

RPM Support - Issue #2793

applicable rpms only show up if at least one errata is applicable

06/05/2017 09:56 PM - jsherril@redhat.com

Status:	CLOSED - WORKSFORME	Start date:	
Priority:	High	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	3. High	Groomed:	No
Version:	2.12.2	Sprint Candidate:	No
Platform Release:		Tags:	Pulp 2
OS:	CentOS 7	Sprint:	
Triaged:	Yes	Quarter:	

Description

Steps to reproduce:

- 1) Register a consumer
- 2) create and sync a yum repository without errata (such as centos7 updates http://mirror.centos.org/centos/7/updates/x86_64/)
- 3) bind the consumer to repo 2)
- 4) ensure that at least one package is older than is available (such as running 'yum downgrade screen')
- 5) generate repo applicability using the call:

POST /pulp/api/v2/consumers/actions/content/regenerate_applicability/ with body:

```
{ 'consumer_criteria' : { 'filters' : { 'id' : { '$in' : [UUID] } } } }
```

- 6) fetch applicable rpm ids:
/consumers/content/applicability/

```
{  
'criteria' : { 'filters' : { 'id' : { '$in' : [UUID] } } },  
'content_types' : ['rpm']  
}
```

The list will be empty. However if you then

- 7) create a new repo with errata (<https://jsherrill.fedorapeople.org/fake-repos/needed-errata/>), sync it
- 8) bind that repo to the consumer
- 9) install the older version of walrus (0.71)
- 10) trigger applicability generation in the same way
- 11) fetch applicable rpm ids again

you'll see that now walrus AND the needed centos rpms are showing as applicable. The rpms applicable from the 2nd repo have nothing to do with the first repo. It seems like maybe pulp is ignoring all applicable rpms if no errata are applicable.

History

#1 - 06/05/2017 10:01 PM - jsherril@redhat.com

- Description updated

#2 - 06/06/2017 04:34 PM - ttereshc

- Priority changed from Normal to High

- Triaged changed from No to Yes

#3 - 06/06/2017 06:24 PM - ttereshc

I can't reproduce it. I tried both master and 2.12.2.

@jsherril, do you have a specific example of the package you downgraded (screen does not seem to be in the example repo)

What I did:

- created and synced repo "centos" http://mirror.centos.org/centos/7/updates/x86_64/
- added consumer

```
curl -H "Accept: application/json" -X POST -d '{"id": "con1"}' -k -u admin:admin 'https://localhost/pulp/api/v2/consumers/'
```

- bound consumer to repo "centos"

```
curl -H "Accept: application/json" -X POST -d '{"notify_agent": false, "repo_id": "centos", "distributor_id": "yum_distributor"}' -k -u admin:admin 'https://localhost/pulp/api/v2/consumers/con1/bindings/'
```

- set consumer profile with NetworkManager version lower than in repo

```
curl -H "Accept: application/json" -X POST -d '{"content_type": "rpm", "profile": [{"arch": "x86_64", "epoch": 1, "name": "NetworkManager", "release": "13.el7_3", "vendor": "smth", "version": "1.3.0"}]}' -k -u admin:admin 'https://localhost/pulp/api/v2/consumers/con1/profiles/'
```

- requested applicability regeneration

```
curl -H "Accept: application/json" -X POST -d '{"consumer_criteria": {"filters": {"id": {"$in": ["con1"]}}}}' -k -u admin:admin 'https://localhost/pulp/api/v2/consumers/actions/content/regenerate_applicability/'
```

- fetch the applicability for consumer

```
curl -H "Accept: application/json" -X POST -d '{"content_types": ["rpm"], "criteria": {"filters": {"id": {"$in": ["con1"]}}}}' -k -u admin:admin 'https://localhost/pulp/api/v2/consumers/content/applicability/'
```

```
[
  {
    "applicability": {
      "rpm": [
        "2339ea0f-0b35-49bd-9293-02395882e3a8",
        "2bfd0a3b-f1c9-46f2-b763-b3a390c614d2",
        "b004bdf4-010b-4d2c-8f37-3ca94e360af6",
        "ced8e105-410a-457d-a8b5-a87cc4f94c04",
        "e266726a-6801-4782-a065-17afdbc6f921"
      ]
    },
    "consumers": [
      "con1"
    ]
  }
]
```

#6 - 12/20/2017 04:06 PM - ttereshc

- Status changed from NEW to CLOSED - WORKSFORME

#7 - 04/15/2019 10:17 PM - bmbouter

- Tags Pulp 2 added