openQA Tests - action #49031

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

2019-03-11 15:14 - lnussel

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>pcervinka</td>
</tr>
<tr>
<td>Category:</td>
<td>New test</td>
</tr>
<tr>
<td>Target version:</td>
<td>QE Kernel Done</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
</tr>
<tr>
<td>Start date:</td>
<td>2019-03-11</td>
</tr>
<tr>
<td>Due date:</td>
<td></td>
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<tr>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Estimated time:</td>
<td>0.00 hour</td>
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</tbody>
</table>

Description

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](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](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-distri-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

- Target version changed from 445 to 457

#14 - 2020-10-23 13:38 - pcervinka
- Target version changed from 457 to QE Kernel Done