

RPM Support - Test #4952

Test # 4942 (CLOSED - COMPLETE): [EPIC] - Pulp2 - 2.20

Missing rpms in erratum pkglist when an erratum appears in multiple repos caused wrong applicability calculation.

06/11/2019 02:15 PM - bherring

Status: CLOSED - COMPLETE	
Priority: Normal	
Assignee: kersom	
Category:	
Sprint/Milestone:	
Version: 2.18.1	Sprint:
Platform Release:	Quarter:
Tags: Pulp 2	
Description	
Description of problem: Pulp will returns wrong 'pkglist' if an erratum exists in multiple repositories and user syncs multiple of these repositories	
For example: Erratum 'RHSA-2019:1235' exists in both 'rhel-7-server-rpms' repo and 'rhel-7-server-optional-debug-rpms' repo with the following 'pkglist' respectively	
rhel-7-server-rpms: "ruby-libs-2.0.0.648-35.el7_6.x86_64.rpm", "ruby-libs-2.0.0.648-35.el7_6.i686.rpm", "ruby-2.0.0.648-35.el7_6.x86_64.rpm", "rubygem-bigdecimal-1.2.0-35.el7_6.x86_64.rpm", "rubygem-psych-2.0.0-35.el7_6.x86_64.rpm", "rubygem-rdoc-4.0.0-35.el7_6.noarch.rpm", "ruby-irb-2.0.0.648-35.el7_6.noarch.rpm", "rubygem-io-console-0.4.2-35.el7_6.x86_64.rpm", "rubygems-2.0.14.1-35.el7_6.noarch.rpm", "rubygem-json-1.7.7-35.el7_6.x86_64.rpm"	
rhel-7-server-optional-debug-rpms: "ruby-debuginfo-2.0.0.648-35.el7_6.x86_64.rpm",	
After syncing these 2 repos to the Satellite, Pulp will only list the 'ruby-debuginfo rpm' in the erratum 'pkglist'. Pulp will calculate the wrong applicability for the consumer because the erratum is listing only 1 rpm.	
Test in "foreman-rake console":	
1. Before enabling debug repo, the erratum shows 10 packages: pp Katello::pulp_server.resources.repository.unit_search("046aa6b4-6369-4ef7-a3f7-3959250bd86f", {:type_ids => ['erratum'], filters: {unit: {"errata_id": "RHSA-2019:1235"}}})[0]['metadata']['pkglist'][0]['packages'].size 10	
1. After enabling and sync debug repo. the erratum shows only 1 package. pp Katello::pulp_server.resources.repository.unit_search("046aa6b4-6369-4ef7-a3f7-3959250bd86f", {:type_ids => ['erratum'], filters: {unit: {"errata_id": "RHSA-2019:1235"}}})[0]['metadata']['pkglist'][0]['packages'].size 1	
pp Katello::pulp_server.resources.repository.unit_search("046aa6b4-6369-4ef7-a3f7-3959250bd86f", {:type_ids => ['erratum'], filters: {unit: {"errata_id": "RHSA-2019:1235"}}})[0]['metadata']['pkglist'][0]['packages'][0]['filename'] "ruby-debuginfo-2.0.0.648-35.el7_6.x86_64.rpm"	
exit	
Steps to Reproduce:	

1. Ensure you have a RHEL 7 client with older ruby version. Lets say Client 'A'.
2. Enable and sync 'rhel-7-server-rpms' repo
3. Go to Web UI -> Hosts -> Content Hosts -> Client 'A' -> Errata tab -> Filter "id = RHSA-2019:1235" should show this erratum is applicable/installable.
4. Enable and sync 'rhel-7-server-optional-debug-rpms' repo
5. Now need to do something so that we can FORCE recalculate the applicability for Client 'A'

On client 'A' do:

```
subscription-manager repos --enable="rhel-7-server-optional-debug-rpms"  
katello-enabled-repos-upload -f
```

6. Wait for the regenerate applicability task to finish
7. Go to Web UI -> Hosts -> Content Hosts -> Client 'A' -> Errata tab -> Filter "id = RHSA-2019:1235" shows empty result.

Actual results:

Errata RHSA-2019:1235 is not applicable to Client A

Expected results:

Errata RHSA-2019:1235 is applicable to the Client A

Related issues:

Copied from RPM Support - Issue #4880: Missing rpms in erratum pkglist when a...

CLOSED - CURRENTRELEASE

Associated revisions**Revision 1673d3ca - 07/08/2019 07:20 PM - kersom**

Verify pkglist returned when errata is in more than one repository

Verify that Pulp will returns right 'pkglist' if an erratum exists in multiple repositories and user syncs multiple of these repositories.

Tweak constants file, and remove unused test_modular_errata.rst.

<https://pulp.plan.io/issues/4952> closes:#4952

History**#1 - 06/11/2019 02:15 PM - bherring**

- Copied from Issue #4880: Missing rpms in erratum pkglist when an erratum appears in multiple repos caused wrong applicability calculation. added

#2 - 07/01/2019 11:29 PM - kersom

- Status changed from NEW to ASSIGNED

- Assignee set to kersom

#3 - 08/20/2019 07:49 PM - kersom

This is already tested. See: <https://github.com/PulpQE/Pulp-2-Tests/pull/205>

#4 - 08/20/2019 07:50 PM - kersom

- Status changed from ASSIGNED to CLOSED - COMPLETE