

Arvados - Bug #17177

[salt][provision] when using SnakeOil certs, Arvados needs a CA or some components won't work correctly

12/02/2020 02:21 PM - Javier Bértoli

Status:	Resolved	Start date:	12/04/2020
Priority:	Normal	Due date:	
Assigned To:	Javier Bértoli	% Done:	100%
Category:	Deployment	Estimated time:	0.00 hour
Target version:	2020-12-16 Sprint		
Description			
As discussed in gitter , the provision installer needs to create a CA which can then be installed by the user, or Arvados' won't work correctly: self-signed certificates are silently discarded by some libraries.			
Subtasks:			
Task # 17193: review 17177-use-newly-created-ca			Resolved

Associated revisions

Revision 057cf02d - 12/04/2020 12:19 PM - Javier Bértoli

fix(provision): Add a CA and sign certificates with it

refs #17177

As discussed [here](<https://forum.arvados.org/t/debugging-arvados-deployed-with-salt/58/8>) and [here](<https://gitter.im/arvados/community?at=5fc65683496ca3372e3474a3>), Arvados needs certs signed by a known CA to work correctly.

This PR adds a CA and leaves a copy of the certificate in the installer directory.

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 7b009edf - 12/04/2020 12:19 PM - Javier Bértoli

fix(provision): Document CA certificate purpose and installation

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision e58d099d - 12/04/2020 04:22 PM - Javier Bértoli

fix(provision): pin formulas' versions

- Pin formulas versions, to prevent changes upstream breaking the installer
- Remove verbose/debug flags
- Remove unused entries in the config pillars

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 05010666 - 12/07/2020 12:20 PM - Javier Bértoli

fix(provision): add port to workbench2 nginx's stanza

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision ebd40412 - 12/07/2020 02:22 PM - Javier Bértoli

fix(provision): pin arvados-formula

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision a4345503 - 12/07/2020 03:46 PM - Javier Bértoli

fix(provision): update arvados-formula's version

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 8fa0ae7e - 12/07/2020 04:34 PM - Javier Bértoli

Merge branch '17177-use-newly-created-ca'

closes #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 7f84cbbc - 12/10/2020 08:27 PM - Javier Bértoli

fix(provision): Add a CA and sign certificates with it

refs #17177

As discussed [here](<https://forum.arvados.org/t/debugging-arvados-deployed-with-salt/58/8>) and [here](<https://github.com/arvados/community?at=5fc65683496ca3372e3474a3>), Arvados needs certs signed by a known CA to work correctly.

This PR adds a CA and leaves a copy of the certificate in the installer directory.

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 7e4e9c15 - 12/10/2020 08:27 PM - Javier Bértoli

fix(provision): Document CA certificate purpose and installation

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 799bde4e - 12/10/2020 08:27 PM - Javier Bértoli

fix(provision): pin formulas' versions

- Pin formulas versions, to prevent changes upstream breaking the installer
- Remove verbose/debug flags
- Remove unused entries in the config pillars

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 08dcbff1 - 12/10/2020 08:27 PM - Javier Bértoli

fix(provision): add port to workbench2 nginx's stanza

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision d0301d9d - 12/10/2020 08:27 PM - Javier Bértoli

fix(provision): pin arvados-formula

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

Revision 7919e888 - 12/10/2020 08:27 PM - Javier Bértoli

fix(provision): update arvados-formula's version

refs #17177

Arvados-DCO-1.1-Signed-off-by: Javier Bértoli <jbertoli@curii.com>

History

#1 - 12/02/2020 04:34 PM - Peter Amstutz

- Target version changed from 2020-12-02 Sprint to 2020-12-16 Sprint

#2 - 12/04/2020 12:45 PM - Javier Bértoli

- % Done changed from 0 to 100

Submitted an [arvados-formula's PR](#) and updated the provision.sh script and docs (commit 7b009edfb, branch 17177-use-newly-created-ca). Added a curl test to verify the cert is valid.

#3 - 12/04/2020 03:36 PM - Lucas Di Pentima

- On the sls files, there're commented letsencrypt.conf snippets entries, I think we could get rid of them if they aren't used (following our own code style standards of not keeping commented out code).
- Got some error when trying to start it with vagrant (as a new instance)

```
...
arvados: Rendering SLS 'base:docker.software.package.repo.install' failed: Jinja variable 'null' is un
defined
arvados: Removing .psql file
arvados: + '[' xyes = xyes ']'
arvados: + echo 'Removing .psql file'
arvados: + rm /root/.psqlrc
arvados: Copying the Arvados CA certificate to the installer dir, so you can import it
arvados: + '[' x = xyes ']'
arvados: + echo 'Copying the Arvados CA certificate to the installer dir, so you can import it'
arvados: + '[' xyes = xyes ']'
arvados: + cp /etc/ssl/certs/arvados-snakeoil-ca.pem /vagrant
arvados: cp:
arvados: cannot stat '/etc/ssl/certs/arvados-snakeoil-ca.pem'
arvados: : No such file or directory
arvados: Adding the vagrant user to the docker group
arvados: + echo 'Adding the vagrant user to the docker group'
arvados: + usermod -a -G docker vagrant
arvados: usermod: group 'docker' does not exist
arvados: + '[' xyes = xyes ']'
arvados: + cd /tmp/cluster_tests
arvados: + ./run-test.sh
arvados: The Arvados CA was not correctly installed. Although some components will work,
arvados: others won't. Please verify that the CA cert file was installed correctly and
arvados: retry running these tests.
```

The SSH command responded with a non-zero exit status. Vagrant assumes that this means the command failed. The output for this command should be in the log above. Please read the output to determine what went wrong.

#4 - 12/07/2020 03:07 PM - Javier Bértoli

Added a few more commits, commit ebd40412f@arvados, branch 17177-use-newly-created-ca

Tested locally and both the WB2-UI and CLI work.

#5 - 12/07/2020 04:31 PM - Lucas Di Pentima

[a434550](#) LGTM, thanks!

#6 - 12/07/2020 05:03 PM - Javier Bértoli

- Status changed from In Progress to Resolved

Applied in changeset [arvados|8fa0ae7ef4f9e8b9642cf0cf8c8eb5998daa9d21](#).

#7 - 05/13/2021 03:06 PM - Peter Amstutz

- Release set to 38