

Pulp - Task #6624

Document how Pulp handles the ServerDisconnectedError and why

04/30/2020 06:11 PM - ttereshc

Status:	NEW	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:		Tags:	Documentation, Katello
Platform Release:		Sprint:	
Groomed:	No	Quarter:	
Sprint Candidate:	Yes		

Description

A new FAQ page

Create a new FAQ page and have this be the first FAQ. This should be a top-level page on the left-side of the navigation.

Behavior to document

At open floor today we touched on how Pulp 3 does not have retry logic in these cases:

- the server hanging up the TCP connection
- network errors which cause TCP hangups
- http errors other than [429, 502, 503, 504]

Reasoning why

Two issues would occur if Pulp had a broad retry behavior such as in the cases above:

1. If the server says stop by hanging up Pulp should stop. Similarly if the network delivers TCP segments so slowly TCP times out.
2. If pulp did continue an actual network error would become a very slow failure, tons of retries for each content unit slowly failing one by one over hours

What can users who want retry do?

Users can restart their sync tasks. Pulp saves all the content it did receive on the timed-out sync, so the next time it syncs it doesn't need to redownload what it already got. Therefore when users do retry they effectively resume whenever the network and server is ready for that.

Related issues:

Related to RPM Support - Issue #6589: Issues syncing large Redhat repos

CLOSED - NOTABUG

History

#1 - 04/30/2020 06:11 PM - ttereshc

- Related to Issue #6589: Issues syncing large Redhat repos added

#2 - 05/01/2020 03:43 PM - rchan

- Sprint Candidate changed from No to Yes

#3 - 05/12/2020 10:39 PM - bmbouter

- Description updated

#4 - 05/12/2020 10:42 PM - bmbouter

- Description updated

#5 - 05/15/2020 03:47 PM - rchan

- Sprint set to Sprint 73

#6 - 05/29/2020 02:26 PM - rchan

- Sprint changed from Sprint 73 to Sprint 74

#7 - 06/11/2020 10:27 PM - rchan

- Sprint changed from Sprint 74 to Sprint 75

#8 - 06/26/2020 06:04 PM - rchan

- Sprint changed from Sprint 75 to Sprint 76

#9 - 07/10/2020 08:31 PM - rchan

- Sprint changed from Sprint 76 to Sprint 77

#10 - 07/28/2020 12:05 AM - rchan

- Sprint changed from Sprint 77 to Sprint 78

#11 - 08/07/2020 03:37 PM - daviddavis

- Tags Katello added

#12 - 08/07/2020 03:38 PM - daviddavis

Removing per sprint planning

#13 - 08/07/2020 04:37 PM - rchan

- Sprint deleted (Sprint 78)