

openQA Tests - action #12370

toolchain/crash - test uses incorrect

2016-06-16 10:40 - RBrownSUSE

Status:	Resolved	Start date:	2016-06-16
Priority:	Urgent	Due date:	
Assignee:	michalnowak	% Done:	100%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:			
Difficulty:			
Description			
toolchain/crash currently uses the following repo (as an example) for debuginfo packages: http://download.suse.de/ibs/SUSE/Products/SLE-SERVER/\$version/\$arch/product_debug/			
This is wrong, as that repo has the debuginfo for the last released milestone, but openQA needs to test the next build we might want to release.			
As the debuginfo must match the version of the packages in the main repo, this is leading to the test to fail			
Proposed solution:			
Test should be using something like			
http://download.suse.de/ibs/SUSE/SLE-12-SP2/GA/images/repo/SLE-\$version-Server-POOL-\$arch-Build\$BUILD_SLE-Media3/			
However, we cannot rely on it being pulled from download.suse.de			
Therefore rsync.pl should be modified to sync the <code>-Server-POOL--Media3</code> repo (Debug POOL), just like we already do for the <code>-Server-POOL--Media1</code> (Product POOL) repo			
Then the test should be using that openQA hosted repo, not the one from download.suse.de which cannot be trusted to be static and present when needed.			
Michal's already on the case, this poo# exists purely for tracking purposes in the openQA dashboard			
Related issues:			
Related to openQA Infrastructure - action #12506: openqa-scripts on osd/o3 sh...		Resolved	2016-06-26

History

#1 - 2016-06-16 14:25 - michalnowak

Sync debuginfo RPMs for SLE-12 Server (https://gitlab.suse.de/openqa/scripts/merge_requests/34)
[WIP] Use provided repo with debuginfo RPMs (<https://github.com/os-autoinst/os-autoinst-distrib-opensuse/pull/1479>)

Before we have a proper and verified fix I suggest to disable the crash.pm test.

#2 - 2016-06-22 07:12 - michalnowak

- Status changed from New to Feedback

Links above host a fix pending review.

#3 - 2016-06-24 07:32 - okurz

The PRs are merged and should be live in current tests, but they seem to still fail, e.g. in <https://openqa.suse.de/tests/455375#step/crash/22> Looks like something is missing in the repo path, please check.

#4 - 2016-06-24 12:32 - michalnowak

<https://openqa.suse.de/tests/455375#settings>: Variable REPO_SLES_DEBUG is not present in the job. Also I don't see any SLE-12-SP2-Server-POOL-x86_64-Build####-Media3 on ftp.openqa.de nor in openqa.suse.de assets. Where can I see log from rsync.pl run, and how it was executed?

#5 - 2016-06-26 09:01 - okurz

You can't see the logs from the rsync.pl runs yourself easily. You can ask to add your ssh key in <https://gitlab.suse.de/openqa/salt-pillars-openqa> but currently the gitlab server does not even show up content within repos. You have to ask admins of osd to help.

#6 - 2016-06-26 09:04 - okurz

I checked on osd: /opt/openqa-scripts hasn't been updated so it can't work. So the main problem I see know is missing CD for scripts. I am trying to get in touch with coolo/sysrich.

#7 - 2016-06-26 20:21 - okurz

- Related to action #12506: openqa-scripts on osd/o3 should be deployed automatically (CD) added

#8 - 2016-06-26 20:22 - okurz

I updated the scripts repo now manually and created a related issue to improve this in future.

#9 - 2016-06-27 07:05 - michalnowak

Thanks Oliver. Looking at toolchain_zypper test from build 1640 at openqa.s.d the change was not in effect, will wait for next build.

#10 - 2016-06-27 14:45 - michalnowak

The changes are live: <https://openqa.suse.de/tests/457581#step/crash/29>. However installing kernel-default-base-debuginfo and kernel-default-debuginfo fails because such packages seems not to be defined in the metadata of the respective repo:

```
# cat /etc/zypp/repos.d/XXX.repo
[XXX]
name=xxx
enabled=1
autorefresh=1
baseurl=ftp://openqa.suse.de/SLE-12-SP2-Server-POOL-x86_64-Build1641-Media3/
type=rpm-md
gpgcheck=0

# zypper se -s --repo XXX kernel-default
Loading repository data...
Reading installed packages...
```

S	Name	Type	Version	Arch	Repository
v	kernel-default	package	4.4.13-47.4	x86_64	xxx
	kernel-default-base	package	4.4.13-47.4	x86_64	xxx
	kernel-default-devel	package	4.4.13-47.4	x86_64	xxx

If I install package from that repo:

```
# zypper -v in --repo XXX kernelshark
Verbosity: 1
Non-option program arguments: 'kernelshark'
Initializing Target
Checking whether to refresh metadata for xxx
Loading repository data...
Reading installed packages...
Force resolution: No
Selecting 'kernelshark-2.0.4-3.95.x86_64' from repository 'xxx' for installation.
Resolving package dependencies...
Force resolution: No
```

The following NEW package is going to be installed:

```
kernelshark 2.0.4-3.95
```

```
1 new package to install.
Overall download size: 1.4 MiB. Already cached: 0 B. After the operation, additional 2.4 MiB will be used.
Continue? [y/n/? shows all options] (y):
committing
Retrieving package kernelshark-2.0.4-3.95.x86_64
(1/1), 1.4 MiB ( 2.4 MiB unpacked)
Retrieving: kernelshark-2.0.4-3.95.x86_64.rpm .....[done]
Checking for file conflicts: .....[done]
(1/1) Installing: kernelshark-2.0.4-3.95.x86_64 .....[done]
```

CommitResult (total 1, done 1, error 0, skipped 0, updateMessages 0)

I get the ordinary binary, i.e. non-debuginfo package:

```
# rpmquery -l kernelshark-2.0.4-3.95.x86_64
/usr/bin/kernelshark
/usr/bin/trace-graph
/usr/bin/trace-view
...
```

But I don't see there (http://openqa.suse.de/SLE-12-SP2-Server-POOL-x86_64-Build1641-Media3/x86_64/) non-debuginfo packages.

#11 - 2016-07-08 21:47 - okurz

- Status changed from Feedback to In Progress

- Priority changed from High to Urgent

I am sorry I can't help with understanding which packages are needed or how they can be provided.

Increasing prio as this happens often enough on osd as well as o3 to be regarded as urgent. Please fix.

Recent example: <https://openqa.suse.de/tests/464769>

#12 - 2016-07-12 14:07 - michalnowak

This PR <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/1518> should fix/workaround it.

Also talked to bugfinder:

```
<bugfinder> I guess this is the old zypper misfeature ...
<bugfinder> if the path ends in "3" it tries to get metadata by replacing the last digit at the end by a "1" .
..
<bugfinder> that's why we create a "DEBUG" symlink on dist
<bugfinder> like http://dist.nue.suse.com/install/SLP/SLE-12-SP1-Server-LATEST/x86_64/DEBUG/
<bugfinder> or with directory names like "product_debug" as we do this for the official pool channels:
<bugfinder> http://dist.nue.suse.com/ibs/SUSE/Products/SLE-SERVER/12-SP2/x86_64/product_debug/
```

#13 - 2016-07-12 21:31 - okurz

thanks for sharing this. So the "workaround" might actually be because of yet another case where openQA might need to do some symlinking as well as is done when stuff is published from ibs to dist.

#14 - 2016-07-15 15:21 - michalnowak

Next week I am on vacation PR#1518 should fix the problem in the mean time. Once I am back I'll look into proper solution via renaming the repo.

#15 - 2016-07-25 08:27 - michalnowak

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

The test now uses correct repository thanks to change in libzypp:

<https://openqa.suse.de/tests/overview?distri=sle&version=12-SP2&build=2002&groupid=25> (see the "toolchain" test suites). I believe this issue is fixed. Closing.

#16 - 2016-10-04 09:36 - mkravec

- Status changed from Resolved to In Progress

Test died:

Could not retrieve required variable REPO_SLES_DEBUG at /usr/lib/os-autoinst/testapi.pm line 452.

<https://openqa.suse.de/tests/598582#step/crash/19>

<https://openqa.suse.de/tests/599179#step/crash/14>

#17 - 2016-10-04 11:44 - michalnowak

- Status changed from In Progress to Resolved

This is now: <https://progress.opensuse.org/issues/14052>.