Arvados - Bug #15486

[crunchstat-summary] error fetching container log collection for v1.4+

07/18/2019 02:30 PM - Tom Morris

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assigned To:</td>
<td>Tom Morris</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>2019-08-14 Sprint</td>
</tr>
<tr>
<td>Start date:</td>
<td>08/13/2019</td>
</tr>
<tr>
<td>Due date:</td>
<td></td>
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<tr>
<td>% Done:</td>
<td>100%</td>
</tr>
<tr>
<td>Estimated time:</td>
<td>0.00 hour</td>
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</table>

Description
When attempting to analyze Arvados v1.4 container requests, crunchstat-summary attempts to load the collection specified by the log PDH in the Container record, but that collection never exists because it is deleted immediately. Also there is no longer a “log” field for the container_request record.

For Arvados v1.4 and up, crunchstat-summary needs to be modified so that:

- for Containers, it first looks up the associated Container Request and uses the log from there
- for Container Requests, remove the current logic which looks up the associated Container log and instead load the CR log by UUID from `log_uuid` (there is no “log” field)

Subtasks:
- Task # 15513: Review 15486-crunchstat-summary-v1.4-support
  - Resolved

Related issues:
- Blocks Arvados - Story #14952: [crunchstat-summary] Add arv-mount FUSE ops time
  - New

Associated revisions

Revision 69d3ccc6 - 07/25/2019 09:07 PM - Tom Morris
- Fix so it works with Arvados v1.4+
- refs #15486
  
Arvados v1.4 changed things so that container logs are no longer accessible via PDH so we need to go to the container request and access the log via UUID from there.

Arvados-DCO-1.1-Signed-off-by: Tom Morris <tfmorris@veritasgenetics.com>

Revision deb7ae71 - 07/25/2019 09:10 PM - Tom Morris
- 15486: Fix crunchstat-summary to work with Arvados v1.4+
- refs #15486
  
Arvados v1.4 changed things so that container logs are no longer accessible via PDH so we need to go to the container request and access the log via UUID from there.

Arvados-DCO-1.1-Signed-off-by: Tom Morris <tfmorris@veritasgenetics.com>

Revision d2393e33 - 08/13/2019 04:34 PM - Tom Morris
- 15486: Fix crunchstat-summary to work with Arvados v1.4+
- refs #15486
  
Arvados v1.4 changed things so that container logs are no longer accessible via PDH so we need to go to the container request and access the log via UUID from there.

Arvados-DCO-1.1-Signed-off-by: Tom Morris <tfmorris@veritasgenetics.com>

Revision 30f8e85a - 08/13/2019 07:34 PM - Tom Morris
- Add missing test file

03/12/2020
Sanity check that we have a container request for this container
Should never be empty, but just in case ... 

Add more missing test files

15486: Fix crunchstat-summary to work with Arvados v1.4+
refs #15486

Arvados v1.4 changed things so that container logs are no longer accessible via PDH so we need to go to the container request and access the log via UUID from there.

Merge branch '15486-crunchstat-summary-v1.4-support'
Fixes #15486

I need to add some v1.4+ tests, but the code on branch 15486-crunchstat-summary-v1.4-support should be usable for those who need an immediate workaround.

- Target version changed from 2019-07-31 Sprint to 2019-08-14 Sprint

- Blocks Story #14952: [crunchstat-summary] Add arv-mount FUSE ops time added

Looking at d2393e33ce53554ebd271244b988d92fdd6293a.
Might want to check if len(items) > 0 in the following:

```
process = arv.container_requests().list(filters=[['container_uuid','=','uuid']],limit=1).execute()['items'][0]
```

Also please do a developer run on jenkins once you're done. Thanks!
Both issues fixed at dce9a9c4800a79d357fd6a8400b81c9b7404dbd5


Merged at 86b7903116608ac3a8314437639cb61d774fb510

Release set to 26