

Debian Support - Issue #8173

sync fails under certain conditions due to python3-apt not being installed

01/28/2021 03:25 PM - jsherril@redhat.com

Status:	CLOSED - DUPLICATE	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:	Wishlist	Sprint Candidate:	No
Severity:	2. Medium	Tags:	Katello
Version - Debian:		Sprint:	
Platform Release:		Quarter:	
Target Release - Debian:			
OS:			
Triaged:	No		

Description

Ticket moved to GitHub: "pulp/pulp_deb/398":https://github.com/pulp/pulp_deb/issues/398

A katello user here: <https://projects.theforeman.org/issues/31701> reported this. When syncing a deb repo (unsure which one), it errors with:

```
/usr/lib/python3.6/site-packages/debian/deb822.py:727 UserWarning: Parsing of Deb822 data with python3-apt's apt_pkg was requested but this package is not importable. Is python3-apt installed?
```

Looking at the code, the default value for use_apt_pkg is True:

<https://salsa.debian.org/python-debian-team/python-debian/-/blob/master/lib/debian/deb822.py#L2331>

and pulp isn't overriding it:

https://github.com/pulp/pulp_deb/blob/ff7bf434b0c3aabd165f2f9793f4acce668c724/pulp_deb/app/tasks/synchronizing.py#L546

so its defaulting to True.

A full traceback isn't available, nor what repository they were syncing, but we could ask for that info if needed.

History

#1 - 01/28/2021 05:31 PM - quba42

I have noticed this warning in the past, I just never noticed any actual failures or adverse effects resulting from it.

Looking at the original Katello bug report I am not 100% sure what exactly failed, and if it is really related to the warning.

That being said I should probably stop kicking that particular can down the road and investigate.

With respect to the warning I guess there are two possibilities:

1. Stop requesting "parsing of Deb822 data with python3-apt's apt_pkg"
2. Simply add python3-apt to the pulp_deb dependencies.

I have no idea which is better or if this will solve the issue. Perhaps we can ask the user with the problem to retest the sync after manually installing the python3-apt package? (Though I am also not sure if this package is available on RPM based setups...)

#2 - 04/27/2021 05:43 PM - quba42

- *Sprint/Milestone set to Wishlist*

#3 - 05/05/2021 08:32 AM - knzivid

I noticed the same while syncing <https://apt.kitware.com/>

pulp_1 | /usr/local/lib/python3.6/site-packages/debian/deb822.py:740: UserWarning: Parsing of Deb822 data with python3-apt's apt_pkg was requested but this package is not importable. Is python3-apt installed? pulp_1 | warnings.warn(msg)

I can retest the sync after installing python3-apt. Is there an ubuntu based docker image for pulp similar to pulp/pulp-oci-images?

#4 - 05/05/2021 09:25 AM - quba42

The short answer is: I don't think there is a pulp container image running on Debian or Ubuntu.

Within the pulp_installer repo, there is a pulp3-sandbox-debian10 Vagrant box which might be the closest thing. Alternatively it might be possible to install libapt and python-apt on top of the existing CentOS container image, but that would certainly require some tinkering.

#5 - 08/05/2021 02:57 PM - quba42

See also: <https://github.com/pulp/community/discussions/73>

#6 - 01/04/2022 11:58 AM - pulpbot

- *Description updated*

- *Status changed from NEW to CLOSED - DUPLICATE*