

## openQA Project - action #90299

### 414 failure when cloning job with very long job setting values

2021-03-18 12:59 - ph03nix

<b>Status:</b>	Resolved	<b>Start date:</b>	2021-03-18
<b>Priority:</b>	Normal	<b>Due date:</b>	2021-04-02
<b>Assignee:</b>	mkkittler	<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>			
Hi,			
I've notices a 414 error when cloning job <a href="https://openqa.suse.de/tests/5689774">https://openqa.suse.de/tests/5689774</a> to my own instance:			
<pre>\$ openqa-clone-job --show-progress --host duck-norris.qam.suse.de https://openqa.suse.de/tests/5689774 Failed to create job: "&lt;?xml version="1.0" encoding="UTF-8"?&gt;\n&lt;!DOCTYPE html PUBLIC "-//W3C/ /DTD XHTML 1.0 Strict//EN"\n \n "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd"&gt;\n&lt;html xmlns ="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"&gt;\n&lt;head&gt;\n&lt;title&gt;Submitted URI too l arge!\n&lt;/title&gt;\n&lt;link rev="made" href="mailto:%5bno%20address%20given%5d" /&gt;\n&lt;style type="tex t/css"&gt;&lt;!--/*--&gt;&lt;![CDATA[/*&gt;&lt;!--*/ \n    body { color: #000000; background-color: #FFFFFF; }\n a:link { color: #0000CC; }\n    p, address {margin-left: 3em;}\n    span {font-size: smaller;}\n/ *]]&gt;*/--&gt;&lt;/style&gt;\n&lt;/head&gt;\n\n&lt;body&gt;\n&lt;h1&gt;Submitted URI too large!\n&lt;p&gt;\n\n\n    The length o f the requested URL exceeds the capacity limit for\n\tthis server. The request cannot be processed .\n    \n&lt;/p&gt;\n&lt;p&gt;\nIf you think this is a server error, please contact\nthe &lt;a href="mailto:%5bno %20address%20given%5d"&gt;webmaster&lt;/a&gt;.\n\n&lt;/p&gt;\n\n&lt;h2&gt;Error 414&lt;/h2&gt;\n&lt;address&gt;\n    &lt;a href="/"&gt;o penqa.suse.de&lt;/a&gt;&lt;br /&gt;\n    &lt;span&gt;Apache/2.4.43 (Linux/SUSE)&lt;/span&gt;\n&lt;/address&gt;\n&lt;/body&gt;\n&lt;/html&gt;\n \n" at /usr/share/openqa/script/../../lib/OpenQA/Script/CloneJob.pm line 288.</pre>			
Cloning a similar job like <a href="https://openqa.suse.de/tests/5689081">https://openqa.suse.de/tests/5689081</a> works just fine.			
A hypothesis for the failure is that when using openqa-clone-job, the settings get parameterized within the request URL, which in turn becomes too long.			
The cloned job <a href="https://openqa.suse.de/tests/5689774">https://openqa.suse.de/tests/5689774</a> contains a lot of long settings.			
<b>Reproducer</b>			
<pre>openqa-clone-job --skip-download --skip-chained-deps --host openqa.suse.de https://openqa.suse.de/ tests/5689774</pre>			

## History

### #1 - 2021-03-18 14:53 - tinita

- Status changed from New to In Progress
- Assignee set to tinita
- Target version set to Ready

### #2 - 2021-03-18 14:54 - tinita

Indeed, the parameters are appended to the URL, although we make a POST request.  
I was able to fix it by adding a form parameter to the post request instead.  
Currently running tests.

### #3 - 2021-03-18 14:55 - okurz

- Subject changed from 414 failure when cloning job to 414 failure when cloning job with very long job setting values
- Category set to Feature requests

Sounds like an easy enough fix. Great news! [tinita](#) if you are hitting bigger problems then please let's redisuss priorities.

**#4 - 2021-03-18 15:02 - mkittler**

Sorry, I was too slow with assigning to the ticket as I was just reading the chat. So <https://github.com/os-autoinst/openQA/pull/3803> is already there and I can confirm that it works.

**#5 - 2021-03-18 15:09 - tinita**

- Assignee changed from tinita to mkittler

well, we have the same code change :)

<https://github.com/perl punk/openQA/commit/e1b8adf753c4efb666d149aa89dd7cd526b7b952>

assigning to you, marius

**#6 - 2021-03-19 04:08 - openqa\_review**

- Due date set to 2021-04-02

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

**#7 - 2021-03-29 12:31 - mkittler**

- Status changed from In Progress to Resolved

The PR has been merged. I assume it works.