

openQA Project - coordination #93609

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

coordination # 80150 (Blocked): [epic] Scale out openQA: Easier openQA setup

[epic] openqa-bootstrap support on Leap 15.3

2021-06-08 04:29 - okurz

Status: Blocked	Start date: 2021-06-07
Priority: Low	Due date:
Assignee: mkittler	% Done: 67%
Category: Feature requests	Estimated time: 0.00 hour
Target version: Ready	
Difficulty:	
Description Unable to guess a value for . Please use obs:/// Example: obs://server:http/openSUSE_11.3 /usr/share/openqa/script/openqa-bootstrap --help also gives no clear example on how to do this.	
Acceptance criteria <ul style="list-style-type: none">• AC1: openqa-bootstrap on Leap 15.3 from devel:openQA passes• AC2: openqa-bootstrap on Leap 15.3 from official repos passes• AC3: Automatic test of openqa-bootstrap on Leap 15.3 exists and passes	
Acceptance tests <ul style="list-style-type: none">• AT1-1: podman run --rm -it registry.opensuse.org/opensuse/leap:15.3 sh -c 'zypper -n in curl && curl -s https://raw.githubusercontent.com/os-autoinst/openQA/master/script/openqa-bootstrap bash -x'• AT2-1: podman run --rm -it registry.opensuse.org/opensuse/leap:15.3 sh -c 'zypper -n in openQA-bootstrap && /usr/share/openqa/script/openqa-bootstrap'	
Suggestions <ul style="list-style-type: none">• One problem is that https://build.opensuse.org/project/show/devel:openQA shows the repository "openSUSE_Leap_15.3" but openqa-bootstrap looks for just "Leap_15.3".• I suggest to first ensure that openqa-bootstrap on Leap works with the "curl ... sh" way as this way we can ensure we use the most recent bootstrap script. Then ensure to provide maintenance updates to Leap to fix the version included in official repos. Or, if this turns out to be not feasible at least update http://open.qa/docs/#bootstrapping to explain that the official package within Leap can not be used. In this case at best also propose deletion of openQA packages from official Leap repos.• For automatic tests of openqa-bootstrap on Leap: There is already https://openqa.opensuse.org/tests?match=openqa_bootstrap on Tumbleweed. The same should be part of Leap tests as long as we have according packages within Leap	
Subtasks:	
action # 95317: openqa-bootstrap on Leap 15.3 from devel:openQA passes	Resolved
action # 95320: openqa-bootstrap on Leap 15.3 from official repos passes	Resolved
action # 95323: openqa-bootstrap support on Leap 15.3 - automatic test	New
Related issues:	
Blocked by openQA Project - action #91752: jenkins: Multiple missing fields a...	Resolved 2021-04-26
Copied from openQA Project - coordination #93501: openqa-bootstrap fails to g...	Resolved 2021-06-07

History

#1 - 2021-06-08 04:29 - okurz

- Copied from coordination #93501: openqa-bootstrap fails to guess a value for platform on Leap 15.3 added

#2 - 2021-06-16 13:25 - mkittler

- Assignee set to mkittler

#3 - 2021-06-16 14:28 - mkittler

PR: <https://github.com/os-autoinst/openQA/pull/3961>

Note that the acceptance tests won't work because a working systemd-setup is required to run the script:

```
+ systemctl enable --now apache2
Created symlink /etc/systemd/system/httpd.service → /usr/lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/apache.service → /usr/lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /usr/lib/systemd/system/apache2.service.
System has not been booted with systemd as init system (PID 1). Can't operate.
Failed to connect to bus: Host is down
+ systemctl enable --now openqa-webui
Created symlink /etc/systemd/system/multi-user.target.wants/openqa-webui.service → /usr/lib/systemd/system/openqa-webui.service.
System has not been booted with systemd as init system (PID 1). Can't operate.
Failed to connect to bus: Host is down
+ systemctl enable --now openqa-scheduler
Created symlink /etc/systemd/system/multi-user.target.wants/openqa-scheduler.service → /usr/lib/systemd/system/openqa-scheduler.service.
System has not been booted with systemd as init system (PID 1). Can't operate.
Failed to connect to bus: Host is down
+ curl -sI http://localhost/
+ grep 200
+ sleep 3
+ curl -sI http://localhost/
+ grep 200
+ sleep 3
...
```

There are also further problems when using Docker:

```
++ hostname
/usr/share/openqa/script/configure-web-proxy: line 26: hostname: command not found
+ sed 's/#ServerName.*$/ServerName /' /etc/apache2/vhosts.d/openqa.conf.template
+ sed -i -e 's/#*.method.*=.*$/method = Fake/' /etc/openqa/openqa.ini
+ ping -c1 download.suse.de.
bash: line 43: ping: command not found
```

However, these could actually be considered bugs as these could be avoided by specifying the dependencies for these tools correctly.

But at least the run within Docker confirms that the fix regarding the repository works.

#4 - 2021-06-17 11:07 - mkittler

- Status changed from *Workable* to *In Progress*

The workaround basically works but doesn't cover the internal CA yet, PR: <https://github.com/os-autoinst/openQA/pull/3966>

#5 - 2021-06-17 15:35 - mkittler

The PR has been merged. Apart from systemd/dbus not being available within the container AT1-1 passes now.

I suppose for AT2-1 I need to wait until the package makes it way to TW and then submit it to openSUSE:Backports:SLE-15-SP3:Update/openQA (judging by osc sm output, see https://en.opensuse.org/openSUSE:Maintenance_update_process).

#6 - 2021-06-18 04:09 - openqa_review

- Due date set to 2021-07-02

Setting due date based on mean cycle time of SUSE QE Tools

#7 - 2021-06-21 08:18 - mkittler

- Status changed from *In Progress* to *Blocked*

Looks like the package won't be submitted to Factory until Jenkins is fixed (see [#91752](#)).

#8 - 2021-06-21 08:19 - mkittler

- Related to action #91752: jenkins: Multiple missing fields and errors in configuration of openQA-in-openQA added

#9 - 2021-06-21 08:19 - mkittler

- Related to deleted (action #91752: jenkins: Multiple missing fields and errors in configuration of openQA-in-openQA)

#10 - 2021-06-21 08:19 - mkittler

- Blocked by action #91752: jenkins: Multiple missing fields and errors in configuration of openQA-in-openQA added

#11 - 2021-06-21 13:11 - okurz

- Status changed from Blocked to Feedback

blocker [#91752](#) resolved

#12 - 2021-06-22 15:14 - mkittler

I've been creating: <https://build.opensuse.org/request/show/901354> (which is now depending on <https://build.opensuse.org/request/show/901704>)

I'm not directly submitting the version from Factory because otherwise https://bugzilla.opensuse.org/show_bug.cgi?id=1187425 wouldn't be referenced in the changelog.

#13 - 2021-06-29 12:47 - mkittler

The SR has been merged but the container image is still at dd2749ac3 so AC2 isn't covered yet. I guess I'll have to wait until the container image is updated.

#14 - 2021-07-07 13:06 - okurz

IIUC we are waiting for either a fix for zypper or the updated openQA package to arrive as maintenance update in Leap 15.3

According to https://bugzilla.opensuse.org/show_bug.cgi?id=1187425#c12 we are waiting for the release of a maintenance update for zypper bringing zypper up to version >= 1.14.47 on Leap 15.3. Right now the bug mentions SRs for SLE e.g. <https://build.suse.de/request/show/244090> for SLE15-SP3 but the SR is not yet accepted.

podman run --pull=always --rm -it registry.opensuse.org/opensuse/leap:15.3 /bin/sh -c "rpm -q zypper" returns

```
zypper-1.14.45-10.1.x86_64
```

so not yet the updated version. I suggest that we explain in our documentation the current limitations for openqa-bootstrap on Leap 15.3 and then wait (longer, expected weeks) for the maintenance updates to arrive

[mkittler](#) by the way, what you are doing is doing actual implementation in relation to an epic when epics should rather be the coordinating tasks and actual implementation done only in subtasks.

#15 - 2021-07-07 16:18 - mkittler

So I should have been creating a subtask before doing anything (besides "coordination")?

Btw, I don't know what I need to do so

https://build.opensuse.org/package/show/openSUSE:Maintenance:16611/openQA.openSUSE_Backports_SLE-15-SP3_Update actually lands on <https://build.opensuse.org/package/show/openSUSE:Backports:SLE-15-SP3:Update/openQA> so I cannot really help with the coordination part.

#16 - 2021-07-07 16:35 - okurz

mkittler wrote:

So I should have been creating a subtask before doing anything (besides "coordination")?

Yes

Btw, I don't know what I need to do so

https://build.opensuse.org/package/show/openSUSE:Maintenance:16611/openQA.openSUSE_Backports_SLE-15-SP3_Update actually lands on <https://build.opensuse.org/package/show/openSUSE:Backports:SLE-15-SP3:Update/openQA> so I cannot really help with the coordination part.

I don't think you need to do anything for that. I suggest that we explain in our documentation the current limitations for openqa-bootstrap on Leap 15.3 and then wait (longer, expected weeks) for the maintenance updates to arrive

#17 - 2021-07-09 16:59 - cdywan

Does "wait" mean leaving this open or subtasks as Marius suggested? Asking for a friend who looks at due dates.

#18 - 2021-07-09 17:16 - okurz

let me show you ...

#19 - 2021-07-09 17:22 - okurz

- *Status changed from Feedback to Blocked*

created subtasks and updated, see?

#20 - 2021-07-22 16:15 - mkittler

Only the automatic test is missing now.