

Pulp - Test #4357

Pulp 2.19 master pulled epel django instead of pulp 2 django

01/29/2019 01:41 PM - bherring

Status: CLOSED - COMPLETE	
Priority: Urgent	
Assignee: bherring	
Category:	
Sprint/Milestone:	
Version:	Sprint:
Platform Release:	Quarter:
Tags: Pulp 2	

Description

Problem

When running nightly rhel76-fips testing, there were 500 errors [0] on jenkins tests since 1/23 and issues in journalctl with django [1].

After talking with asmacdo and daviddavis, it appears this may be a django being pulled from EPEL and not from our Pulp 2 repos on build [2][3]

Testing

It was determined this was the result of EPEL django precedence over the pulp.repo version that was built. This issue has been seen before.

Forced installation of the **python2-django-1.11.17-1** from the fedorapeople repo [3] and restart of services (or with a hammer of **shutdown now -r**) resulted in a functioning pulp install.

```
[root@rhel76-fips ~]# journalctl -f
-- Logs begin at Mon 2019-01-28 12:33:13 EST. --
Jan 28 12:34:38 rhel76-fips pulp[5046]: kombu.transport.qpid:INFO: Connected to qpid with SASL mechanism ANONYMOUS
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) Internal Server Error: /pulp/api/v2/status/
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) Traceback (most recent call last):
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) File "/usr/lib/python2.7/site-packages/django/core/handlers/base.py", line 131, in get_response
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) response = middleware_method(request, response)
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) File "/usr/lib/python2.7/site-packages/django/middleware/http.py", line 23, in process_response
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) set_response_etag(response)
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) File "/usr/lib/python2.7/site-packages/django/utils/cache.py", line 109, in set_response_etag
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) response['ETag'] = quote_etag(hashlib.md5(response.content).hexdigest())
Jan 28 12:34:38 rhel76-fips pulp[5046]: django.request:ERROR: (5046-27424) ValueError: error:060800A3:digital envelope routines:EVP_DigestInit_ex:disabled for fips
```

Actions

Pulp-dev determined this issue as a low priority issue where documentation exercise may happen as a result of this issue.

For QE, this is a critical breakage of CI as the ansible install fails on FIPS installation and puts the box into a non-testable state. QE will be opening a related Urgent test tracker to fix the issue in the pulp-ci installer to fix mission critical work.

References

- [0] - <https://paste.fedoraproject.org/paste/bPRtYPa4ZCLShrZ7VUMqMQ>
- [1] - <https://pulp-jenkins.rhev-ci-vms.eng.rdu2.redhat.com/view/Pulp%202%20Master/job/pulp-2-master-dev-rhel7-fips/228/>
- [2] - <https://paste.fedoraproject.org/paste/6eHTS1Uc3NkC0hohvKe-TA> [from the affected 2.19a1-nightly box under test
- [3] - 2.11.17-1 https://repos.fedorapeople.org/repos/pulp/pulp/v2/testing/automation/2.19/stage/7Server/x86_64/
- [4] - <https://wiki.centos.org/PackageManagement/Yum/Priorities>

Related issues:

Related to Pulp - Test #4359: 2.18.1 Testing

CLOSED - COMPLETE

Copied from Pulp - Issue #4354: Pulp 2.19 master pulled epel django instead o...

CLOSED - WONTFIX

History

#1 - 01/29/2019 01:41 PM - bherring

- Copied from Issue #4354: Pulp 2.19 master pulled epel django instead of pulp 2 django added

#2 - 01/29/2019 01:42 PM - bherring

- Description updated

- Status changed from NEW to ASSIGNED

#3 - 01/29/2019 01:59 PM - bherring

Notes

Need to decrease the **priority** (or have a value so default of 99 is not used) for pulp.repo [4].

Target fix currently is [5].

Additional References:

[4] - https://docs.ansible.com/ansible/latest/modules/yum_repository_module.html

[5] - <https://github.com/pulp/pulp-ci/blob/master/ci/ansible/roles/pulp/tasks/main.yaml>

#4 - 01/30/2019 01:28 PM - bherring

- Related to Test #4359: 2.18.1 Testing added

#5 - 01/30/2019 01:29 PM - bherring

- Description updated

#6 - 01/31/2019 09:43 PM - bherring

Update

@Raga, if it helps, the change to our ansible-playbooks will look something like this in **pulp_server** --> role: -pulp --> task/main.yaml

```
- name: Setup Pulp nightly repository
  template:
    src: yum_repo.j2
    dest: /etc/yum.repos.d/{{ item.key }}.repo
  with_dict:
    pulp:
      name: Pulp Project repository
      baseurl: "https://repos.fedorapeople.org/pulp/pulp/testing/automation/{{ pulp_version }}/stage/{% if ansible_distribution == 'Fedora' %}fedora-{% endif %}$releasever/$basearch/"
      gpgcheck: 0
      priority: 50
      when: pulp_build == "nightly"

- name: Setup Pulp nightly koji repository
  template:
    src: yum_repo.j2
    dest: /etc/yum.repos.d/{{ item.key }}.repo
  with_dict:
    pulp:
      name: Pulp Project repository
      baseurl: "http://koji.katello.org/releases/yum/pulp-nightly/pulp/{% if ansible_distribution == 'Fedora' %}fedora-{% endif %}$releasever/$basearch/"
      gpgcheck: 0
      priority: 50
      when: pulp_build == "nightly_koji"
```

```
- name: Setup Pulp beta or stable repository
  template:
    src: yum_repo.j2
    dest: /etc/yum.repos.d/{{ item.key }}.repo
  with_dict:
    pulp:
      name: Pulp Project repository
      baseurl: "https://repos.fedorapeople.org/pulp/pulp/{{ pulp_build }}/{{ pulp_version }}/{% if ansible_distribution == 'Fedora' %}fedora-{% endif %}$releasever/$basearch/"
      gpgcheck: 0
      priority: 50
      when: pulp_build == "beta" or pulp_build == "stable"

- name: check fips state
  shell: cat /proc/sys/crypto/fips_enabled
  register: fips_state

- name: install yum-plugin-priorities
  package:
    name: yum-plugin-priorities
    state: present
  when: fips_state.stdout == '1'
```

Will be checking in later after 2.18.1.b1

#7 - 02/04/2019 09:01 PM - bherring

I mis-typed the PR, so it didn't auto-add: <https://github.com/pulp/pulp-ci/pull/636>

#8 - 02/04/2019 09:14 PM - bherring

- Status changed from ASSIGNED to MODIFIED

#9 - 02/06/2019 02:54 PM - bherring

- Status changed from MODIFIED to CLOSED - COMPLETE

#10 - 04/15/2019 10:03 PM - bmbouter

- Tags Pulp 2 added