

Arvados - Bug #15516

arvados-api-server and arvados-workbench packages dependent on arvados-server

08/01/2019 07:04 PM - Peter Amstutz

Status:	Resolved	Start date:	08/13/2019
Priority:	Normal	Due date:	
Assigned To:	Ward Vandewege	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2019-08-14 Sprint		
Description			
arvados-api-server and arvados-workbench both have a hard dependency on arvados-server, which they use to read the new arvados config file. When installing or upgrading, arvados-server must be installed or upgraded before arvados-api-server post-install or service startup scripts are run. Base on the pattern of breakage on the dev clusters, this doesn't seem to be happening.			
Subtasks:			
Task # 15534: review			Resolved

Associated revisions

Revision 4031e38a - 08/13/2019 04:53 PM - Ward Vandewege

Merge branch '15516-fix-arvados-server-dependencies'

closes #15516

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <wvandewege@veritasgenetics.com>

History

#1 - 08/09/2019 07:26 PM - Ward Vandewege

- Project changed from OPS to Arvados
- Status changed from New to In Progress
- Assigned To set to Ward Vandewege

Ready for review @ [2522f92cc25e55e57a31af7a59ebdbb066743445](#) on branch 15516-fix-arvados-server-dependencies

#2 - 08/09/2019 07:27 PM - Ward Vandewege

- Target version set to 2019-08-14 Sprint

#3 - 08/10/2019 01:45 PM - Ward Vandewege

Removed unnecessary --force-test call in build/run-build-test-packages-one-target.sh, pushed updated [d823e6afbd6a2287469da909f95976da79692e72](#)

#4 - 08/12/2019 05:44 PM - Nico César

currently running <https://ci.curoverse.com/job/build-packages-ubuntu1604/1357/console>

#5 - 08/12/2019 05:55 PM - Nico César

I see:
00:10:31.428 Error: /tmp/tmp.MuRDh1DKom/bin/arvados-client=/usr/bin/arvados-client: Unable to figure out package name from fpm results:
00:10:31.428
00:10:31.429 {:timestamp=>"2019-08-12T17:54:53.807627+0000", :message=>"Invalid package configuration: Cannot package the path '/tmp/tmp.MuRDh1DKom/bin/arvados-client', does it exist?":, :level=>:error}

#6 - 08/12/2019 08:39 PM - Ward Vandewege

Nico César wrote:

I see:
00:10:31.428 Error: /tmp/tmp.MuRDh1DKom/bin/arvados-client=/usr/bin/arvados-client: Unable to figure out package name from fpm results:
00:10:31.428
00:10:31.429 {:timestamp=>"2019-08-12T17:54:53.807627+0000", :message=>"Invalid package configuration: Cannot package the path

```
 '/tmp/tmp.MuRDh1DKom/bin/arvados-client', does it exist?", :level=>:error}
```

That was caused by a genuine bug in the new code. The govendor call in `calculate_go_package_version()` generates STDOUT when it is downloading data (but not when it doesn't have to do anything), and that output was returned with the result of `calculate_go_package_version()`. Meh, bash, yuck, functions returning data via stdout...

I've switched `calculate_go_package_version()` to take a variable name as part of its command line, and then set that variable to the output from the function. This uses a bash 4.3+ feature called namerefs. This way, any stdout generated in `calculate_go_package_version()` won't corrupt the value it returns anymore, which avoids future problems of this type. I've given the `get_complete_package_name()` function the same treatment.

Fix pushed in [366a2efdd0ac4630f4381f3b47d70ef155ed2df4](#)

#7 - 08/13/2019 04:30 PM - Ward Vandewege

I pushed another bugfix in [2774e45aba64557259fc35155c62988449a8dc72](#) and ran a successful test on jenkins (but I removed `--upload` and replaced it with `--debug` before doing so, and then reverted that): <https://ci.curoverse.com/job/build-packages-ubuntu1604/1360/console>

#8 - 08/13/2019 04:42 PM - Ward Vandewege

use of nameref documented in [26c7b3c97876a05ec7427bc2e5270108dcf00b17](#)

#9 - 08/13/2019 04:44 PM - Nico César

LGTM, we should merge and watch closely a merge. I will also check the expected output with `dpkg` on subsequent packages.

#10 - 08/13/2019 04:54 PM - Ward Vandewege

- *Status changed from In Progress to Resolved*

#11 - 01/21/2020 09:24 PM - Peter Amstutz

- *Release set to 22*