

Arvados - Feature #15370

[arvados-dispatch-cloud] loopback driver

06/14/2019 09:02 PM - Tom Clegg

| | | | |
|--|--------|------------------------|-----------|
| Status: | New | Start date: | |
| Priority: | Normal | Due date: | |
| Assigned To: | | % Done: | 0% |
| Category: | Crunch | Estimated time: | 0.00 hour |
| Target version: | | | |
| Description | | | |
| The loopback driver implements cloud.Driver by presenting a fake cloud in which | | | |
| <ul style="list-style-type: none">• Instances() returns a single instance named "localhost"• Create() fails• Destroy() fails• Instance address points to an SSH server (brought up by the driver) that accepts the dispatcher's key and executes shell commands | | | |
| Using the loopback driver will involve some special configuration. | | | |
| <ul style="list-style-type: none">• InstanceTypes should be configured with a single instance type, with the host's RAM/CPU specs | | | |
| When combined with #14922 this should make crunch-dispatch-local redundant. | | | |
| This will also facilitate an arvados-dispatch-cloud integration test that uses the real crunch-run program instead of a stub. This might involve a few other changes, like a configurable location for lockfiles. | | | |
| It's okay that this will be useless until #14922 is implemented, because it will also make #14922 easier to test. | | | |
| Related issues: | | | |
| Related to Arvados - Feature #14922: [crunch-dispatch-cloud] Run multiple con... | | New | |
| Related to Arvados - Story #13908: [Epic] Replace SLURM for cloud job schedul... | | Resolved | |

History

#1 - 06/14/2019 09:02 PM - Tom Clegg

- Related to Feature #14922: [crunch-dispatch-cloud] Run multiple containers concurrently on a single VM added

#2 - 06/14/2019 09:02 PM - Tom Clegg

- Related to Story #13908: [Epic] Replace SLURM for cloud job scheduling/dispatching added

#3 - 03/16/2021 05:31 PM - Peter Amstutz

- Target version changed from To Be Groomed to 2021-03-31 sprint

#4 - 03/17/2021 04:07 PM - Peter Amstutz

- Target version changed from 2021-03-31 sprint to 2021-04-14 sprint

#5 - 03/30/2021 05:33 PM - Peter Amstutz

- Description updated

#6 - 03/31/2021 03:42 PM - Peter Amstutz

- Target version changed from 2021-04-14 sprint to 2021-05-26 sprint

#7 - 05/13/2021 01:50 PM - Peter Amstutz

- Target version changed from 2021-05-26 sprint to 2021-07-07 sprint

#8 - 06/22/2021 05:25 PM - Peter Amstutz

- Target version changed from 2021-07-07 sprint to 2021-07-21 sprint

#9 - 07/06/2021 09:30 PM - Peter Amstutz

- Target version changed from 2021-07-21 sprint to 2021-08-04 sprint

#10 - 07/20/2021 05:22 PM - Peter Amstutz

- Target version changed from 2021-08-04 sprint to 2021-08-18 sprint

#11 - 08/03/2021 03:07 PM - Peter Amstutz

- Target version changed from 2021-08-18 sprint to 2021-09-01 sprint

#12 - 08/10/2021 05:36 PM - Peter Amstutz

- Target version deleted (2021-09-01 sprint)