

## openQA Tests - action #49031

### [functional][u][sle][kernel] test to verify kernel-source matches kernel-default

2019-03-11 15:14 - Inussel

<b>Status:</b>	Resolved	<b>Start date:</b>	2019-03-11
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	pcervinka	<b>% Done:</b>	0%
<b>Category:</b>	New test	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	QE Kernel Done		
<b>Difficulty:</b>			
<b>Description</b>			
Sometimes it happens that kernel-source fails to build but kernel-default succeeds. Both packages need to be in sync though otherwise it's not possible to compile kernel modules, including nvidia, virtualbox etc. So would be nice to have a test that verifies that eg kernel-devel, which is a subpackage of kernel-source matches.			

#### History

##### #1 - 2019-03-12 06:49 - SLindoMansilla

- Subject changed from test to verify kernel-source matches kernel-default to [functional][sle] test to verify kernel-source matches kernel-default

As a result of backlog triaging (see <https://progress.opensuse.org/projects/openqatests/wiki#ticket-backlog-triaging> for more information).

Please, feel free to adjust the category or the "[label]" if you think different.

##### #2 - 2019-03-12 22:11 - okurz

- Subject changed from [functional][sle] test to verify kernel-source matches kernel-default to [functional][u][sle] test to verify kernel-source matches kernel-default

- Target version set to Milestone 26

##### #3 - 2019-08-21 10:30 - mgriessmeier

- Target version changed from Milestone 26 to Milestone 27

to be discussed with jose

##### #4 - 2019-08-28 09:32 - pcervinka

- Subject changed from [functional][u][sle] test to verify kernel-source matches kernel-default to [functional][u][sle][kernel] test to verify kernel-source matches kernel-default

- Assignee set to pcervinka

- Target version changed from Milestone 27 to 454

Could be planned for next sprint(not now), let's update status after next planning meeting.

##### #5 - 2019-08-28 11:31 - metan

We do have a LTP tests that are testing basic functionality by building a kernel module, inserting it and then parsing dmesg for tests results, you can have a look at 'testcases/kernel/device-drivers' in LTP source. Such tests would assert, at least partially that kernel-devel is working, unfortunately these tests are not executed on SLES because as far as I can tell we cannot load unsigned modules into the kernel at all, but maybe I haven't looked into the matter deep enough.

##### #6 - 2019-09-03 13:34 - pcervinka

I guess that primary target is Tumbleweed, as kernel changes are frequent that these glitches can happen.

[metan](https://www.tldp.org/LDP/lkmpg/2.6/html/x121.html) what about to make test (without ltp) based on <https://www.tldp.org/LDP/lkmpg/2.6/html/x121.html> ?

We can check on openSUSE that module was builded and inserted and on SLES at least that module was builded.

##### #7 - 2019-09-18 06:45 - pcervinka

- Status changed from New to In Progress

- Target version changed from 454 to 445

**#8 - 2019-09-20 09:41 - pcervinka**

PR: <https://github.com/os-autoinst/os-autoinst-dstri-opensuse/pull/8482>

**#9 - 2019-09-20 11:28 - pcervinka**

PR merged. Test suite extra\_tests\_kernel defined in Test Development: Kernel on osd.  
Same will be done for ooo.

**#10 - 2019-09-20 13:17 - pcervinka**

Defined extra\_tests\_kernel test suite on ooo in openSUSE Tumbleweed Kernel job group.

**#11 - 2019-09-20 14:10 - pcervinka**

- *Status changed from In Progress to Feedback*

**#12 - 2019-09-23 18:19 - pcervinka**

- *Status changed from Feedback to Resolved*

Works fine on openSUSE: <https://openqa.opensuse.org/tests/1038375> and SLE <https://openqa.suse.de/tests/3389487>

**#13 - 2019-10-15 13:40 - jlausuch**

- *Target version changed from 445 to 457*

**#14 - 2020-10-23 13:38 - pcervinka**

- *Target version changed from 457 to QE Kernel Done*