

Arvados - Feature #17742

[deployment][provision] allow to provide custom SSL certificates

05/28/2021 06:42 PM - Javier Bértoli

Status:	In Progress	Start date:	10/13/2021
Priority:	Normal	Due date:	
Assigned To:	Javier Bértoli	% Done:	0%
Category:	Deployment	Estimated time:	0.00 hour
Target version:	2021-10-27 sprint		
Description			
The current provision script allow to get LE certificates but does not manage custom certificates.			
The user should be able to add custom certificates and keys in a directory, they should be copied where appropriate and the nginx pillars modified to match this.			
Subtasks:			
Task # 17873: Review commit:15a2556dc (branch 17742-provide-custom-certs)			In Progress

History

#1 - 06/09/2021 03:45 PM - Peter Amstutz

- Target version changed from 2021-06-09 sprint to 2021-06-23 sprint

#2 - 06/17/2021 07:02 PM - Javier Bértoli

- Description updated

#3 - 06/23/2021 03:34 PM - Peter Amstutz

- Target version changed from 2021-06-23 sprint to 2021-07-07 sprint

#4 - 07/07/2021 03:30 PM - Peter Amstutz

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

#5 - 07/21/2021 03:11 PM - Peter Amstutz

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

#6 - 08/04/2021 03:29 PM - Peter Amstutz

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

#7 - 08/18/2021 03:02 PM - Peter Amstutz

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

#8 - 09/01/2021 03:15 PM - Peter Amstutz

- Target version changed from 2021-09-01 sprint to 2021-09-15 sprint

#9 - 09/15/2021 03:02 PM - Peter Amstutz

- Target version changed from 2021-09-15 sprint to 2021-09-29 sprint

#10 - 09/28/2021 07:16 PM - Peter Amstutz

- Release set to 42

#11 - 09/29/2021 03:09 PM - Peter Amstutz

- Target version changed from 2021-09-29 sprint to 2021-10-13 sprint

#12 - 10/08/2021 10:19 AM - Javier Bértoli

- File `salida_cluster_test_insecure_true` added

- File `salida_cluster_test_insecure_false` added

I'm experiencing some errors when running the final cluster_tests (attached)

#13 - 10/08/2021 10:33 AM - Javier Bértoli

- File `arvados_config.yml` added

#14 - 10/13/2021 01:15 PM - Javier Bértoli

Found the root cause of the error described above (a malformed `crunch-dispatch-local-credentials` file, fixed in `arvados-formula:commit:ba3827`)

Refactored the provisioning script and configuration files:

- pillars: SSL certs and keys are included now on each pillar, and not as a snippet, so we can iterate over them in the provision script
- split `keepweb` `nginx`'s configuration in its two parts (download and collections) for the same reason.
- added a new state (`custom_certs`) which copies the certs from a dir where the user uploads them.
- refactored the `snakeoil_certs` in `/single_host/multiple_hostnames` to generate individual certs that can be "uploaded" by `custom_certs`, so we can test it.
- added a `--development` parameter to the `provision.sh` script, to include the `snakeoil` certs when testing.
- added documentation.

[15a2556dc](#) (branch `17742-provide-custom-certs`)

#15 - 10/13/2021 03:49 PM - Peter Amstutz

- Target version changed from `2021-10-13 sprint` to `2021-10-27 sprint`

#16 - 10/15/2021 09:01 PM - Ward Vandewege

Reviewing [f54cc984969657be50c093b917feb49a19d78c22](#)

In `doc/install/salt-multi-host.html.textile.liquid`

```
+The <i>multi_host</i> include LetsEncrypt salt code to automatically request and install the certificates for the public-facing hosts (API/controller, Workbench, Keepproxy/Keepweb) using AWS' Route53.
```

There seems to be a word missing before "include".

```
+The script expects cert/key files with these basenames (matching the role except for <i>keepweb</i>, which is split in both <i>download / collections</i>):
```

Typo: "download".

`doc/install/salt-single-host.html.textile.liquid`

Does this method not include Let's Encrypt salt code? It doesn't seem mentioned in that file.

```
+The script expects cert/key files with these basenames (matching the role except for <i>keepweb</i>, which is split in both <i>download / collections</i>):
```

Typo: "download"

In `tools/salt-install/config_examples/single_host/multiple_hostnames/pillars/arvados.sls`

```
    # required to test with arvados-snakeoil certs
-    insecure: true
+    insecure: false
```

Since you're changing it, is that comment still relevant? If so what does "test" mean? Automated tests? A user trying out Arvados? Something else? Is this what you mean: "When using `arvados-snakeoil` certs set `insecure: true`" ?

In `tools/salt-install/provision.sh`

```
+      grep -q ${R} ${P_DIR}/extra_custom_certs.sls || echo " - ${R}" >> ${P_DIR}/extra_custom_certs.sls
+
+      # As the pillar differ whether we use LE or custom certs, we need to do a final edition on them
+      # Special case for keepweb
```

That empty line has trailing whitespace...

I haven't tried it yet.

Is the plan to test the custom cert functionality with the automated test-deploy jobs on Jenkins?

Files

salida_cluster_test_insecure_false	12.8 KB	10/08/2021	Javier Bértoli
salida_cluster_test_insecure_true	12.8 KB	10/08/2021	Javier Bértoli
arvados_config.yml	3.24 KB	10/08/2021	Javier Bértoli