puppet-common=3.5.1-1puppetlabs1 puppetmaster=3.5.1-1puppetlabs1
puppetmaster-common=3.5.1-1puppetlabs1
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
puppet-el vim-puppet ruby-selinux libselinux-ruby1.8 librrd-ruby1.9.1 librrd-ruby1.8 stompserver ruby-ldap libldap-ruby1.8
The following packages will be DOWNGRADED:
puppet puppet-common puppetmaster puppetmaster-common

/etc/init.d/foreman-proxy restart

curl -k -H "Content-Type:application/json" -H "Accept:application/json" http://localhost:8443/puppet/environments/acceptance/classes
[{"postfix::satellite":{"name":"satellite","module":"postfix","params":{}}},{"postfix":{"name":"postfix","module":null,"params":{"postfix_smtp_listen":"127.0.
0.1","root_mail_recipient":"nobody","postfix_use_amavisd":"no","postfix_use_dovecot_lda":"no","postfix_use_schleuder":"no","postfix_use_sympa":"n
o","postfix_mail_user":"postfix","postfix_mail_origin":"${$::fqdn}"}}},{"p....

Foreman 1.5 does not seem comaptible with Puppet 3.6, see http://theforeman.org/manuals/1.5/index.html#3.1.2PuppetCompatibility

I guess it has to do with directory environments mixed up?

#5 - 05/22/2014 08:19 AM - Dominic Cleal

- Priority changed from Normal to Urgent

- Target version set to 1.8.2

- translation missing: en.field_release set to 16

#6 - 05/22/2014 08:19 AM - Dominic Cleal

- Has duplicate Bug #5867: Cannot Import Puppet Enviornments added

#7 - 05/22/2014 02:20 PM - Jon Skarpeteig

Using Foreman 1.5.0 and Puppet 3.6.0 on remote node

From foreman-proxy.log

```
I, [2014-05-22T16:17:41.243564 #30842]  INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.con
f
W, [2014-05-22T16:17:41.284902 #30842]  WARN -- : No environments found - falling back to defaults (production
 - /etc/puppet/modules)
I, [2014-05-22T16:17:41.626662 #30842]  INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.con
f
W, [2014-05-22T16:17:41.662242 #30842]  WARN -- : No environments found - falling back to defaults (production
 - /etc/puppet/modules)
I, [2014-05-22T16:17:41.662626 #30842]  INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.con
f
I, [2014-05-22T16:17:41.742015 #30842]  INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.con
f
E, [2014-05-22T16:17:41.768046 #30842] ERROR -- : Failed to show puppet classes: no 'environments' in {:curren
t_environment=>#<Puppet::Node::Environment:0x7f797da688f0 @modulepath=[], @watching=true, @name=:"*root*", @co
nfig_version=nil, @manifest="/">, :root_environment=>#<Puppet::Node::Environment:0x7f797da688f0 @modulepath=[]
, @watching=true, @name=:"*root*", @config_version=nil, @manifest="/">} at top of []
```

From GUI:

```
Oops, we're sorry but something went wrong

Warning!
ERF12-4115 [ProxyAPI::ProxyException]: Unable to get classes from Puppet for production ([RestClient::NotAccep
table]: 406 Not Acceptable) for proxy http://host.fqdn:8443/puppet

If you feel this is an error with Foreman itself, please open a new issue with Foreman ticketing system, You w
ould probably need to attach the Full trace and relevant log entries.
ProxyAPI::ProxyException
ERF12-4115 [ProxyAPI::ProxyException]: Unable to get classes from Puppet for production ([RestClient::NotAccep
table]: 406 Not Acceptable) for proxy http://host.fqdn:8443/puppet
lib/proxy_api/puppet.rb:27:in `rescue in classes'
lib/proxy_api/puppet.rb:21:in `classes'
app/services/puppet_class_importer.rb:155:in `actual_classes'
app/services/puppet_class_importer.rb:78:in `new_classes_for'
app/services/puppet_class_importer.rb:25:in `block in changes'
app/services/puppet_class_importer.rb:24:in `each'
app/services/puppet_class_importer.rb:24:in `changes'
app/controllers/concerns/foreman/controller/environments.rb:11:in `import_environments'
app/models/concerns/foreman/thread_session.rb:33:in `clear_thread'
lib/middleware/catch_json_parse_errors.rb:9:in `call'
```

#8 - 05/22/2014 02:23 PM - Jon Skarpeteig

No way to edit posts?

#9 - 05/22/2014 02:27 PM - Dominic Cleal

Jon Skarpeteig wrote:

> No way to edit posts?

You should be able to now, you weren't "joined" to the project as a reporter.

#10 - 05/23/2014 10:39 AM - Dominic Cleal

- Status changed from New to Assigned

- Assignee set to Dominic Cleal

Paul, as a workaround, uncommenting the production environment in your puppet.conf seems to get it working.

Xesc, we don't currently support directory environments if that's what you meant ([#4699](#4699)) and it may throw a confusingly identical error message if you attempt to do this. If you're using ordinary (older style) environments then please attach your puppet.conf.

Jon, could you attach your puppet.conf please?

#11 - 05/23/2014 12:58 PM - Dominic Cleal

- Status changed from Assigned to Ready For Testing

Don't worry about puppet.conf, I got what I needed from the foreman-users list.

If you want to try the patch:

- cd /usr/share/foreman-proxy && curl https://github.com/theforeman/smart-proxy/pull/161.patch | patch -p1

PR: https://github.com/theforeman/smart-proxy/pull/161

#12 - 05/27/2014 04:12 PM - Dis McCarthy

That patch worked for us.

Thanks!

#13 - 05/27/2014 08:49 PM - Paul Calabro

Thanks! That worked w/o error! :)

#14 - 06/05/2014 09:58 AM - Ollie Lawson

- File puppet.conf added

- File puppet.conf added

I have applied the patch above with Foreman 1.5.0 and Puppet 3.6.1 but the environments still do not import.

Proxy log shows:
I, [2014-06-05T09:51:10.523466 #22641] INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.conf
W, [2014-06-05T09:51:10.624875 #22641] WARN -- : No environments found - falling back to defaults (production - /etc/puppet/modules)
I, [2014-06-05T09:51:10.626139 #22641] INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.conf
I, [2014-06-05T09:51:10.670755 #22641] INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.conf
I, [2014-06-05T09:55:00.603963 #23649] INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.conf
W, [2014-06-05T09:55:00.748032 #23649] WARN -- : No environments found - falling back to defaults (production - /etc/puppet/modules)
I, [2014-06-05T09:55:00.898409 #23649] INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.conf
W, [2014-06-05T09:55:00.943845 #23649] WARN -- : No environments found - falling back to defaults (production - /etc/puppet/modules)
I, [2014-06-05T09:55:00.944576 #23649] INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.conf
I, [2014-06-05T09:55:01.048171 #23649] INFO -- : Initializing from Puppet config file: /etc/puppet/puppet.conf

Puppet.conf file is attached

Thanks

Ollie

#15 - 06/05/2014 10:01 AM - Dominic Cleal

Ollie Lawson wrote:

> I have applied the patch above with Foreman 1.5.0 and Puppet 3.6.1 but the environments still do not import.

Your puppet.conf shows you're using directory environments ("environmentpath"), which we don't yet support (#4699). Although they're now deprecated in 3.6, I'd suggest using the old style environments.

#16 - 06/09/2014 06:52 PM - Dominic Cleal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset 1dc369d4297c5b9a8106d8908ebac6a8ccfa7437.

#17 - 06/10/2014 12:42 PM - Bryan Kearney

- Bugzilla link set to https://bugzilla.redhat.com/show_bug.cgi?id=1107678

#18 - 06/11/2014 07:55 PM - Paul Calabro

I didn't have to downgrade to an earlier version of Puppet to resolve this issue. I'm on 3.6.2 and I'm working fine.
I just had to use the older style of declaring environments.
Is there some unintentional side-effect that I'm permitting that I'm not aware of?

#19 - 06/16/2014 03:39 PM - Elisiano Petrini

Dominic Cleal wrote:

> Don't worry about puppet.conf, I got what I needed from the foreman-users list.
>
> If you want to try the patch:
>
> - cd /usr/share/foreman-proxy && curl https://github.com/theforeman/smart-proxy/pull/161.patch | patch -p1
>
> PR: https://github.com/theforeman/smart-proxy/pull/161

Hi All,
I tried to apply this patch but I had no benefit from it.

I'm a bit reluctant to go back to config environments because puppet would start throwing out deprecation warnings.
Is there a solution for this?

Thanks for your help.

Puppet 3.6.2, Foreman 1.5 (with above patch)

#20 - 06/16/2014 03:42 PM - Dominic Cleal

As per my above comment(s), directory environments are **not** supported at the moment and this patch does **not** provide support. It only fixes an issue with initialising Puppet 3.6.

You'll need to use the older configured environments with deprecation warnings (though the next version of Puppet may provide controls over what deprecation warnings you see). Please follow #4699 for directory environment support.

#21 - 06/16/2014 04:18 PM - Elisiano Petrini

Dominic Cleal wrote:

> As per my above comment(s), directory environments are **not** supported at the moment and this patch does **not** provide support. It only fixes an issue with initialising Puppet 3.6.
>
> You'll need to use the older configured environments with deprecation warnings (though the next version of Puppet may provide controls over what deprecation warnings you see). Please follow #4699 for directory environment support.

Apologies for the mixup.
I guess living with deprecation warnings is better than not having Foreman importing classes :).
Following the other ticket now, thanks for your help.

Best Regards.

Files

puppet.conf	2.32 KB	06/05/2014		Ollie Lawson
puppet.conf	2.32 KB	06/05/2014		Ollie Lawson