Pulp - Story #6414

As a user, I can keep track of a group of tasks

03/30/2020 09:54 PM - dkliban@redhat.com

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:	No	**Sprint:**	Sprint 69
Sprint Candidate:	No	**Quarter:**	

Description

User experience

A task that dispatches some number of tasks returns a list of created resources that includes at least one TaskGroup href.

The user can then perform a GET on the TaskGroup and receive a data structure that looks like this:

```
{
    "pulp_created": "2019-07-23T08:18:12.927007Z",
    "pulp_href": "/pulp/api/v3/task-groups/59f8a786-c7d7-4e2b-ad07-701479d403c5/",
    "description": "foo group of tasks",
    "waiting": 0,
    "skipped": 0,
    "running": 0,
    "completed": 1,
    "failed": 1,
    "canceled": 0
}
```

Users that want detailed information on all of the tasks in the task group can do so via the /task/ api.

```
http GET :24817/pulp/api/v3/tasks/?task_group=/pulp/api/v3/task-groups/59f8a786-c7d7-4e2b-ad07-701479d403c5/

http GET :24817/pulp/api/v3/tasks/?task_group=/pulp/api/v3/task-groups/59f8a786-c7d7-4e2b-ad07-701479d403c5/&state=failed
```

Implementation

TaskGroup model, viewset, and serializer need to be created.

Task model needs to have an optional 'task_group' foreign key added.

The enque_with_reservation[0] method needs to accept an optional 'task_group' keyword argument. When the 'task_group' is specified it is saved as a ForeignKey on the Task model that is created for tracking that task.

[0] https://github.com/pulp/pulpcore/blob/master/pulpcore/tasking/tasks.py#L148

Related issues:

Related to Pulp - Test #6430: Test "task groups"	**NEW**

Associated revisions

Revision ccc4d43c - 04/01/2020 03:39 PM - dalley

As a user, I have Task Groups

closes: #6414 https://pulp.plan.io/issues/6414

History

#1 - 03/30/2020 10:05 PM - dkliban@redhat.com

- Description updated

#2 - 03/30/2020 10:07 PM - dkliban@redhat.com

- Description updated

#3 - 03/31/2020 12:36 AM - dalley

- Status changed from NEW to ASSIGNED

- Assignee set to dalley

#4 - 03/31/2020 12:36 AM - dkliban@redhat.com

- Sprint set to Sprint 69

#5 - 03/31/2020 05:49 PM - dalley

- Description updated

#6 - 03/31/2020 05:49 PM - dalley

- Description updated

#7 - 03/31/2020 10:06 PM - pulpbot

- Status changed from ASSIGNED to POST

PR: https://github.com/pulp/pulpcore/pull/621

#8 - 04/01/2020 04:47 PM - dalley

- Related to Test #6430: Test "task groups" added

#9 - 04/01/2020 05:23 PM - dalley

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset pulpcore|ccc4d43cfc4d1622bd57a6ebecc666b9f03b7484.

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

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE

- Sprint/Milestone set to 3.3.0

#11 - 04/28/2020 02:46 AM - pulpbot

PR: https://github.com/pulp/pulpcore/pull/677