

RPM Support - Issue #3120

Race condition on saving a distribution unit during "smart proxy" sync

11/07/2017 11:34 AM - ttereshc

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	High	Due date:	
Assignee:	ttereshc	Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	2. Medium	Tags:	Pulp 2
Version:		Sprint:	Sprint 28
Platform Release:	2.14.3	Quarter:	
OS:			
Triaged:	Yes		
Description			
<pre>Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) Tried to save duplicate unique keys (insertDocument :: caused by :: 11000 E11000 duplicate ke y error index: pulp_database.units_distribution.\$distribution_id_1_family_1_variant_1_version_1_ar ch_1 dup key: { : "ks-Repo-Server-1.1.1-x86_64", : "Repo", : "Server", : "1.1.1", : "x86_64" }) Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) Traceback (most recent call last): Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) File "/usr/lib/python2.7/site-packages/pulp_rpm/plugins/importers/yum/sync.py", line 277, i n run Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) dist_sync.run() Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) File "/usr/lib/python2.7/site-packages/pulp_rpm/plugins/importers/yum/parse/treeinfo.py", l ine 128, in run Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) self._run(tmp_dir) Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) File "/usr/lib/python2.7/site-packages/pulp_rpm/plugins/importers/yum/parse/treeinfo.py", l ine 186, in _run Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) unit.save() Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) File "/usr/lib/python2.7/site-packages/mongoengine/document.py", line 390, in save Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) raise NotUniqueError(message %% unicode(err)) Nov 6 14:36:30 test-machine pulp: pulp_rpm.plugins.importers.yum.sync:ERROR: [aa7bf120] (11567-79 808) NotUniqueError: Tried to save duplicate unique keys (insertDocument :: caused by :: 11000 E11 000 duplicate key error index: pulp_database.units_distribution.\$distribution_id_1_family_1_varian t_1_version_1_arch_1 dup key: { : "ks-Repo-Server-1.1.1-x86_64", : "Repo", : "Server", : "1.1.1", : "x86_64" })</pre>			
Race condition happens here when multiple copies of the same repo are synced in parallel (for Katello case - multiple CVs of the repo are synced to "smart proxy")			

Associated revisions

Revision [caa1b46f](#) - 11/07/2017 04:24 PM - ttereshc

Eliminate race condition during sync of a distribution unit

closes #3120 <https://pulp.plan.io/issues/3120>

History

#1 - 11/07/2017 11:44 AM - ttereshc

- Status changed from NEW to ASSIGNED
- Assignee set to ttereshc

#2 - 11/07/2017 04:28 PM - ttereshc

- Status changed from ASSIGNED to POST
- Priority changed from Normal to High

https://github.com/pulp/pulp_rpm/pull/1071

#3 - 11/07/2017 04:46 PM - dalley

- Sprint/Milestone set to 47
- Triaged changed from No to Yes

#4 - 11/07/2017 05:11 PM - ttereshc

- Status changed from POST to MODIFIED

Applied in changeset [caa1b46f3808e11f4e51048bf55aafae398e2c42](#).

#5 - 11/14/2017 02:59 AM - pcreech

- Platform Release set to 2.14.3

#6 - 11/17/2017 02:15 PM - pcreech

- Status changed from MODIFIED to 5

#7 - 03/09/2018 12:26 AM - bmbouter

- Sprint set to Sprint 28

#8 - 03/09/2018 12:27 AM - bmbouter

- Sprint/Milestone deleted (47)

#9 - 03/12/2019 06:45 PM - dkliban@redhat.com

- Status changed from 5 to CLOSED - CURRENTRELEASE

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

- Tags Pulp 2 added