

Puppet Support - Issue #1607

Puppet install distributor fails when deleting repository if not published

01/30/2016 09:07 PM - jsherril@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	ttereshc	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	3. High	Groomed:	No
Version:	Master	Sprint Candidate:	No
Platform Release:	2.8.1	Tags:	Pulp 2
OS:	CentOS 7	Sprint:	
Triaged:	Yes	Quarter:	
Description			
<p>This PR: https://github.com/pulp/pulp_puppet/pull/187 seems to not handle when the directory does not exist.</p> <p>If you create a repo with the puppet install distributor to it and try to delete the repo, pulp will error:</p> <pre>Traceback (most recent call last): File "/usr/lib/python2.7/site-packages/pulp/server/controllers/repository.py", line 515, in dist_controller.delete(distributor.repo_id, distributor.distributor_id) File "/usr/lib/python2.7/site-packages/celery/local.py", line 167, in <lambda> __call__ = lambda x, *a, **kw: x._get_current_object()(*a, **kw) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 473, in __call__ return super(Task, self).__call__(*args, **kwargs) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 103, in __call__ return super(PulpTask, self).__call__(*args, **kwargs) File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 438, in __protected_call__ return orig(self, *args, **kwargs) File "/usr/lib/python2.7/site-packages/celery/app/task.py", line 420, in __call__ return self.run(*args, **kwargs) File "/usr/lib/python2.7/site-packages/pulp/server/controllers/distributor.py", line 133, in dist_instance.distributor_removed(repo.to_transfer_repo(), call_config) File "/usr/lib/python2.7/site-packages/pulp_puppet/plugins/distributors/installdistributor.py", line shutil.rmtree(destination) File "/usr/lib64/python2.7/shutil.py", line 239, in rmtree onerror(os.listdir, path, sys.exc_info()) File "/usr/lib64/python2.7/shutil.py", line 237, in rmtree names = os.listdir(path) SError: [Errno 2] No such file or directory: '/var/lib/pulp/published/puppet_katello_test'</pre>			
<p>If you first publish it, it seems to delete just fine</p>			
Related issues:			
Has duplicate Puppet Support - Issue #1777: Repo removal fails with "No such ...		CLOSED - DUPLICATE	

Associated revisions

Revision a172f50a - 03/21/2016 10:55 AM - ttereshc

Stop re-raising exceptions during the removal of install_path

<https://pulp.plan.io/issues/1607> closes #1607

History

#1 - 01/30/2016 09:08 PM - jsherril@redhat.com

- Subject changed from *Puppet install distributor fails* to *Puppet install distributor fails when deleting repository if not published*

#2 - 02/05/2016 04:51 PM - jortel@redhat.com

- Severity changed from 2. Medium to 3. High

- Platform Release set to 2.8.1

- Triaged changed from No to Yes

#3 - 03/10/2016 02:53 PM - ttereshc

- Assignee set to ttereshc

#4 - 03/10/2016 03:47 PM - ttereshc

Note: The traceback above is from logs, output says that the task failed with PulpExecutionException:

```
$ pulp-admin puppet repo delete --repo-id puppet_repo
```

```
Task Failed
```

```
Pulp exception occurred: PulpExecutionException
```

```
[Errno 2] No such file or directory: 'your_directory_that_does_not_exist'
```

#5 - 03/10/2016 03:58 PM - ttereshc

- Status changed from *NEW* to *ASSIGNED*

#6 - 03/10/2016 04:18 PM - ttereshc

I think it was intentionally made so that user would see if there were some issues during directory removal.

https://github.com/pulp/pulp_puppet/blob/2.8.0/pulp_puppet_plugins/pulp_puppet/plugins/distributors/installdistributor.py#L199-L205

But here is the possible downside of such approach. If everything was removed correctly except this `install_path`, we are in a such state, that the repository is no longer exists, everything is removed, but our task failed and tasks for unbinding consumers were not scheduled.

<https://github.com/pulp/pulp/blob/2.8.0/server/pulp/server/controllers/repository.py#L523-L562>

We also won't be able to repeat this repository deletion, because it actually was removed. It all looks a little confusing to me.

So maybe it is better not to re-raise exceptions for the `install_path` removal at all but still log it? And also even not to log the no-such-file-or-directory exception?

#7 - 03/10/2016 05:26 PM - mhrivnak

I agree that it shouldn't cause the whole task to fail. Perhaps we should just log the exception at warning level, and not re-raise?

#8 - 03/11/2016 11:26 AM - ttereshc

- Status changed from *ASSIGNED* to *POST*

I agree.

https://github.com/pulp/pulp_puppet/pull/219

#9 - 03/17/2016 03:36 PM - ipanova@redhat.com

- Has duplicate Issue #1777: Repo removal fails with "No such file or directory" added

#11 - 03/18/2016 06:19 PM - ttereshc

- Status changed from *POST* to *ASSIGNED*

#12 - 03/21/2016 11:33 AM - ttereshc

- Status changed from *ASSIGNED* to *POST*

https://github.com/pulp/pulp_puppet/pull/223

#13 - 03/21/2016 01:55 PM - ttereshc

- Status changed from *POST* to *MODIFIED*

- % Done changed from 0 to 100

Applied in changeset [a172f50aae1fd8939e980f3dcf0d9cbfacddafab](#).

#14 - 03/21/2016 02:09 PM - ttereshc

- Platform Release changed from 2.8.1 to 2.7.2

#15 - 03/21/2016 05:04 PM - ttereshc

- Platform Release changed from 2.7.2 to 2.8.1

#16 - 03/23/2016 07:55 PM - semyers

- Status changed from MODIFIED to 5

#17 - 03/28/2016 11:22 PM - pthomas@redhat.com

- Status changed from 5 to 6

verified

```
[root@ibm-x3550m3-10 ~]# rpm -qa |grep puppet
pulp-puppet-plugins-2.8.1-0.1.beta.el7.noarch
pulp-puppet-admin-extensions-2.8.1-0.1.beta.el7.noarch
python-pulp-puppet-common-2.8.1-0.1.beta.el7.noarch
[root@ibm-x3550m3-10 ~]#
```

```
[root@ibm-x3550m3-10 ~]#
```

```
[root@ibm-x3550m3-10 ~]#
```

```
[root@ibm-x3550m3-10 ~]# pulp-admin puppet repo create --repo-id puppet
Successfully created repository [puppet]
```

```
[root@ibm-x3550m3-10 ~]# ipython
```

```
Python 2.7.5 (default, Oct 11 2015, 17:47:16)
```

```
Type "copyright", "credits" or "license" for more information.
```

IPython 3.2.1 -- An enhanced Interactive Python.

? -> Introduction and overview of IPython's features.

%quickref -> Quick reference.

help -> Python's own help system.

object? -> Details about 'object', use 'object??' for extra details.

```
In [1]: from pulp.common import pic
```

```
In [2]: pic.connect()
```

```
In [3]: pic.POST('/v2/repositories/puppet/distributors/', {'distributor_type_id': 'puppet_install_distributor', 'distributor_id': 'puppet_install_distributor', 'auto_publish': False, 'distributor_config': {'install_path': '/etc/puppet/puppet/'}})
```

Request Body

```
{
  "distributor_id": "puppet_install_distributor",
  "distributor_type_id": "puppet_install_distributor",
  "distributor_config": {
    "install_path": "/etc/puppet/puppet/"
  },
  "auto_publish": false
}
```

Response Body

```
{
  "repo_id": "puppet",
  "_href": "/pulp/api/v2/repositories/puppet/distributors/puppet_install_distributor/",
  "_ns": "repo_distributors",
  "last_publish": null,
  "auto_publish": false,
  "distributor_type_id": "puppet_install_distributor",
  "scratchpad": {},
  "_id": {
    "$oid": "56f99f550e8c234e92ebcafe"
  },
  "config": {
    "install_path": "/etc/puppet/puppet/"
  },
  "id": "puppet_install_distributor"
}
```

```
Out[3]:
(201,
{'u'_href': u'/pulp/api/v2/repositories/puppet/distributors/puppet_install_distributor/',
'u'_id': {'u'$oid': u'56f99f550e8c234e92ebcafe'},
'u'_ns': u'repo_distributors',
'u'auto_publish': False,
'u'config': {'u'install_path': u'/etc/puppet/puppet/'},
'u'distributor_type_id': u'puppet_install_distributor',
'u'id': u'puppet_install_distributor',
'u'last_publish': None,
'u'repo_id': u'puppet',
'u'scratchpad': {}})
```

```
In [4]: exit
[root@ibm-x3550m3-10 ~]#
[root@ibm-x3550m3-10 ~]#
[root@ibm-x3550m3-10 ~]# pulp-admin puppet repo delete --repo-id puppet
This command may be exited via ctrl+c without affecting the request.
```

```
[ ]
Running...
```

Repository [puppet] successfully deleted

And the log still raises the error.

```
Mar 28 23:17:51 ibm-x3550m3-10.lab.eng.brq.redhat.com pulp[19804]: pulp_puppet.plugins.distributors.installdistributor:WARNING: error removing environment: [Errno 2] No such file or directory: '/etc/puppet/puppet/'
```

#18 - 04/05/2016 10:19 PM - semyers

- Status changed from 6 to CLOSED - CURRENTRELEASE

#21 - 04/15/2019 10:36 PM - bmbouter

- Tags Pulp 2 added