

Arvados - Bug #15953

lib/dispatchcloud/container IntegrationSuite.TestGetLockUnlockCancel is flaky

12/31/2019 03:13 PM - Peter Amstutz

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assigned To:	Tom Clegg	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2020-01-02 Sprint		
Description			

Associated revisions

Revision 2544aab0 - 12/31/2019 03:18 PM - Tom Clegg

Fix variable unintentionally shared by multiple goroutines in test.

fixes #15953

Arvados-DCO-1.1-Signed-off-by: Tom Clegg <tom@tomclegg.ca>

History

#1 - 12/31/2019 03:15 PM - Tom Clegg

- Assigned To set to Tom Clegg

- Status changed from New to In Progress

[run-tests-remainder: #3300](#) [icon?job=run-tests-remainder&build=3300/console](#)

```
===== test lib/dispatchcloud/container
time="2019-12-30T18:45:15Z" level=warning msg="cancel container with no suitable instance type" ContainerUUID=
zzzzz-dz642-queuedcontainer error="no suitable instance type"
time="2019-12-30T18:45:15Z" level=warning msg="cancel container with no suitable instance type" ContainerUUID=
zzzzz-dz642-queuedcontainer error="no suitable instance type"
time="2019-12-30T18:45:16Z" level=warning msg="lock failed" ContainerUUID=zzzzz-dz642-queuedcontainer error="r
equest failed: https://0.0.0.0:49831/arvados/v1/containers/zzzzz-dz642-queuedcontainer/lock: 422 Unprocessable
Entity: #<ArvadosModel::LockFailedError: cannot lock when Locked> (req-ibdldy83xhmx1hbvxmbz)"
time="2019-12-30T18:45:16Z" level=warning msg="cancel container with no suitable instance type" ContainerUUID=
zzzzz-dz642-queuedcontainer error="no suitable instance type"
time="2019-12-30T18:45:16Z" level=warning msg="cancel container with no suitable instance type" ContainerUUID=
zzzzz-dz642-queuedcontainer error="no suitable instance type"
time="2019-12-30T18:45:17Z" level=info msg="adding container to queue" ContainerUUID=zzzzz-dz642-queuedcontain
er InstanceType=testType Priority=1 State=Queued
```

```
-----
FAIL: queue_test.go:42: IntegrationSuite.TestGetLockUnlockCancel
```

```
queue_test.go:77:
  c.Check(err, check.ErrorMatches, ".*cannot unlock when Queued.*")
... error string = "request failed: https://0.0.0.0:49831/arvados/v1/containers/zzzzz-dz642-queuedcontainer/un
lock: 422 Unprocessable Entity: #<ArvadosModel::InvalidStateTransitionError: cannot unlock when Cancelled> (re
q-sx50xpgjnl91kl93edi)"
... regex string = ".*cannot unlock when Queued.*"
```

```
queue_test.go:80:
  c.Check(err, check.IsNil)
... value *arvados.TransactionError = &arvados.TransactionError{Method:"POST", URL:url.URL{Scheme:"https", Opa
que:"", User:(*url.UserInfo)(nil), Host:"0.0.0.0:49831", Path:"/arvados/v1/containers/zzzzz-dz642-queuedcontai
ner/lock", RawPath:"", ForceQuery:false, RawQuery:"", Fragment:""}, StatusCode:422, Status:"422 Unprocessable
Entity", Errors:[]string{"#<ArvadosModel::LockFailedError: cannot lock when Cancelled> (req-xgy3oiceq18qom6mcj
il)"} ("request failed: https://0.0.0.0:49831/arvados/v1/containers/zzzzz-dz642-queuedcontainer/lock: 422 Unp
rocessable Entity: #<ArvadosModel::LockFailedError: cannot lock when Cancelled> (req-xgy3oiceq18qom6mcjil)")
```

```
queue_test.go:83:
  c.Check(ctr.State, check.Equals, arvados.ContainerStateLocked)
... obtained arvados.ContainerState = "Queued"
```

```
... expected arvados.ContainerState = "Locked"
```

```
queue_test.go:88:
```

```
  c.Check(err, check.IsNil)
```

```
... value *arvados.TransactionError = &arvados.TransactionError{Method:"POST", URL:url.URL{Scheme:"https", Opa  
que:"", User:(*url.Userinfo)(nil), Host:"0.0.0.0:49831", Path:"/arvados/v1/containers/zzzzz-dz642-queuedcontai  
ner/unlock", RawPath:"", ForceQuery:false, RawQuery:"", Fragment:""}, StatusCode:422, Status:"422 Unprocessabl  
e Entity", Errors:[]string{"#<ArvadosModel::InvalidStateTransitionError: cannot unlock when Cancelled> (req-pf  
5bgi3cj8nwlrmkuyjg)"} ("request failed: https://0.0.0.0:49831/arvados/v1/containers/zzzzz-dz642-queuedcontai  
ner/unlock: 422 Unprocessable Entity: #<ArvadosModel::InvalidStateTransitionError: cannot unlock when Cancelled  
> (req-pf5bgi3cj8nwlrmkuyjg)")
```

```
OOPS: 1 passed, 1 FAILED
```

```
--- FAIL: Test (3.12s)
```

```
FAIL
```

```
coverage: 65.3% of statements
```

```
FAIL    git.arvados.org/arvados.git/lib/dispatchcloud/container  3.121s
```

```
FAIL
```

```
=====  
===== lib/dispatchcloud/container tests -- FAILED
```

```
===== test lib/dispatchcloud/container -- 5s
```

#2 - 12/31/2019 04:43 PM - Anonymous

- % Done changed from 0 to 100

- Status changed from In Progress to Resolved

Applied in changeset [arvados|2544aab0e538dac2c5456307173abf35f1611e6d](#).

#3 - 12/31/2019 05:48 PM - Peter Amstutz

- Target version changed from 2020-01-15 Sprint to 2020-01-02 Sprint

#4 - 01/22/2020 02:12 PM - Peter Amstutz

- Release set to 22