Katello - Bug #34671

UI suddenly shows "Connection refused - connect(2) for 10.74.xxx.yyy:443 (Errno::ECONNREFUSED) Plus 6 more errors" for a capsule even if there are no connectivity issue present in Satellite\Capsule 7.0

03/23/2022 08:04 PM - Justin Sherrill

Status: Ready For Testing
Priority: Normal
Assignee: Justin Sherrill
Category: Foreman Proxy Content
Target version:
Difficulty: Fixed in Releases:
Triaged: No
Bugzilla link: 2053928
Pull request: https://github.com/Katello/katello/pull/100

Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=2053928

Description of problem:
Overall everything was going fine but suddenly after a failed capsule sync, I found that even if the communication status of the capsule is green and active, a weird Error message pops up in the Infrastructure --> Capsules page for the capsule where I am trying to refresh the features.

Error
Connection refused - connect(2) for 10.74.xxx.yyy:443 (Errno::ECONNREFUSED) Plus 6 more errors
10.74.xxx.yyy is capsule IP.

How reproducible:
Always (after the failed capsule sync)

Steps to Reproduce: [ Not the exact steps but I am documenting the sequence of events that led to this discovery ]

- Install Satellite + Capsule 7.0
- Associate Library environment to Capsule server, for content syncing.
- Enable and sync one or two repos in satellite and let the auto-sync of capsule server completed as well.
- Go to Satellite UI --> Infrastructure --> Capsules --> <Click open Capsule> , Manually iniiate a complete/optimized sync for capsule and then again hit the action "Cancel Sync".
- Once the sync task is canceled, click on the "Refresh Features" button of the capsule.

Actual results:
Communication status: Active (Green)
Clicked on "Refresh Features" and then some messages appears on the Top Right corner
In green:
Success
No changes were found when refreshing features from capsule.example.com.

In Red:
Error
Connection refused - connect(2) for 10.74.xxx.yyy:443 (Errno::ECONNREFUSED) Plus 6 more errors

But the Communication status is still Active (Green) and from satellite, I surely can connect to port 443 of capsule via openssl or curl or nc command.

The hammer command shows, the following tasks.

1. hammer task list --search "label ~ Capsule and result != success"

<table>
<thead>
<tr>
<th>ID</th>
<th>ACTION</th>
<th>STATE</th>
<th>RESULT</th>
<th>STARTED AT</th>
<th>ENDED AT</th>
<th>DURATION</th>
<th>OWNER</th>
<th>TASK ERRORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>d9dea867-e945-4dde-9e92-822bb8809c12</td>
<td>Synchronize capsule 'capsule.example.com'</td>
<td>stopped</td>
<td>warning</td>
<td>2022/02/13 07:39:01</td>
<td>2022/02/13 08:22:06</td>
<td>00:43:04.813</td>
<td>admin</td>
<td>Pulp task error, Pulp task error, Could not lookup a publication_href for rep...</td>
</tr>
<tr>
<td>708f46c6-bf6d-4e5e-9306-d83dfb777616</td>
<td>Synchronize capsule 'capsule.example.com'</td>
<td>stopped</td>
<td>warning</td>
<td>2022/02/13 07:29:16</td>
<td>2022/02/13 08:22:16.181</td>
<td>00:22:16.721</td>
<td>admin</td>
<td>Connection refused - connect(2) for 10.74.195.193:443 (Errno::ECONNREFUSED)</td>
</tr>
<tr>
<td>388f349e-1a75-47cd-9800-318462f5ebb4</td>
<td>Sync Content View on Capsule(s)</td>
<td>stopped</td>
<td>warning</td>
<td>2022/02/13 07:29:16</td>
<td>2022/02/13 08:22:16.599</td>
<td>00:22:16.813</td>
<td>admin</td>
<td>Pulp task error, Pulp task error, Could not lookup a publication_href for rep...</td>
</tr>
<tr>
<td>8e2e1498-dddd-4b5d-9154-95a9225d581e</td>
<td>Synchronize capsule 'capsule.example.com'</td>
<td>stopped</td>
<td>warning</td>
<td>2022/02/13 07:29:16</td>
<td>2022/02/13 08:22:16.721</td>
<td>00:22:16.933</td>
<td>admin</td>
<td>Connection refused - connect(2) for 10.74.195.193:443 (Errno::ECONNREFUSED)</td>
</tr>
<tr>
<td>de63799f-fa46-4f77-8588-ae85b80f04a2</td>
<td>Sync Content View on Capsule(s)</td>
<td>stopped</td>
<td>warning</td>
<td>2022/02/13 07:29:16</td>
<td>2022/02/13 08:22:17.064</td>
<td>00:22:17.285</td>
<td>admin</td>
<td>A sub task failed</td>
</tr>
</tbody>
</table>

At this stage even if i visit this page Satellite UI --> Infrastructure --> Capsules --> <Click open Capsule> , the error pops up.

And now I clear up those tasks:

1. foreman-rake foreman_tasks:cleanup TASK_SEARCH='label ~ Capsule and result != success' STATES='stopped' VERBOSE=true

About to remove 5 tasks matching filter
0/5
5/5

Deleted 5 tasks matching filter
No orphaned task locks found, skipping.
About to remove 3 orphaned task links
0/3
3/3

Deleted 3 orphaned task links
No orphaned execution plans found, skipping.
No orphaned job invocations found, skipping.

And the issue is no longer present

Expected results:

Show such errors only when actually a communication issue is present but not by referring to the status of the last failed capsule synced task (which may have experienced some connection issue at that point).

Additional info:

NA

History
#1 - 03/23/2022 08:09 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/Katello/katello/pull/10030 added