

Pulp - Story #949

[RFE] Allow Pulp server to clean yum cache on consumer to take care of package rollback/update scenarios

05/05/2015 06:47 PM - vijaykumar.jain@nomura.com

Status:	CLOSED - WONTFIX	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:		Tags:	Pulp 2
Platform Release:		Sprint:	
Groomed:	No	Quarter:	
Sprint Candidate:	No		

Description

Description of problem:

While deploying packages via admin cli, updating packages requires yum clean all (clearing yum cache) to get latest package from the repository.

Proposal to provide --force/--force-clean-cache to package deployment actions to ensure deployment runs only after yum cache is deleted (on similar lines of running a remote shell command with --reboot)

Version-Release number of selected component (if applicable):

2.5.1

How reproducible:

install package and then try to update package.

package not updated.

Steps to Reproduce:

Create Repo

```
pulp-admin -u admin -p admin rpm repo create --repo-id testrollback
```

Successfully created repository [testrollback]

package contents

```
tree package
```

```
package
```

```
├── v2.5.1.txt
```

Create package

```
fpm -s dir -t rpm -n package -v 2.5.1 --prefix /local/0/pulptest package
```

Upload/Publish package

```
pulp-admin -u admin -p admin rpm repo uploads rpm --file ./package-2.5.1-1.x86_64.rpm --repo-id testrollback
```

```
pulp-admin -u admin -p admin rpm repo publish run --repo-id testrollback
```

Bind Repo to consumer

```
pulp-admin -u admin -p admin rpm consumer bind --repo-id testrollback --consumer-id server.example.com
```

Install package

```
pulp-admin -u admin -p admin rpm consumer package install run --consumer-id=server.example.com -n package
```

Install task created with id [90b179a2-f629-4d3f-a7a2-25ad7ccc9228]

This command may be exited via ctrl+c without affecting the request.

Refresh Repository Metadata [OK]

Downloading Packages [OK]

Check Package Signatures [OK]

Running Test Transaction [OK]

Running Transaction [OK]

Install Succeeded

Installed

Name: package
Version: 2.5.1
Arch: x86_64
RepoId: testrollback

Verify package package-2.5.1-1.x86_64 installed
rpm -qa | grep package-2.5
package-2.5.1-1.x86_64

create new package
tree package
package
├── v2.5.1.txt
└── v2.5.2.txt

fpm -s dir -t rpm -n package -v 2.5.2 --prefix /local/0/pulptest package

Upload/Publish Package

pulp-admin -u admin -p admin rpm repo uploads rpm --file ./package-2.5.2-1.x86_64.rpm --repo-id testrollback
pulp-admin -u admin -p admin rpm repo publish run --repo-id testrollback

Update package

pulp-admin -u admin -p admin rpm consumer package update run --consumer-id=server.example.com -n package

Update task created with id [c33c2416-5a44-4dbb-b580-e269327b8928]

This command may be exited via ctrl+c without affecting the request.

Refresh Repository Metadata [OK]

Update Succeeded

Packages already updated

Verify package updated to package-2.5.2-1.x86_64 (FAILED)
rpm -qa | grep package-2.5
package-2.5.1-1.x86_64

Run yum clean all on consumer
yum clean all

Run update again

pulp-admin -u admin -p admin rpm consumer package update run --consumer-id=server.example.com -n package --ticket 123
--repo-id foo

Update task created with id [f03659a7-9425-4d0f-9c8f-ed066b7ba18]

This command may be exited via ctrl+c without affecting the request.

Refresh Repository Metadata [OK]

Downloading Packages [OK]

Check Package Signatures [OK]

Running Test Transaction [OK]

Running Transaction [OK]

Update Succeeded

Updated

Name: package
Version: 2.5.2
Arch: x86_64
RepoId: testrollback

Verify package updated to package-2.5.2-1.x86_64
rpm -qa | grep package-2.5
package-2.5.2-1.x86_64

Actual results:

```
pulp-admin -u admin -p admin rpm consumer package update run --consumer-id=server.example.com -n package
```

Update task created with id [c33c2416-5a44-4dbb-b580-e269327b8928]

This command may be exited via ctrl+c without affecting the request.

Refresh Repository Metadata [OK]

Update Succeeded

Packages already updated

Expected results:

```
pulp-admin -u admin -p admin rpm consumer package update run --consumer-id=server.example.com -n package --ticket 123 --repo-id foo
```

Update task created with id [f03659a7-9425-4d0f-9c8f-ed066b7ba18]

This command may be exited via ctrl+c without affecting the request.

Refresh Repository Metadata [OK]

Downloading Packages [OK]

Check Package Signatures [OK]

Running Test Transaction [OK]

Running Transaction [OK]

Update Succeeded

Updated

Name: package
Version: 2.5.2
Arch: x86_64
RepoId: testrollback

Verify package updated to package-2.5.2-1.x86_64
rpm -qa | grep package-2.5
package-2.5.2-1.x86_64

Additional info:

History

#1 - 06/08/2015 02:41 PM - mhrivnak

- Platform Release deleted (2.7.0)

#2 - 04/12/2019 09:06 PM - bmbouter

- Status changed from NEW to CLOSED - WONTFIX

#3 - 04/12/2019 09:12 PM - bmbouter

Pulp 2 is approaching maintenance mode, and this Pulp 2 ticket is not being actively worked on. As such, it is being closed as WONTFIX. Pulp 2 is still accepting contributions though, so if you want to contribute a fix for this ticket, please reopen or comment on it. If you don't have permissions to

reopen this ticket, or you want to discuss an issue, please reach out via the [developer mailing list](#).

#4 - 04/15/2019 10:49 PM - bmbouter

- *Tags Pulp 2 added*

#5 - 06/16/2020 10:55 PM - bmbouter

- *Category deleted (14)*

We are removing the 'API' category per open floor discussion June 16, 2020.