

## openQA Project - action #65627

### [kernel] Job fails to download LTP asset file

2020-04-15 14:06 - pcervinka

<b>Status:</b>	Resolved	<b>Start date:</b>	2020-04-15
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	MDoucha	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	QE Kernel Done		
<b>Difficulty:</b>			
<b>Description</b>			
Jobs started to fail with download error of asset file after recent changes to LTP asset handling.			
Related job: <a href="https://openqa.suse.de/tests/4124669">https://openqa.suse.de/tests/4124669</a>			
Likely error from autoinst-log.txt: [2020-04-15T14:35:55.0612 CEST] [info] [pid:143562] +++ setup notes +++ [2020-04-15T14:35:55.0612 CEST] [info] [pid:143562] Running on grenache-1:5 (Linux 4.12.14-lp151.2 8.40-default #1 SMP Fri Mar 6 13:48:15 UTC 2020 (f0f1262) ppc64le) [2020-04-15T14:35:55.0617 CEST] [debug] [pid:143562] Found ASSET_1, caching runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz [2020-04-15T14:35:55.0619 CEST] [info] [pid:143562] Downloading runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz, request #82339 sent to Cache Service [2020-04-15T14:36:01.0241 CEST] [info] [pid:143562] Download of runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz processed: [info] [#82339] Cache size of "/var/lib/openqa/cache" is 49GiB, with limit 50GiB [info] [#82339] Downloading "runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz" from "http://openqa.suse.de/tests/4124669/asset/other/runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz" [info] [#82339] Download of "/var/lib/openqa/cache/openqa.suse.de/runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz" failed: 404 Not Found  [2020-04-15T14:36:01.0252 CEST] [error] [pid:143562] Failed to download runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz to /var/lib/openqa/cache/openqa.suse.de/runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz [2020-04-15T14:36:01.0742 CEST] [info] [pid:143562] +++ worker notes +++ [2020-04-15T14:36:01.0742 CEST] [info] [pid:143562] End time: 2020-04-15 12:36:01 [2020-04-15T14:36:01.0742 CEST] [info] [pid:143562] Result: setup failure [2020-04-15T14:36:01.0746 CEST] [info] [pid:187969] Uploading autoinst-log.txt			
<b>Related issues:</b>			
Related to openQA Tests - action #66007: [kernel] Add ASSET_1 variable back f...		<b>Rejected</b>	<b>2020-04-23</b>

### History

#### #1 - 2020-04-15 14:08 - pcervinka

- Description updated

#### #2 - 2020-04-15 14:14 - MDoucha

This appears to be a bug in asset registration. The download URL used by cache service above always returns error 404: <http://openqa.suse.de/tests/4124669/asset/other/runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz>

However, if you replace the job ID in the URL with the ID of the parent job which produced the tarball, it'll work just fine: <http://openqa.suse.de/tests/4124589/asset/other/runtest-files-sle-15-SP2-ppc64le-178.1-Online@ppc64le-spvm.tar.gz>

What may be relevant to the cause of the bug:

- The jobs are in different job groups
- The jobs are linked together via START\_DIRECTLY\_AFTER\_TEST (not the usual START\_AFTER\_TEST)
- The tarball is a public asset, it should be accessible from both job groups
- Restarting the failed job will result in successful asset registration and download, see [https://openqa.suse.de/tests/4124669#next\\_previous](https://openqa.suse.de/tests/4124669#next_previous)

**#3 - 2020-04-15 14:26 - pvorel**

Different job group shouldn't be an issue (we have LTP jobs in other groups, which are working).

**#4 - 2020-04-15 18:33 - pvorel**

The same problem is on LTP baremetal tests => that suggest that there is some problem with START\_DIRECTLY\_AFTER\_TEST  
<https://openqa.suse.de/tests/4125856#dependencies>

**#5 - 2020-04-16 08:20 - pvorel**

- Project changed from SUSE QA to openQA Project

**#6 - 2020-04-16 10:43 - pcervinka**

- Status changed from New to Feedback

- Assignee set to MDoucha

- Target version set to 445

Martin's PR was merged <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/10047/files>.

Let's result of next build (or restart of old one).

**#7 - 2020-04-21 15:55 - mkittler**

I know I've mentioned in the chat that this is likely not a problem of the START\_DIRECTLY\_AFTER\_TEST because the execution sequence of the tests is correct. However, I recently investigated a different problem regarding assets and it came to my attention that the asset registration actually takes chained dependencies into account. Looking at the code it seems that one has to apply the same logic as for regular START\_AFTER\_TEST dependencies in the case of START\_DIRECTLY\_AFTER\_TEST dependencies as well. I'll create a fix.

**#8 - 2020-04-21 16:38 - mkittler**

PR: <https://github.com/os-autoinst/openQA/pull/2970>

**#9 - 2020-04-22 06:56 - pcervinka**

- Status changed from Feedback to Resolved

[MDoucha](#) thanks for the quick fix on LTP side, Public RC validation is smooth thanks to revert to previous behavior, there is no asset download failure

[pvorel](#) thanks for supporting mdoucha

[mkittler](#) thanks for the update and fix on openQA side, we will try it by adding ASSET\_1 variable back when is change on osd.

I will resolve this poo and create follow up.

**#11 - 2020-04-23 10:08 - pcervinka**

- Related to action #66007: [kernel] Add ASSET\_1 variable back for PowerVM and baremetal jobs added

**#12 - 2020-04-23 10:08 - pcervinka**

- Target version changed from 445 to 457

**#13 - 2020-10-23 13:42 - pcervinka**

- Target version changed from 457 to QE Kernel Done