

## RPM Support - Issue #2252

### Repo sync with "epoch" related error message.

09/13/2016 05:11 PM - akegata@gmail.com

<b>Status:</b>	CLOSED - WONTFIX	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>Estimated time:</b>	0:00 hour
<b>Category:</b>		<b>Groomed:</b>	No
<b>Sprint/Milestone:</b>		<b>Sprint Candidate:</b>	No
<b>Severity:</b>	2. Medium	<b>Tags:</b>	Pulp 2
<b>Version:</b>	2.9.2	<b>Sprint:</b>	
<b>Platform Release:</b>		<b>Quarter:</b>	
<b>OS:</b>	RHEL 6		
<b>Triaged:</b>	Yes		
<b>Description</b>			
While syncing a repo I end up with a "Task Failed" status with a an error in the purge_duplicates step saying ""error": "epoch"".			
Here is the log from /var/log/messages:			
<pre>Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) 'epoch' Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) Traceback (mo st recent call last): Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   File "/usr/ lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/sync.py", line 249, in run Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   purge.rem ove_repo_duplicate_nevra(self.conduit.repo_id) Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   File "/usr/ lib64/python2.6/contextlib.py", line 34, in __exit__ Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   self.gen. throw(type, value, traceback) Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   File "/usr/ lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/sync.py", line 185, in update_state Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   yield ski p Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   File "/usr/ lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/sync.py", line 249, in run Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   purge.rem ove_repo_duplicate_nevra(self.conduit.repo_id) Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   File "/usr/ lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/purge.py", line 304, in remove_repo_dup licate_nevra Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   for unit_ ids in _duplicate_key_id_generator(unit_type): Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   File "/usr/ lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/purge.py", line 405, in _duplicate_key_ id_generator_aggregation Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   current_n evra = tuple(pkg[field] for field in fields) Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   File "/usr/ lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/purge.py", line 405, in &lt;genexpr&gt; Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752)   current_n evra = tuple(pkg[field] for field in fields) Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) KeyError: 'ep och' Sep 13 16:44:20 server pulp: pulp.server.event.http:INFO: (8641-46752) {"call_report": {"exception ": null, "task_type": "pulp.server.managers.repo.sync.sync", "_href": "/pulp/api/v2/tasks/22e25f0e -760b-464b-84e0-2b16be559124/", "task_id": "22e25f0e-760b-464b-84e0-2b16be559124", "tags": ["pulp: repository:OL6_Latest_x86_64", "pulp:action:sync"], "finish_time": null, "_ns": "task_status", "st art_time": "2016-09-13T13:50:54Z", "traceback": null, "spawned_tasks": [], "progress_report": {"yu</pre>			

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"rpm_total": 0, "rpm_done": 0, "drpm_total": 0, "drpm_done": 0}, "size_total": 0, "size_left": 0,
"items_left": 0}, "comps": {"state": "FINISHED"}, "purge_duplicates": {"state": "FAILED", "error":
"epoch"}, "distribution": {"items_total": 0, "state": "FINISHED", "error_details": [], "items_l
eft": 0}, "errata": {"state": "FINISHED"}, "metadata": {"state": "FINISHED"}}}, "state": "running"
, "worker_name": "reserved_resource_worker-5@server.domain", "result": null, "error": null, "_id":
{"$oid": "57d8043eb71f5981b8328c40"}, "id": "57d8043eb71f5981b8328c40", "event_type": "repo.sync
.finish", "payload": {"importer_id": "yum_importer", "exception": null, "repo_id": "OL6_Latest_x86
_64", "traceback": null, "started": "2016-09-13T13:50:54Z", "_ns": "repo_sync_results", "completed
": "2016-09-13T14:44:19Z", "importer_type_id": "yum_importer", "error_message": null, "summary": {
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ent": {"size_total": 0, "items_left": 0, "items_total": 0, "state": "FINISHED", "size_left": 0, "d
etails": {"rpm_total": 0, "rpm_done": 0, "drpm_total": 0, "drpm_done": 0}, "error_details": [], "
comps": {"state": "FINISHED"}, "purge_duplicates": {"state": "FAILED", "error": "epoch"}, "
Sep 13 16:44:20 server pulp: pulp.server.event.http:INFO: (8641-46752) distribution: {"items_tota
l": 0, "state": "FINISHED", "error_details": [], "items_left": 0}, "errata": {"state": "FINISHED"}
, "metadata": {"state": "FINISHED"}, "id": "57d810c335705821c140843f", "removed_count": 0}}
:
Sep 13 16:27:05 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:27:05 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:27:05 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:27:06 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:28:40 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:28:40 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:28:41 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:28:41 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:30:37 server pulp: pulp_rpm.plugins.importers.yum.sync:INFO: Downloading 0 RPMs.
Sep 13 16:37:05 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:37:05 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/6
/EPEL/x86_64_2012_10_12/repodata/repomd.xml
Sep 13 16:39:04 server pulp: pulp_rpm.plugins.importers.yum.repomd.alternate:INFO: The content con
tainer reported: {'downloads': {}, 'total_sources': 0} for base URL: http://public-yum.oracle.com/
repo/OracleLinux/OL6/latest/x86_64/
Sep 13 16:39:04 server pulp: pulp_rpm.plugins.importers.yum.sync:INFO: Downloading additional unit
s.
Sep 13 16:39:04 server pulp: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP conn
ection (1): public-yum.oracle.com
Sep 13 16:39:05 server pulp: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP conn
ection (1): public-yum.oracle.com
Sep 13 16:40:03 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/7
/Supplementary/x86_64/.treeinfo
Sep 13 16:40:04 server pulp: django.request:WARNING: Not Found: /var/www/pub/yum/http/repos/RHEL/7
/Supplementary/x86_64/treeinfo
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) 'epoch'
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) Traceback (mo
st recent call last):
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) File "/usr/
lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/sync.py", line 249, in run
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) purge.rem
ove_repo_duplicate_nevra(self.conduit.repo_id)
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) File "/usr/
lib64/python2.6/contextlib.py", line 34, in __exit__
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) self.gen.
throw(type, value, traceback)
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) File "/usr/
lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/sync.py", line 185, in update_state

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Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) yield skip
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/sync.py", line 249, in run
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) purge.remove_repo_duplicate_nevra(self.conduit.repo_id)
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/purge.py", line 304, in remove_repo_duplicate_nevra
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) for unit_ids in _duplicate_key_id_generator(unit_type):
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/purge.py", line 405, in _duplicate_key_id_generator_aggregation
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) current_nevra = tuple(pkg[field] for field in fields)
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) File "/usr/lib/python2.6/site-packages/pulp_rpm/plugins/importers/yum/purge.py", line 405, in <genexpr>
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) current_nevra = tuple(pkg[field] for field in fields)
Sep 13 16:44:19 server pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: (8641-46752) KeyError: 'epoch'
Sep 13 16:44:20 server pulp: pulp.server.event.http:INFO: (8641-46752) {"call_report": {"exception": null, "task_type": "pulp.server.managers.repo.sync.sync", "_href": "/pulp/api/v2/tasks/22e25f0e-760b-464b-84e0-2b16be559124/", "task_id": "22e25f0e-760b-464b-84e0-2b16be559124", "tags": ["pulp:repository:OL6_Latest_x86_64", "pulp:action:sync"], "finish_time": null, "_ns": "task_status", "start_time": "2016-09-13T13:50:54Z", "traceback": null, "spawned_tasks": [], "progress_report": {"yum_importer": {"content": {"items_total": 0, "state": "FINISHED", "error_details": [], "details": {"rpm_total": 0, "rpm_done": 0, "drpm_total": 0, "drpm_done": 0}, "size_total": 0, "size_left": 0, "items_left": 0, "comps": {"state": "FINISHED"}, "purge_duplicates": {"state": "FAILED", "error": "'epoch'"}, "distribution": {"items_total": 0, "state": "FINISHED", "error_details": [], "items_left": 0}, "errata": {"state": "FINISHED"}, "metadata": {"state": "FINISHED"}}, "state": "running", "worker_name": "reserved_resource_worker-5@server.domain", "result": null, "error": null, "_id": {"$oid": "57d8043eb71f5981b8328c40"}, "id": "57d8043eb71f5981b8328c40", "event_type": "repo.sync.finish", "payload": {"importer_id": "yum_importer", "exception": null, "repo_id": "OL6_Latest_x86_64", "traceback": null, "started": "2016-09-13T13:50:54Z", "_ns": "repo_sync_results", "completed": "2016-09-13T14:44:19Z", "importer_type_id": "yum_importer", "error_message": null, "summary": {"content": {"state": "FINISHED"}, "comps": {"state": "FINISHED"}, "purge_duplicates": {"state": "FAILED"}, "distribution": {"state": "FINISHED"}, "errata": {"state": "FINISHED"}, "metadata": {"state": "FINISHED"}}, "added_count": 0, "result": "failed", "updated_count": 39234, "details": {"content": {"size_total": 0, "items_left": 0, "items_total": 0, "state": "FINISHED", "size_left": 0, "details": {"rpm_total": 0, "rpm_done": 0, "drpm_total": 0, "drpm_done": 0}, "error_details": []}, "comps": {"state": "FINISHED"}, "purge_duplicates": {"state": "FAILED", "error": "'epoch'"}, "distribution": {"items_total": 0, "state": "FINISHED", "error_details": [], "items_left": 0}, "errata": {"state": "FINISHED"}, "metadata": {"state": "FINISHED"}}, "id": "57d810c335705821c140843f", "removed_count": 0}}
Sep 13 16:44:20 server pulp: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (1): foreman.domain
:

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## History

### #1 - 09/15/2016 06:13 PM - bmbouter

- Description updated

### #2 - 09/15/2016 06:33 PM - bmbouter

If I'm reading this right, it tells me that your database has some documents in rpm, srpm, or drpm collections which do not have an 'epoch' entry.

In looking at the expected model definition[0] and it shows the units\_rpm, units\_srpm, and units\_drpm collections each require an epoch. It would appear that your database lacks this field on one or more documents in one or more of these collections. One thing you could do would be to find and unassociate these packages from all repos known to pulp and then orphan cleanup so pulp purges them from the db. I recommend this path forward.

Another option would be to find each offending documenting in mongoddb directly and add an epoch of 0.

[0]: [https://github.com/pulp/pulp\\_rpm/blob/master/plugins/pulp\\_rpm/plugins/db/models.py](https://github.com/pulp/pulp_rpm/blob/master/plugins/pulp_rpm/plugins/db/models.py)

**#3 - 09/22/2016 10:53 PM - akegata@gmail.com**

I ended up taking the course of action we discussed on IRC: I removed the repo having issues as well as another repo I knew shared at least some of the packages. After this I did a cleanup of all orphans and then recreated the repo again. This worked, I can now sync the (newly created) repo.

**#4 - 09/23/2016 05:45 PM - pcreech**

- Status changed from *NEW* to *CLOSED* - *WONTFIX*

**#5 - 09/23/2016 05:50 PM - pcreech**

- Triaged changed from *No* to *Yes*

**#6 - 04/15/2019 10:24 PM - bmbouter**

- Tags *Pulp 2* added