

Debian Support - Issue #5822

Debian Repos - Not possible sync multiple releases

11/29/2019 10:11 AM - flamarion

Status:	CLOSED - WONTFIX	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	3. High	Groomed:	No
Version - Debian:		Sprint Candidate:	No
Platform Release:		Tags:	Pulp 2
Target Release - Debian:		Sprint:	
OS:	RHEL 7	Quarter:	
Triaged:	No		

Description

Hi,

I've been trying to figure out the best way to work with the Pulp and Debian repositories and when I found the best way for me I did hit a roadblock.

If I create a repository with only one release the sync works fine, but when I create a repo with multiple releases I'm getting an error regarding the checksum mismatch.

How to reproduce:

1 - Create the repo

```
pulp-admin deb repo create --repo-id
xenial-amd64 --feed http://us.archive.ubuntu.com/ubuntu --releases xenial,xenial-updates,xenial-b
ackports,xenial-security --components main --architectures amd64 --remove-missing true --relative-
url ubuntu --serve-http true --serve-https true --validate false --require-signature false --publi
sh-default-release true
```

2 - Sync the repo

```
pulp-admin -v deb repo sync run --repo-id xenial-amd64
```

Then I'm getting this error:

```
pulp-admin -v deb repo sync run --repo-id xenial-amd64
+-----+
+           Synchronizing Repository [xenial-amd64]           +
+-----+
```

```
This command may be exited via ctrl+c without affecting the request.
```

Task Failed

```
Checksum did not match
```

And an exception is raised on the logs:

```
Nov 29 08:59:32 n5lpulp00001.nike.com pulp[91990
]: celery.worker.strategy:INFO: Received task: pulp.server.async.tasks._queue_reserved_task[f24b08
3b-d9fb-4861-8b0b-5a3474aa8924]
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[91756
]: celery.worker.strategy:INFO: Received task: pulp.server.managers.repo.sync.sync[2adfd3be-c02a-
47eb-8aee-92217f0441bc]
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92612
]: celery.app.trace:INFO: [f24b083b] Task pulp.server.async.tasks._queue_reserved_task[f24b083b-d9
fb-4861-8b0b-5a3474aa8924] succeeded in 0.0138911469985s: None
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[91756
]: celery.worker.strategy:INFO: Received task: pulp.server.async.tasks._release_resource[598a1745-
6b45-42d1-8d19-e0e0d74007e0]
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: py.warnings:WARNING: [2adfd3be] (92804-71200
) /usr/lib64/python2.7/site-packages/pymongo/topology.py:74: UserWarning
: MongoClient opened before fork. Create MongoClient with connect=False, or
create client after forking. See PyMongo'
s documentation for details: http://api.mongodb.org/python/current/faq.html#using-pymongo-with-mul
tiprocessing>
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: py.warnings:WARNING: [2adfd3be] (92804-71200
) "MongoClient opened before fork. Create MongoClient "
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: py.warnings:WARNING: [2adfd3be] (92804-71200)
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: pulp_deb.plugins.importers.importer:INFO: [2
adfd3be] Repo sync started.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: pulp_deb.plugins.importers.sync:INFO: [2
adfd3be] Downloading http://us.archive.ubuntu.com/ubuntu/dists/xenial/Release
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: pulp_deb.plugins.importers.sync:INFO: [2
adfd3be] Downloading http://us.archive.ubuntu.com/ubuntu/dists/xenial-updates/Release
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: pulp_deb.plugins.importers.sync:INFO: [2
adfd3be] Downloading http://us.archive.ubuntu.com/ubuntu/dists/xenial-backports/Release
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804]: pulp_deb.plugins.importers.sync:INFO: [2
adfd3be] Downloading http://us.archive.ubuntu.com/ubuntu/dists/xenial-security/Release
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (1
): us.archive.ubuntu.com
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (2
): us.archive.ubuntu.com
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (3
): us.archive.ubuntu.com
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (4
): us.archive.ubuntu.com
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (5
): us.archive.ubuntu.com
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial/Release.gpg.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-updates/Release.gpg.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-backports/Release.gpg.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-updates/Release.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-security/Release.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
```

```
/xenial-backports/Release.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-security/Release.gpg.
Nov 29 08:59:33 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial/Release.
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (1
): us.archive.ubuntu.com
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (2
): us.archive.ubuntu.com
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (3
): us.archive.ubuntu.com
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (3
): us.archive.ubuntu.com
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-backports/main/binary-amd64/Packages.xz.
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-security/main/binary-amd64/Packages.xz.
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial-updates/main/binary-amd64/Packages.xz.
Nov 29 08:59:34 n5lpulp00001.nike.com pulp[92804
]: nectar.downloaders.threaded:INFO: Download succeeded: http://us.archive.ubuntu.com/ubuntu/dists
/xenial/main/binary-amd64/Packages.xz.
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: pulp.server.async.tasks:INFO: [2
adfd3be] Task failed : [2adfd3be-c02a-47eb-8aee-92217f0441bc]
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) Task pulp.server.managers.repo.sync.sync[2adfd3be-c02a-47eb-8aee-92217
f0441bc] raised unexpected: Exception(u'Checksum did not match',)
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) Traceback (most recent call last):
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 367, in trace_task
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) R = retval = fun(*args, **kwargs)
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 529, in __call__
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) return super(Task, self).__call__(*args, **kwargs)
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 107, in __call__
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) return super(PulpTask, self).__call__(*args, **kwargs)
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 622, in __protected_call__
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) return self.run(*args, **kwargs)
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/server/controllers/repository.py", line 770, in
sync
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) sync_report = sync_repo(transfer_repo, conduit, call_config)
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 737, in wrap_f
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) return f(*args, **kwargs)
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp_deb/plugins/importers/importer.py", line 135, in
sync_repo
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
```

```

) report = self._current_sync.process_lifecycle()
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish_step.py", line 572, in
process_lifecycle
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) super(PluginStep, self).process_lifecycle()
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish_step.py", line 163, in
process_lifecycle
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) step.process()
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish_step.py", line 256, in
process
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) self._process_block()
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish_step.py", line 303, in
_process_block
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) self.process_main()
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/pulp_deb/plugins/importers/sync.py", line 272, in
process_main
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) if dlr.url in self.parent.packages_urls[release]])
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) File "/usr/lib/python2.7/site-packages/debpkgr/aptrepo.py", line 302, in
validate_component_arch_packages_downloads
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) raise Exception("Checksum did not match")
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:ERROR: [2adfd3be] (92804-71200
) Exception: Checksum did not match
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[92804]: celery.app.trace:INFO: [598
a1745] Task pulp.server.async.tasks._release_resource[598a1745-6b45-42d1-8
d19-e0e0d74007e0] succeeded in 0.00169369099604s: None
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[93432
]: pulp.server.db.connection:INFO: Attempting to connect to localhost:27017
Nov 29 08:59:35 n5lpulp00001.nike.com pulp[93432
]: pulp.server.db.connection:INFO: Attempting to connect to localhost:27017
Nov 29 08:59:36 n5lpulp00001.nike.com pulp[93432]: pulp.server.db.connection:INFO: Write concern
for Mongo connection: {}

```

My installation has this components and statuses:

```

python-pulp-oid_validation-2.18.1-2.el7.noarch
python-pulp-rpm-common-2.18.1-1.el7.noarch
pulp-server-2.18.1-2.el7.noarch
pulp-docker-plugins-3.2.2-1.el7.noarch
pulp-ostree-admin-extensions-1.4.0-1.el7.noarch
python-pulp-repoauth-2.18.1-2.el7.noarch
pulp-puppet-plugins-2.18.1-1.el7.noarch
python-pulp-client-lib-2.18.1-2.el7.noarch
pulp-python-admin-extensions-2.0.3-1.el7.noarch
python-pulp-puppet-common-2.18.1-1.el7.noarch
python-pulp-python-common-2.0.3-1.el7.noarch
pulp-deb-plugins-1.8.0-1.el7.noarch
python-pulp-bindings-2.18.1-2.el7.noarch
pulp-rpm-admin-extensions-2.18.1-1.el7.noarch
python-pulp-ostree-common-1.4.0-1.el7.noarch
python-pulp-docker-common-3.2.2-1.el7.noarch
pulp-python-plugins-2.0.3-1.el7.noarch
pulp-rpm-plugins-2.18.1-1.el7.noarch
pulp-puppet-tools-2.18.1-1.el7.noarch

```

```
pulp-admin-client-2.18.1-2.el7.noarch
pulp-docker-admin-extensions-3.2.2-1.el7.noarch
pulp-selinux-2.18.1-2.el7.noarch
pulp-ostree-plugins-1.4.0-1.el7.noarch
pulp-puppet-admin-extensions-2.18.1-1.el7.noarch
python-pulp-common-2.18.1-2.el7.noarch
python-pulp-deb-common-1.8.0-1.el7.noarch
pulp-deb-admin-extensions-1.8.0-1.el7.noarch
```

Status:

```
pulp-admin status
```

```
+-----+
|                                     |
|                               Status of the server                               |
|                                     |
+-----+
```

```
Api Version:          2
```

```
Database Connection:
```

```
  Connected: True
```

```
Known Workers:
```

```
_id:          scheduler@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:16Z
_id:          reserved_resource_worker-5@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-3@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-6@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-9@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-11@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-0@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-1@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-7@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-8@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          resource_manager@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-10@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-2@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-12@n5lpulp00001.nike.com
_ns:          workers
Last Heartbeat: 2019-11-29T09:06:15Z
_id:          reserved_resource_worker-13@n5lpulp00001.nike.com
_ns:          workers
```

```
Last Heartbeat: 2019-11-29T09:06:16Z
_id: reserved_resource_worker-14@n51pulp00001.nike.com
_ns: workers
Last Heartbeat: 2019-11-29T09:06:16Z
_id: reserved_resource_worker-15@n51pulp00001.nike.com
_ns: workers
Last Heartbeat: 2019-11-29T09:06:16Z
_id: reserved_resource_worker-4@n51pulp00001.nike.com
_ns: workers
Last Heartbeat: 2019-11-29T09:06:12Z
Messaging Connection:
  Connected: True
Versions:
  Platform Version: 2.18.1
```

Could you, please, let me know if this is a bug indeed or if I'm doing something wrong?

So far I was creating separated relative URL's for each release and syncing separately, but the repository was a mess, then I decided to try to reproduce the same structure used by the upstream repositories and create a structure more consolidated.

Regards,

Flamarion

History

#1 - 12/03/2019 04:35 PM - fao89

- *Project changed from Pulp to Debian Support*

#2 - 10/15/2020 10:18 AM - quba42

- *Status changed from NEW to CLOSED - WONTFIX*

I am not sure if this is still an issue in the latest Pulp 2 version of pulp_deb.

Either way, there won't be any more work on this kind of issue for Pulp 2. Pulp 2 is in maintenance mode and there is a simple work around for this issue (sync each release into a separate repo).

Please open a new issue, if you are having a similar problem in Pulp 3. (Though we have tests that ensure this should work for Pulp 3).