Pulp - Story #6282

As a user, I can see parent/child relationships when a task dispathes one or more other tasks

03/04/2020 05:38 PM - bmbouter

Status:	CLOSED - CURRENTRELEASE		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	dalley		**% Done:**	100%
Category:			**Estimated time:**	0:00 hour
Sprint/Milestone:	3.3.0			
Platform Release:			**Tags:**	
Groomed:	Yes		**Sprint:**	Sprint 69
Sprint Candidate:	Yes		**Quarter:**	

Description

A use case for pulp_ansible came up recently whereby tasks need to dispatch subtasks. It would be useful for them to see and filter on parent_task and child_tasks fields in the Task model.

Deliverables

1. parent_task and child_task fields added to the [Task model[(https://github.com/pulp/pulpcore/blob/b94abcea602712c7610595078a3d26a2029725e1/pulpcore/app/models/task.py#L310).
2. Having these viewable on the TaskSerializer
3. Having them filterable on TaskFilter
4. Have the enqueue_with_reservation method automatically set the 'parent/child' relationship.

Background

We used to have this, so we need to bring it back and add tests for it with this work. Here are some PRs to reference:

- This was what we had setting 'parent' but it's incomplete https://github.com/pulp/pulpcore/pull/569
- When we removed it from the serializers before: https://github.com/pulp/pulpcore/commit/3e3ea72ac2bf0abab82a642a987122660cabc124#diff-012d87c176cc670b2ae1f9b498f8b930

Related issues:

Related to Pulp - Test #6431: Test task child/parent tracking	**NEW**

Associated revisions

Revision 0d146db0 - 03/30/2020 10:29 PM - dalley

Allow tasks to spawn other tasks

And record their relationships in the database.

closes: #6282 https://pulp.plan.io/issues/6282

History

#1 - 03/04/2020 10:43 PM - daviddavis

Shouldn't it be child_tasks instead of child_task? I was imagining a parent could have multiple children.

#2 - 03/04/2020 11:01 PM - bmbouter

- Description updated

daviddavis wrote:

> Shouldn't it be child_tasks instead of child_task? I was imagining a parent could have multiple children.

+1 child_tasks. I just updated it.

#3 - 03/05/2020 12:34 AM - daviddavis

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

#4 - 03/20/2020 02:54 PM - rchan

- Sprint set to Sprint 69

#5 - 03/30/2020 06:04 PM - dalley

- Status changed from NEW to ASSIGNED

- Assignee set to dalley

#6 - 03/30/2020 06:50 PM - dalley

- Status changed from ASSIGNED to POST

https://github.com/pulp/pulpcore/pull/617

#7 - 03/30/2020 06:55 PM - pulpbot

PR: https://github.com/pulp/pulpcore/pull/617

#8 - 03/31/2020 01:44 AM - dalley

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset pulpcore|0d146db0d48019a4a14884cd5e681aa7624f79df.

#9 - 04/01/2020 05:28 PM - dalley

- Related to Test #6431: Test task child/parent tracking added

#10 - 04/15/2020 09:55 PM - ttereshc

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE

- Sprint/Milestone set to 3.3.0