

## Pulp - Issue #1137

### fix dev-setup.sh script

07/14/2015 04:50 PM - igulina@redhat.com

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	rbarlow	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>			
<b>Sprint/Milestone:</b>			
<b>Severity:</b>	1. Low	<b>Groomed:</b>	No
<b>Version:</b>	Master	<b>Sprint Candidate:</b>	No
<b>Platform Release:</b>	2.8.0	<b>Tags:</b>	Pulp 2
<b>OS:</b>		<b>Sprint:</b>	
<b>Triaged:</b>	Yes	<b>Quarter:</b>	

**Description**

When we had talked about removing dev-setup.sh I had forgotten that Vagrant will only work for developers who are working on physical hosts with virtualization extensions. Since some developers may use Openstack or EC2 for development, there may[0] still be a place for a dev-setup.sh script.

It's been reported by igulina that our dev-setup.sh script fails in some way (I am not sure what the issue is). We should fix the dev-setup.sh script so that it works again.

It would be wise to also refactor it so that it uses the same Ansible code that is used by Vagrant so we can benefit from some code sharing. The dev-setup.sh script does do a little more than the Vagrant setup so it will still need to be a separate thing, but if we can get it down to just checking out the code and calling Ansible that would be a win, and would decrease the chance of future breakage.

[0] I say "may", because technically I think Vagrant can also provision EC2 and Openstack environments, though our current implementation of the Vagrantfile does not support this.

#### Associated revisions

##### Revision 9c88c731 - 08/17/2015 09:45 PM - rbarlow

Rework the dev-setup.sh script to use Ansible.

This commit reworks the dev-setup.sh script to use the same code that Vagrant uses to provision the dev box.

<https://pulp.plan.io/issues/1137>

fixes #1137

##### Revision 9c88c731 - 08/17/2015 09:45 PM - rbarlow

Rework the dev-setup.sh script to use Ansible.

This commit reworks the dev-setup.sh script to use the same code that Vagrant uses to provision the dev box.

<https://pulp.plan.io/issues/1137>

fixes #1137

#### History

##### #1 - 07/17/2015 06:53 PM - rbarlow

- Subject changed from remove dev-setup.sh script and relevant docs to fix dev-setup.sh script

##### #2 - 07/17/2015 06:54 PM - rbarlow

- Description updated

##### #3 - 07/21/2015 11:46 AM - igulina@redhat.com

So far testing docs [1] on RHEL7 I faced several issues:

1) Add to the docs [1] that Extras should be enabled on RHEL7, otherwise a command

```
curl -O https://raw.githubusercontent.com/pulp/pulp/master/playpen/dev-setup.sh && bash -e dev-setup.sh
```

fails with

```
--> Finished Dependency Resolution
Error: Package: python-mongoengine-0.8.4-3.el7.noarch (epel)
        Requires: python-blinker
You could try using --skip-broken to work around the problem
You could try running: rpm -Va --nofiles --nodigest
```

[1] [https://github.com/pulp/pulp/blob/master/docs/dev-guide/contributing/dev\\_setup.rst#provisioning-script](https://github.com/pulp/pulp/blob/master/docs/dev-guide/contributing/dev_setup.rst#provisioning-script)

This issue was also mentioned here [#1024](#)

2)

After enabling EXTRAS:

```
Loaded plugin docker_distributor_export for types: docker_image
Loaded plugin openstack_distributor_web for types: openstack_image
Applying migration pulp_rpm.plugins.migrations.0016_new_yum_distributor failed.
```

Halting migrations due to a migration failure.

No module named keystoneclient.v2\_0.client

Traceback (most recent call last):

```
File "/home/ec2-user/devel/pulp/server/pulp/server/db/manage.py", line 144, in main
    return _auto_manage_db(options)
File "/home/ec2-user/devel/pulp/server/pulp/server/db/manage.py", line 205, in _auto_manage_db
    migrate_database(options)
File "/home/ec2-user/devel/pulp/server/pulp/server/db/manage.py", line 94, in migrate_database
    update_current_version=not options.test)
File "/home/ec2-user/devel/pulp/server/pulp/server/db/migrate/models.py", line 157, in apply_migration
    migration.migrate()
File "/home/ec2-user/devel/pulp_rpm/plugins/pulp_rpm/plugins/migrations/0016_new_yum_distributor.py", line 4
2, in migrate
    api.initialize()
File "/home/ec2-user/devel/pulp/server/pulp/plugins/loader/api.py", line 55, in initialize
    loading.load_plugins_from_entry_point(*entry_point)
File "/home/ec2-user/devel/pulp/server/pulp/plugins/loader/loading.py", line 60, in load_plugins_from_entry_
point
    cls, cfg = entry_point.load() ()
File "/usr/lib/python2.7/site-packages/pkg_resources.py", line 2260, in load
    entry = __import__(self.module_name, globals(),globals(), ['__name__'])
File "/home/ec2-user/devel/pulp_openstack/plugins/pulp_openstack/plugins/distributors/distributor_glance.py"
, line 10, in <module>
    from pulp_openstack.plugins.distributors.glance_publish_steps import GlancePublisher
File "/home/ec2-user/devel/pulp_openstack/plugins/pulp_openstack/plugins/distributors/glance_publish_steps.p
y", line 8, in <module>
    from pulp_openstack.common import openstack_utils
File "/home/ec2-user/devel/pulp_openstack/common/pulp_openstack/common/openstack_utils.py", line 3, in <modu
le>
    import keystoneclient.v2_0.client as ksclient
ImportError: No module named keystoneclient.v2_0.client
```

3)

If in `/etc/yum.repos.d/rhel-pulp.repo` I have

```
Version 2.x Production Releases
[pulp-2-stable]
name=Pulp 2 Production Releases
baseurl=https://repos.fedorapeople.org/repos/pulp/pulp/stable/2/$releasever/$basearch/
enabled=1
skip_if_unavailable=1
ggpcheck=1
ggpkey=https://repos.fedorapeople.org/repos/pulp/pulp/GPG-RPM-KEY-pulp-2
```

Then I have an error:

```
>> sudo yum install @pulp-server-qpuid @pulp-admin @pulp-consumer
```

```
--> Finished Dependency Resolution
Error: Package: python-pulp-bindings-2.6.2-1.el7.noarch (pulp-2-stable)
```

```

    Requires: python-oauth2 >= 1.5.170-2.pulp
Error: Package: python-webpy-0.37-3.el7.noarch (pulp-2-stable)
    Requires: python-cherrypy
Error: Package: python-mongoengine-0.7.10-2.el7.noarch (pulp-2-stable)
    Requires: python-pymongo-gridfs
Error: Package: python-pulp-client-lib-2.6.2-1.el7.noarch (pulp-2-stable)
    Requires: python-okaara >= 1.0.32
Error: Package: pulp-rpm-plugins-2.6.2-1.el7.noarch (pulp-2-stable)
    Requires: createrepo_c >= 0.4.1-1
Error: Package: python-celery-3.1.11-1.el7.noarch (pulp-2-stable)
    Requires: python-anyjson
Error: Package: pulp-server-2.6.2-1.el7.noarch (pulp-2-stable)
    Requires: python-httplib2
Error: Package: 1:python-kombu-3.0.24-7.pulp.el7.noarch (pulp-2-stable)
    Requires: python-anyjson >= 0.3.3
Error: Package: python-mongoengine-0.7.10-2.el7.noarch (pulp-2-stable)
    Requires: python-pymongo >= 2.1.1
Error: Package: pulp-server-2.6.2-1.el7.noarch (pulp-2-stable)
    Requires: python-oauth2 >= 1.5.211
Error: Package: pulp-server-2.6.2-1.el7.noarch (pulp-2-stable)
    Requires: python-pymongo >= 2.5.2
    You could try using --skip-broken to work around the problem
    You could try running: rpm -Va --nofiles --nodigest

```

#### 4) If instead I have 2.6-testing enabled, there is an error:

```

>> sudo yum install @pulp-server-qpidd @pulp-admin @pulp-consumer

--> Finished Dependency Resolution
Error: Package: python-mongoengine-0.7.10-2.el7.noarch (pulp-2.6-beta)
    Requires: python-pymongo-gridfs
Error: Package: python-mongoengine-0.7.10-2.el7.noarch (pulp-2.6-beta)
    Requires: python-pymongo >= 2.1.1
Error: Package: pulp-server-2.6.3-0.2.beta.el7.noarch (pulp-2.6-beta)
    Requires: python-httplib2
Error: Package: python-webpy-0.37-3.el7.noarch (pulp-2.6-beta)
    Requires: python-cherrypy
Error: Package: python-celery-3.1.11-1.el7.noarch (pulp-2.6-beta)
    Requires: python-anyjson
Error: Package: 1:python-kombu-3.0.24-8.pulp.el7.noarch (pulp-2.6-beta)
    Requires: python-anyjson >= 0.3.3
Error: Package: python-pulp-client-lib-2.6.3-0.2.beta.el7.noarch (pulp-2.6-beta)
    Requires: python-okaara >= 1.0.32
Error: Package: pulp-server-2.6.3-0.2.beta.el7.noarch (pulp-2.6-beta)
    Requires: python-oauth2 >= 1.5.211
Error: Package: pulp-rpm-plugins-2.6.3-0.2.beta.el7.noarch (pulp-2.6-beta)
    Requires: createrepo_c >= 0.4.1-1
Error: Package: pulp-server-2.6.3-0.2.beta.el7.noarch (pulp-2.6-beta)
    Requires: python-pymongo >= 2.5.2
Error: Package: python-pulp-bindings-2.6.3-0.2.beta.el7.noarch (pulp-2.6-beta)
    Requires: python-oauth2 >= 1.5.170-2.pulp
    You could try using --skip-broken to work around the problem
    You could try running: rpm -Va --nofiles --nodigest

```

#### 5) If I enable 2.7, it's the same:

```

--> Finished Dependency Resolution
Error: Package: pulp-server-2.7.0-0.4.beta.el7.noarch (pulp-2.7-beta)
    Requires: python-oauth2 >= 1.5.211
Error: Package: python-pulp-client-lib-2.7.0-0.4.beta.el7.noarch (pulp-2.7-beta)
    Requires: python-okaara >= 1.0.32
Error: Package: pulp-rpm-plugins-2.7.0-0.4.beta.el7.noarch (pulp-2.7-beta)
    Requires: createrepo_c >= 0.4.1-1
Error: Package: 1:python-kombu-3.0.24-8.pulp.el7.noarch (pulp-2.7-beta)
    Requires: python-anyjson >= 0.3.3
Error: Package: pulp-server-2.7.0-0.4.beta.el7.noarch (pulp-2.7-beta)
    Requires: python-httplib2
Error: Package: python-celery-3.1.11-1.el7.noarch (pulp-2.7-beta)
    Requires: python-anyjson
Error: Package: pulp-server-2.7.0-0.4.beta.el7.noarch (pulp-2.7-beta)
    Requires: python-django >= 1.4.0
Error: Package: python-pulp-bindings-2.7.0-0.4.beta.el7.noarch (pulp-2.7-beta)
    Requires: python-oauth2 >= 1.5.170-2.pulp
    You could try using --skip-broken to work around the problem
    You could try running: rpm -Va --nofiles --nodigest

```

I used <https://repos.fedorapeople.org/repos/pulp/pulp/rhel-pulp.repo>.  
Extras and Optional were enabled.

**#4 - 07/21/2015 05:21 PM - igulina@redhat.com**

The were no issues 3, 4, 5 on F20.

**#5 - 07/24/2015 04:20 PM - mhrivnak**

- Severity changed from 2. Medium to 1. Low  
- Triaged changed from No to Yes

**#6 - 08/14/2015 07:19 PM - rbarlow**

- Status changed from NEW to ASSIGNED  
- Assignee set to rbarlow  
- Version set to Master

**#7 - 08/17/2015 10:23 PM - rbarlow**

- Status changed from ASSIGNED to MODIFIED  
- % Done changed from 0 to 100

Applied in changeset [pulp|9c88c731ccf0dc7b19da637e550e5616da8eb413](#).

**#8 - 09/14/2015 08:29 PM - rbarlow**

- Platform Release set to master

**#9 - 11/12/2015 04:50 PM - rbarlow**

- Platform Release changed from master to 2.8.0

**#10 - 02/23/2016 09:56 PM - dkliban@redhat.com**

- Status changed from MODIFIED to 5

**#11 - 03/02/2016 10:03 PM - rbarlow**

- Status changed from 5 to 6

I can testify that this script works.

**#13 - 03/23/2016 07:47 PM - dkliban@redhat.com**

- Status changed from 6 to CLOSED - CURRENTRELEASE

**#15 - 04/15/2019 10:45 PM - bmbouter**

- Tags Pulp 2 added