

Arvados - Bug #17398

[crunch-dispatch-local] [crunch-run] error starting gateway server: missing port in address

02/17/2021 02:04 PM - Javier Bértoli

Status:	Resolved	Start date:	02/18/2021
Priority:	Normal	Due date:	
Assigned To:	Tom Clegg	% Done:	100%
Category:	Crunch	Estimated time:	0.00 hour
Target version:	2021-03-03 sprint		

Description

Trying to update and test the new configuration changes for Arvados with the salt-installer, I run the deploy using the latest dev packages (2.2.0~dev20210215190825-1).

With them, I cannot successfully run a single-node deploy. The "tools/salt-install/tests/run-test.sh" script fails to run the workflow with the following error:

```
cwl-runner --debug hasher-workflow.cwl hasher-workflow-job.yml
INFO /usr/bin/cwl-runner 2.2.0.dev20210205202546, arvados-python-client 2.2.0.dev20210205202546, c
wlttool 3.0.20201121085451
INFO Resolved 'hasher-workflow.cwl' to 'file:///root/cluster_tests/hasher-workflow.cwl'
INFO hasher-workflow.cwl:36:7: Unknown hint WorkReuse
INFO hasher-workflow.cwl:50:7: Unknown hint WorkReuse
INFO hasher-workflow.cwl:64:7: Unknown hint WorkReuse
INFO Using cluster harpo (https://workbench2.harpo.local:8443/)
INFO Upload local files: "test.txt"
DEBUG {'harpo-bi614-a31be630d4e27ba0': OrderedDict([('href', '/keep_services/harpo-bi614-a31be630d
4e27ba0'), ('kind', 'arvados#keepService'), ('etag', '5hqxk0vrj54wia5k0ucch6o4'), ('uuid', 'harpo
-bi614-a31be630d4e27ba0'), ('owner_uuid', 'harpo-tpzed-0000000000000000'), ('created_at', '2021-02-17T13:27:59.426575000Z'), ('modified_by_client_uuid', None), ('modifie
d_by_user_uuid', 'harpo-tpzed-0000000000000000'), ('modified_at', '2021-02-17T13:27:59.426575000Z'), ('service_host', 'keep.harpo.local'), ('ser
vice_port', 8443), ('service_ssl_flag', True), ('service_type', 'proxy'), ('read_only', False), ('
_service_root', 'https://keep.harpo.local:8443/'))]}
DEBUG 7f2cee57647f15dd443e35537b202981+104: ['https://keep.harpo.local:8443/']
DEBUG Pool max threads is 1
DEBUG Request: PUT https://keep.harpo.local:8443/7f2cee57647f15dd443e35537b202981
INFO PUT 200: 104 bytes in 53.35521697998047 msec (0.002 MiB/sec)
DEBUG KeepWriterThread <KeepWriterThread(Thread-1, started daemon 140587978630912)> succeeded 7f2c
ee57647f15dd443e35537b202981+104 https://keep.harpo.local:8443/
INFO Using collection f55e750025853f5b8ccae3ca79240f65+54 (harpo-4zz18-16kmq8rt8ccu8um)
INFO Using collection cache size 256 MiB
DEBUG ENTER jobiter 1613568972.0955696
DEBUG EXIT jobiter 1613568972.096748 0.0011785030364990234
DEBUG ENTER run 1613568972.0968366
DEBUG EXIT run 1613568972.096923 8.654594421386719e-05
DEBUG ENTER jobiter 1613568972.0969877
DEBUG EXIT jobiter 1613568972.0970328 4.506111145019531e-05
INFO [container hasher-workflow.cwl] submitted container_request harpo-xvhdp-39twsq16ok3kw3
INFO Monitor workflow progress at https://workbench2.harpo.local:8443/processes/harpo-xvhdp-39tws
q16ok3kw3
INFO [container hasher-workflow.cwl] harpo-xvhdp-39twsq16ok3kw3 is Final
ERROR [container hasher-workflow.cwl] (harpo-dz642-bb0isvfn2x3h6an) error log:
  ** log is empty **
ERROR Overall process status is permanentFail
INFO Final output collection None
INFO Output at https://workbench2.harpo.local:8443/collections/None
{}
WARNING Final process status is permanentFail
```

Checking Arvados' component logs, I find this error in crunch-dispatch-local:

```
Feb 17 13:36:14 harpo crunch-dispatch-local[1812]: {"level":"info","msg":"finalized container
```

`harpo-dz642-9zdr6wxubfj2k56", "time": "2021-02-17T13:36:14.446343132Z"}`

Feb 17 13:36:14 harpo crunch-dispatch-local[1812]: 2021/02/17 13:36:14 error starting gateway server: missing port in address

Same setup works OK with the stable version (2.1.1)

Extra information that might help:

If I understand correctly, it runs OK when [trying a multi-host deploy in the cloud](#) (using arvados-dispatch-cloud and the compiled crunch-run binary).

Seems to be related to <https://dev.arvados.org/issues/17170>

Subtasks:

Task # 17405: Review 17398-no-ctr-gateway

Resolved

Related issues:

Related to Arvados - Feature #17170: Shell into container proof of concept

Resolved

01/14/2021

Blocks Arvados - Story #17246: Single node salt install improvements

Resolved

03/31/2021

Associated revisions

Revision 752ab2f0 - 02/18/2021 08:13 PM - Tom Clegg

Merge branch '17398-no-ctr-gateway'

refs #17398

Arvados-DCO-1.1-Signed-off-by: Tom Clegg <tom@curii.com>

History

#1 - 02/17/2021 02:06 PM - Nico César

- Related to Feature #17170: Shell into container proof of concept added

#2 - 02/17/2021 03:38 PM - Javier Bértoli

- Blocks Story #17246: Single node salt install improvements added

#3 - 02/17/2021 03:39 PM - Javier Bértoli

- Blocks Support #17320: Explain what additional configuration is needed for provision.sh to go to production added

#4 - 02/17/2021 03:39 PM - Javier Bértoli

- Blocks deleted (Support #17320: Explain what additional configuration is needed for provision.sh to go to production)

#5 - 02/18/2021 04:12 PM - Tom Clegg

- Target version changed from To Be Groomed to 2021-03-03 sprint

- Assigned To set to Tom Clegg

- Status changed from New to In Progress

- Subject changed from [crunch-dispatch-local] error running a workflow to [crunch-dispatch-local] [crunch-run] error starting gateway server: missing port in address

#6 - 02/18/2021 04:46 PM - Tom Clegg

17398-no-ctr-gateway @ [3193023d7335f793d5cc015aa185f7a450e650f7](https://ci.arvados.org/view/Developer/job/developer-run-tests/2333/) -- <https://ci.arvados.org/view/Developer/job/developer-run-tests/2333/>

#7 - 02/18/2021 07:53 PM - Lucas Di Pentima

The fix is super trivial, LGTM. I wonder why we didn't catch this with a test, aren't we doing tests with crunch-dispatch-local (or even crunch-dispatch-slurm)? Maybe if integration tests are too cumbersome to make, we can make the Gateway start failure a non-critical error?

#8 - 02/18/2021 08:13 PM - Tom Clegg

A crunch-run integration test pretty much requires a fully functioning cluster. I'd really like to have a loopback driver for a-d-c so we can get rid of crunch-dispatch-local, and (assuming docker is available) run a container in lib/controller integration tests with federation features and everything.

(Other than this bug) I don't see a reason why we wouldn't be able to start the gateway service so I'm not keen to turn it into a "best effort" thing.

Merging & leaving open, both points seem to deserve some more thought.

#9 - 03/03/2021 06:10 PM - Peter Amstutz

- Target version changed from 2021-03-03 sprint to 2021-03-17 sprint

#10 - 03/03/2021 06:12 PM - Peter Amstutz

- Target version changed from 2021-03-17 sprint to 2021-03-03 sprint

- Status changed from In Progress to Resolved

#11 - 05/13/2021 03:09 PM - Peter Amstutz

- Release set to 38