

RPM Support - Issue #1173

Content Applicability Regeneration for individual consumers is sent to a single worker

08/11/2015 03:32 PM - dkliban@redhat.com

Status:	CLOSED - WONTFIX	Start date:	
Priority:	Normal	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 15
Platform Release:		Quarter:	
OS:			
Triaged:	Yes		
Description			
<p>The same tags are used when calculating applicability for a single consumer [0] as for all consumers bound to a specific repo [1]. As a result when multiple consumers are registered within a short amount of time, the tasks to generate content applicability profiles for these consumers are sent to a single worker and the tasks are executed serially.</p> <p>[0] https://github.com/pulp/pulp/blob/2.6-dev/server/pulp/server/webservices/controllers/consumers.py#L642</p> <p>[1] https://github.com/pulp/pulp/blob/86b154a74e7fac73ecd54021cf2730b522db0588/server/pulp/server/webservices/views/repositories.py#L983</p>			

History

#1 - 08/21/2015 04:52 PM - bcourt

- Triaged changed from No to Yes

Eliminate the lock for individual consumer applicability calculation as part of this.

#4 - 12/12/2016 05:41 AM - mhrivnak

We'll need to be careful to ensure that multiple calculations can run safely in parallel. Maybe since we are already batching the calculation and farming it out for parallel execution, the problem is already solved? Is there anything different about doing this for a single consumer?

#5 - 12/12/2016 03:40 PM - ipanova@redhat.com

- Sprint/Milestone set to 31

#6 - 01/16/2017 03:05 PM - mhrivnak

- Sprint/Milestone changed from 31 to 32

#7 - 01/17/2017 06:26 PM - ttereshc

- Status changed from NEW to ASSIGNED

- Assignee set to ttereshc

#8 - 01/26/2017 04:23 PM - ttereshc

- Status changed from ASSIGNED to NEW

- Assignee deleted (ttereshc)

Unassigning since I am not working on that, solving other more high priority BZs.
Just in case someone would like to work on that.

#9 - 02/06/2017 02:52 PM - mhrivnak

- *Sprint/Milestone changed from 32 to 33*

#10 - 02/08/2017 10:45 AM - ttereshc

- *Status changed from NEW to ASSIGNED*

- *Assignee set to ttereshc*

#11 - 02/09/2017 01:31 AM - ttereshc

I think applicability calculation for individual consumers is sent to the single worker only in case [the task for multiple consumers](#) is triggered. If one will use [the task for single consumer](#) the resource will be reserved for the particular consumer only so calculation for other consumers can be done by other workers.

#12 - 02/10/2017 11:36 PM - ttereshc

- *Status changed from ASSIGNED to CLOSED - WONTFIX*

I suggest to use [the API call for a single consumer](#) when there is a need to calculate applicability for just one consumer (this is suitable for Katello use cases). Such tasks for different consumers will be sent to multiple workers. So this issue will be solved by using this API call. Only when one triggers [the applicability calculation for consumerS](#) then such tasks will be sent to one worker only.

Please re-open this issue if you disagree and think that resource reservation for [consumerS call](#) should be removed.

#14 - 03/08/2018 11:13 PM - bmbouter

- *Sprint set to Sprint 15*

#15 - 03/08/2018 11:41 PM - bmbouter

- *Sprint/Milestone deleted (33)*

#16 - 04/15/2019 10:44 PM - bmbouter

- *Tags Pulp 2 added*