

Arvados - Bug #14828

[crunch-dispatch-cloud] Fix flaky test

02/11/2019 08:39 PM - Tom Clegg

Status:	Resolved	Start date:	02/14/2019
Priority:	Normal	Due date:	
Assigned To:	Tom Clegg	% Done:	100%
Category:	Tests	Estimated time:	0.00 hour
Target version:	2019-02-27 Sprint		
Description			
https://ci.curoverse.com/job/developer-run-tests-remainder/1089/consoleFull			
IntegrationSuite.TestGetLockUnlockCancel			
<pre>13:32:33 queue_test.go:78: 13:32:33 c.Check(err, check.IsNil) 13:32:33 ... value *arvados.TransactionError = &arvados.TransactionError{Method:"POST", URL:url.UR L{Scheme:"https", Opaque:"", User:(*url.UserInfo)(nil), Host:"0.0.0.0:37007", Path:"/arvados/v1/co ntainers/zzzzz-dz642-queuedcontainer/lock", RawPath:"", ForceQuery:false, RawQuery:"", Fragment:"" }, StatusCode:422, Status:"422 Unprocessable Entity", Errors:[]string{"#<ArvadosModel::LockFailedE rror: cannot lock when Cancelled>"} ("request failed: https://0.0.0.0:37007/arvados/v1/containers /zzzzz-dz642-queuedcontainer/lock: 422 Unprocessable Entity: #<ArvadosModel::LockFailedError: cann ot lock when Cancelled>")</pre>			
Subtasks:			
Task # 14839: Review 14828-fix-flaky-test			Resolved

Associated revisions

Revision 43e8b141 - 02/14/2019 04:31 PM - Tom Clegg

Merge branch '14828-fix-flaky-test'

fixes #14828

Arvados-DCO-1.1-Signed-off-by: Tom Clegg <tclegg@veritasgenetics.com>

History

#1 - 02/11/2019 08:43 PM - Tom Clegg

Looks like IntegrationSuite.TestCancelIfNoInstanceType returns while it still has a PUT /arvados/v1/containers/zzzzz-dz642-queuedcontainer request in progress. If the PUT request runs after the /database/reset request, its side effect (cancelling the container) leaks into IntegrationSuite.TestGetLockUnlockCancel and causes the failure.

#2 - 02/11/2019 09:11 PM - Tom Clegg

The problem is that an unsatisfiable container with state=Queued gets cancelled twice.

```
Update → addEnt → func1 → Lock → apiUpdate → addEnt → func1 → Cancel
→ Cancel
```

The test exits after the first cancel succeeds, allowing the second cancel to happen later.

#3 - 02/13/2019 04:04 PM - Tom Clegg

- Target version changed from 2019-02-13 Sprint to 2019-02-27 Sprint

#4 - 02/14/2019 01:52 AM - Tom Clegg

14828-fix-flaky-test @ [d3e1ff27ec14bcb8a7037cc72f54a6816efe5916https://ci.curoverse.com/view/Developer/job/developer-run-tests/1067/](https://ci.curoverse.com/view/Developer/job/developer-run-tests/1067/)

([#14845](#) caused build 1067 to fail)

#5 - 02/14/2019 04:24 PM - Lucas Di Pentima

LGTM, please merge. Thanks!

#6 - 02/14/2019 05:33 PM - Tom Clegg

- Status changed from *In Progress* to *Resolved*

- % Done changed from 0 to 100

Applied in changeset [arvados|43e8b1419491290d4df65b2ea9121910b7c766cd](#).

#7 - 03/01/2019 07:33 PM - Tom Morris

- Release set to 15