

## openQA Project - action #88187

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

### Set the addresses in the "internal clients" configurable

2021-01-25 10:46 - ilausuch

<b>Status:</b>	Resolved	<b>Start date:</b>	2021-01-25
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	mkittler	<b>% Done:</b>	0%
<b>Category:</b>	Feature requests	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Ready		
<b>Difficulty:</b>			
<b>Description</b>			
Problem: The listening addresses are hardcoded to localhost within the different "internal clients" (e.g. lib/OpenQA/Scheduler/Client.pm and lib/OpenQA/WebSockets/Client.pm). This limitation prevents running the different parts of the web UI on different hosts, e.g. a load balanced environment because the different components (scheduler, websockets, ...) cannot communicate with each other.			
Suggested solution: Read an environment variable like OPENQA_SCHEDULER_HOST. This environment variable needs then be supplied to all other containers. Note: It looks like the livehandler and gru don't have a client. That likely means it is no necessary to care about them as no other services access them (via HTTP).			
AC1: The addresses in the "internal clients" are configurable			
<b>Related issues:</b>			
Blocks openQA Project - action #81060: Create a helm chart to deploy web UI i...		<b>Blocked</b>	<b>2020-12-14</b>
Blocks openQA Project - action #76990: Improve documentation for redundant/lo...		<b>Resolved</b>	

## History

### #1 - 2021-01-25 10:46 - ilausuch

- Related to action #81060: Create a helm chart to deploy web UI in kubernetes added

### #2 - 2021-01-25 10:55 - cdywan

I guess set\_listen\_address in lib/OpenQA/Utils.pm is the main entry point here ☐☐

Would MOJO\_LISTEN do for a work-around? As documented in the [Mojo::Server::Daemon](#) module.

### #3 - 2021-01-25 10:59 - okurz

- Category set to Feature requests

- Target version set to Ready

Sounds useful. Please follow the template from <https://progress.opensuse.org/projects/openqav3/wiki#Feature-requests>

### #4 - 2021-01-26 11:36 - okurz

- Target version changed from Ready to future

We can try to readd it to the backlog in case we have a better format and understanding for this ticket. Currently removing due to backlog size constraints.

### #5 - 2021-01-26 16:15 - mkittler

- Description updated

- Parent task set to #80142

### #6 - 2021-01-29 09:52 - cdywan

- Related to deleted (action #81060: Create a helm chart to deploy web UI in kubernetes)

**#7 - 2021-01-29 09:52 - cdywan**

- Blocks action #81060: Create a helm chart to deploy web UI in kubernetes added

**#8 - 2021-01-29 09:53 - cdywan**

- Blocks action #76990: Improve documentation for redundant/load-balancing webui deployments of openQA added

**#9 - 2021-02-15 17:03 - okurz**

- Status changed from New to Workable

- Target version changed from future to Ready

I think we need this as well as prerequisite. Not sure if we are loosing focus by bringing it back to the backlog at this time. Let's try.

**#10 - 2021-02-16 11:53 - mkittler**

- Assignee set to mkittler

**#11 - 2021-02-17 04:07 - openqa\_review**

- Due date set to 2021-03-03

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

**#12 - 2021-02-17 10:10 - mkittler**

PR: <https://github.com/os-autoinst/openQA/pull/3735>

**#13 - 2021-02-18 09:12 - mkittler**

- Status changed from Workable to Resolved

The PR has been merged.

**#14 - 2021-05-17 09:13 - okurz**

- Due date deleted (2021-03-03)