

Arvados - Feature #17657

[container shell] support SSH port forwarding

05/10/2021 02:23 PM - Tom Clegg

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|--|--|
| Status: Resolved | Start date: 05/10/2021 |
| Priority: Normal | Due date: |
| Assigned To: Tom Clegg | % Done: 100% |
| Category: | Estimated time: 0.00 hour |
| Target version: 2021-05-12 sprint | |
| Description If a running container has a service listening on TCP port 80, a user with permission to get an interactive shell with "arvados-client shell" should also be able to forward traffic to it: <pre>arvados-client shell \$containerUUID -L12345:localhost:80 -N</pre> | |
| Subtasks: Task # 17658: Review 17657-ssh-port-forward Resolved | |
| Related issues: | |
| Related to Arvados Epics - Story #17207: External access to web services runn... | New 12/01/2022 03/31/2023 |
| Related to Arvados - Feature #17668: [Documentation] Container shell access | Resolved 05/14/2021 |

Associated revisions

Revision 12b7a5c3 - 05/10/2021 07:48 PM - Tom Clegg

Merge branch '17657-ssh-port-forward'

refs #17657

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

History

#1 - 05/10/2021 02:23 PM - Tom Clegg

- Related to Story #17207: External access to web services running in containers added

#2 - 05/10/2021 05:44 PM - Tom Clegg

- Target version set to 2021-05-12 sprint

- Assigned To set to Tom Clegg

- Status changed from New to In Progress

#3 - 05/10/2021 05:45 PM - Tom Clegg

17657-ssh-port-forward @ [97227aa7827c0dfe471fd617e333f1228c5381ae](#) -- [developer-run-tests: #2465](#)
[icon?job=developer-run-tests&build=2465](#)

#4 - 05/10/2021 07:30 PM - Ward Vandewege

Tom Clegg wrote:

17657-ssh-port-forward @ [97227aa7827c0dfe471fd617e333f1228c5381ae](#) -- [developer-run-tests: #2465](#)
[icon?job=developer-run-tests&build=2465](#)

The code seems good, if docker specific. It works, I tested it! I have no comments.

I think we need to document the ShellAccess feature. I know we don't have doc yet for arvados-client, but I think this feature should be documented separately.

We should add a note about firewalling to the configuration reference, at a minimum. And something in the user guide on how to use the feature (under "debugging containers", perhaps).

It would be nice to have a page in the architecture section, under "Computation with crunch" that describes how the feature works (the interaction between a-d-c and controller and crunch-run), why it is secure, and how to use it.

#5 - 05/12/2021 03:46 PM - Tom Clegg

- Related to Feature #17668: [Documentation] Container shell access added

#6 - 05/12/2021 03:47 PM - Tom Clegg

- Status changed from In Progress to Resolved

#7 - 05/13/2021 03:13 PM - Peter Amstutz

- Release set to 38