Pulp - Task #3375

Update psycopg2 dependency to psycopg2-binary

02/15/2018 10:09 PM - bizhang

Status:	CLOSED - CURRENTRELEASE	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	bizhang	**% Done:**	100%
Category:		**Estimated time:**	0:00 hour
Sprint/Milestone:	3.0.0		
Platform Release:		**Tags:**	Easy Fix
Groomed:	No	**Sprint:**	
Sprint Candidate:	No	**Quarter:**	

Description

The psycopg2[0] package is going to move their wheels files to psycopg2-binary when version 2.8 is released.

We should switch our dependency to psycopg2-binary[1]. The wheel installation is self contained, and does not need external runtime dependencies [2] installed.

[0] https://pypi.python.org/pypi/psycopg2/2.7.4
[1] https://github.com/pulp/pulp/blob/3.0-dev/pulpcore/setup.py#L13
[2] http://initd.org/psycopg/docs/install.html#runtime-requirements

Related issues:

Related to Packaging - Task #3533: Prepare for pypi pulp3 beta release	**MODIFIED**

Associated revisions

Revision bfd74c7f - 04/23/2018 05:39 PM - werwty

Prep for pulp3 beta release

closes #3533 closes #3375

https://pulp.plan.io/issues/3533https://pulp.plan.io/issues/3375

Revision bfd74c7f - 04/23/2018 05:39 PM - werwty

Prep for pulp3 beta release

closes #3533 closes #3375

https://pulp.plan.io/issues/3533https://pulp.plan.io/issues/3375

History

#1 - 04/03/2018 04:08 PM - bizhang

- Related to Task #3533: Prepare for pypi pulp3 beta release added

#2 - 04/13/2018 08:46 PM - dalley

The PyPI landing page for psychopg2-binary says the following, FWIW:

```
The binary package is a practical choice for development and testing but in production it is advised to use th
e package built from sources.
```

#3 - 04/23/2018 04:56 AM - bizhang

The reason psycopg2-binary was separated from psycopg2 is because of occasional errors that resulted from different versions of libssl being imported by psycopg2-binary and by urllib/requests. [0]
Pulp does not use urlib nor requests to open https connections (AFAICT asyncio does not use libssl)

I think we should separate out this dependency for rpm packages and pypi packages. We have no way of ensuring the existence of build tools and runtime libraries on the client with python only dependencies.
We should work with the build team to ensure that the necessary build dependencies [1] for psycopg2 exist for the RPM package and depend on a source build for our rpm package, but continue using the binary for pypi installs

[0] http://initd.org/psycopg/articles/2018/02/08/psycopg-274-released
[1] http://initd.org/psycopg/docs/install.html#build-prerequisites

#4 - 04/23/2018 04:25 PM - bizhang

- Status changed from NEW to POST

- Assignee set to bizhang

PR: https://github.com/pulp/pulp/pull/3456

#5 - 04/23/2018 05:42 PM - bizhang

I've mentioned this to pcreech, he pointed out that psycopg2 already has a rpm built: https://buildlogs.centos.org/centos/7/sclo/x86_64/rh/rh-python36/ and we can just depend on that for our rpm :)

#6 - 04/23/2018 07:23 PM - werwty

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset pulp|bfd74c7fd92d8e125e79647f7ceeeb357a748423.

#7 - 04/25/2019 06:46 PM - daviddavis

- Sprint/Milestone set to 3.0.0

#8 - 04/26/2019 10:36 PM - bmbouter

- Tags deleted (Pulp 3)

#9 - 12/13/2019 06:30 PM - bmbouter

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE