

openQA Project - action #91488

containers: openqa test "single_container_webui" eventually fails

2021-04-21 10:09 - ilausuch

Status: Resolved	Start date: 2021-04-21
Priority: Normal	Due date:
Assignee: ilausuch	% Done: 0%
Category: Concrete Bugs	Estimated time: 0.00 hour
Target version: Ready	
Difficulty:	

Description

Motivation

Sometimes we could see this error

```
Error: No such container: openqa_webui
```

This is because the docker run has executed without problems, but one moment later the container doesn't exist

```
assert_script_run("docker run --rm -d --network testing $volumes $certificates -p 80:80 --name openqa_webui openqa_webui");
wait_for_container_log("openqa_webui", "Web application available at", "docker");
```

Examples:

- https://openqa.opensuse.org/tests/1706491#step/single_container_webui/10
- https://openqa.opensuse.org/tests/1706479#step/single_container_webui/10

We don't have information to know what is the problem

Acceptance Criteria

- AC 1:** Log information when this crashes
- AC 2:** Fix the problem

Related issues:

Related to openQA Project - action #91818: containers: Add logs when docker-c...	New	2021-04-27
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History

#1 - 2021-04-21 10:29 - ilausuch

- Assignee set to ilausuch

#2 - 2021-04-21 10:36 - cdywan

Maybe we can extend `wait_for_container_log` to show all logs in case of a failure? To see if the container got deleted, crashed or whatever ☐☐☐

#3 - 2021-04-21 14:26 - ilausuch

Yes, this a good approach too, but the problem is that in this case without removing `-rm` if it fails then the container is removed and its logs too

I had prepared this <https://github.com/os-autoinst/os-autoinst-distri-openQA/pull/67>

#4 - 2021-04-21 15:08 - ilausuch

An alternative idea, we also could use a volume for logs

```
-v logs:/var/log
```

This is not removed when the container is removed

#5 - 2021-04-22 11:25 - ilausuch

- Status changed from New to Feedback

The <https://github.com/os-autoinst/os-autoinst-distri-openQA/pull/67> was merged. But this not fix the commented problems, but we will have more information next time. I keep this open until this happens

#6 - 2021-04-26 15:11 - okurz

- *Target version set to Ready*

#7 - 2021-04-29 08:41 - ilausuch

- *Related to action #91818: containers: Add logs when docker-compose up fails in the CI added*

#8 - 2021-05-05 07:57 - cdywan

ilausuch wrote:

The <https://github.com/os-autoinst/os-autoinst-distri-openQA/pull/67> was merged. But this not fix the commented problems, but we will have more information next time. I keep this open until this happens

The [test results since](#) are all green. Is this good enough?

#9 - 2021-05-18 14:39 - ilausuch

I detected two error cases

https://openqa.opensuse.org/tests/1739739#step/single_container_webui/107

https://openqa.opensuse.org/tests/1739750#step/single_container_webui/107

Seems that the problem is here

```
Mojolicious::Plugin::AssetPack::Pipe::Sass requires ruby. https://ruby-lang.org/en/documentation/installation
[0m[33m[2021-05-14T06:22:00.267 UTC] [info] ::: basetest::runtest: # Test died: output not validating at openq
a/lib/Utils.pm line 101.
```

In further tests it solves without changing the code of this test or any containers code

#10 - 2021-05-18 14:55 - ilausuch

- *Status changed from Feedback to Resolved*

Last comment could conclude that the code to print the logs to know why the container doesn't initialize is working and show us the causes of failures for this test. As all these weeks of observation only mentioned errors has detected and are not related with the code of this tests of the containers code. So we conclude we can resolve this ticket, knowing that if in the future we will know the reasons for new failures.