

openQA Project - action #43712

coordination # 80142 (Blocked): [saga][epic] Scale out: Redundant/load-balancing deployments of openQA, easy containers, containers on kubernetes

coordination # 43706 (Blocked): [epic] Generate "download&use" docker image of openQA for SUSE QA

Update upstream dockerfiles to provide an easy to use docker image of openQA-webui

2018-11-13 10:14 - SLindoMansilla

Status:	Resolved	Start date:	2018-11-13
Priority:	Low	Due date:	
Assignee:	ilausuch	% Done:	0%
Category:	Feature requests	Estimated time:	0.00 hour
Target version:	Ready		
Difficulty:			

Description

User Story

As a QA developer I want to download and run an image via Docker. Basic uses of openQA work out of the box without further configuration. More advanced options are documented for those who need it.

Acceptance criteria

- DONE **AC1:** The upstream dockerfile can be used to generate a docker image of the webui in <https://build.opensuse.org/package/show/devel:openQA/openQA>
- DONE **AC2:** Proper documentation of the use of that docker image is available upstream: <https://github.com/os-autoinst/openQA/tree/master/docker>

Suggestions

- OBS support for docker <https://openbuildservice.org/help/manuals/obs-user-guide/cha.obs.building.html#id-1.5.8.3.8>

Related issues:

Related to openQA Project - action #69355: [spike] redundant/load-balancing w...	Resolved	2020-07-25
Related to openQA Project - action #73447: POC: Create openQA Web Application...	Resolved	2020-10-16
Related to openQA Project - action #77320: why does this show leap 15.1? http...	Resolved	2020-11-10
Blocks openQA Project - action #43715: Update upstream dockerfiles to provide...	Resolved	2018-11-13

History

#1 - 2018-11-20 20:14 - okurz

- Target version set to Milestone 24

#2 - 2019-03-04 14:54 - okurz

- Subject changed from [functional][u] Update upstream dockerfiles to provide an easy to use docker image of openQA-webui to Update upstream dockerfiles to provide an easy to use docker image of openQA-webui

- Category set to Feature requests

- Priority changed from Normal to Low

- Target version deleted (Milestone 24)

See [#43706#note-10](#)

#3 - 2020-07-09 14:01 - ilausuch

- Assignee set to ilausuch

#4 - 2020-07-28 11:31 - okurz

- Target version set to Ready

#5 - 2020-08-27 15:02 - cdywan

Some notes from discussing the ticket with Ivan:

- [x] We seem to have a Dockerfile for Leap
- [] Check if we can build an image
- [] See if any config changes are needed
- [] Update documentation
- [] Look into CI/ OBS for automated generation of images

#6 - 2020-08-27 15:03 - cdywan

- *Blocks action #43715: Update upstream dockerfiles to provide an easy to use docker image of workers added*

#7 - 2020-08-27 15:54 - cdywan

https://build.opensuse.org/package/show/devel:openQA/os-autoinst_dev

#8 - 2020-08-27 16:04 - tinita

The Docker images in https://build.opensuse.org/package/show/devel:openQA/os-autoinst_dev are built via Github Webhooks and OBS tokens.

You can create a token like this:
osc token --create devel:openQA os-autoinst_dev
Then you can use this for the webhook, and for every push the image will be built.

You can also manually trigger a token
osc token --trigger \$token

I believe this is the API endpoint:
<https://build.opensuse.org/apidocs/index#127>
POST /trigger/runservice

#9 - 2020-08-28 09:23 - cdywan

- *Description updated*

#10 - 2020-10-02 10:32 - cdywan

- *Assignee deleted (ilausuch)*

#11 - 2020-10-02 14:12 - cdywan

- *Blocked by action #69355: [spike] redundant/load-balancing webui deployments of openQA added*

#12 - 2020-10-02 14:13 - cdywan

- *Assignee set to ilausuch*

#13 - 2020-10-02 14:22 - ilausuch

I realized that working on that <https://progress.opensuse.org/issues/69355> has several aspects in common to this task. I am working in both cards in parallel.

#14 - 2020-10-03 12:20 - okurz

ilausuch wrote:

I realized that working on that <https://progress.opensuse.org/issues/69355> has several aspects in common to this task. I am working in both cards in parallel.

hint: Link with #<id> rather than full URL to ticket to have preview to other tickets: [#69355](#)

Surely it makes sense if you want to work on the related tasks together however we should not see this as a blocked relation and definitely not in the direction that this ticket would be blocked by ##69355

#15 - 2020-10-03 12:20 - okurz

- *Blocked by deleted (action #69355: [spike] redundant/load-balancing webui deployments of openQA)*

#16 - 2020-10-03 12:21 - okurz

- *Related to action #69355: [spike] redundant/load-balancing webui deployments of openQA added*

#17 - 2020-10-05 14:56 - ilausuch

AC1: The upstream dockerfile can be used to generate a docker image of the webui in

<https://build.opensuse.org/package/show/devel:openQA/openQA>

DONE: The new version works compiles and generate images <https://github.com/os-autoinst/openQA/pull/3431>

AC2: Docker images for the webui are generated each time a new build of openQA is triggered in

<https://build.opensuse.org/package/show/devel:openQA/openQA>

AC3: QA developers can download that docker image and run a container from it that is ready to use (no configuration needed)

Should we publish it on registry.opensuse.org and docker hub?

AC4: Proper documentation of the use of that docker image is available upstream: <https://github.com/os-autoinst/openQA/tree/master/docker>

Depends if the approach in <https://github.com/os-autoinst/openQA/pull/3431> is approved

#18 - 2020-10-17 19:46 - okurz

- Related to action #73447: POC: Create openQA Web Application container image (feature) added

#19 - 2020-10-21 10:27 - cdywan

- Description updated

Dropping AC3 which is covered by [#69355](#) and the image provided here can't run w/o configuration (postgres database, worker, etc).

#20 - 2020-10-29 13:45 - cdywan

- Description updated

#21 - 2020-11-04 10:26 - ilausuch

- Status changed from Workable to In Progress

After the merge of <https://github.com/os-autoinst/openQA/pull/3488> that fixes also the Dockerfile I proceed with the next AC to create a docker image and document how to use this

#22 - 2020-11-04 18:19 - okurz

- Due date set to 2020-11-19

cool, looking forward to this! :) Just setting due date to our usual cycle time.

#23 - 2020-11-06 15:38 - ilausuch

This PR fixes some problems with the Dockerfiles to allow OBS to build the images

<https://github.com/os-autoinst/openQA/pull/3522>

And these are the packages in my home than build the images. Note than the _service points to the branch in github, so if it is merged, then I have to change the paths to get the good ones.

https://build.opensuse.org/package/show/home:ilausuch:branches:devel:openQA/openQA_container_image_webui

https://build.opensuse.org/package/show/home:ilausuch:branches:devel:openQA/openQA_container_image_webui_loadbalancer

#24 - 2020-11-10 14:54 - cdywan

- Description updated

- Status changed from In Progress to Feedback

Publishing images on OBS is raising a lot of questions on top of a usable image that have nothing to do with containerizing the webui in general, and we actually have [#43718](#) so I'm removing it from the AC here.

#25 - 2020-11-10 22:01 - okurz

- Related to action #77320: why does this show leap 15.1?

https://build.opensuse.org/package/view_file/devel:openQA/os-autoinst_dev/_service:download_url:Dockefile?expand=1u added

#26 - 2020-11-18 11:10 - ilausuch

- Status changed from Feedback to Resolved

The PR is merged and also there is a build in OBS that test this (

https://build.opensuse.org/package/show/home:ilausuch:branches:devel:openQA/openQA_container_image_webui_pr)

#27 - 2021-03-18 13:20 - okurz

- Due date deleted (2020-11-19)