openQA Tests - action #15700
[LTP][OpenQA] ima, tpm: need TPM
2016-12-30 10:26 - rpalethorpe

<table>
<thead>
<tr>
<th>Status:</th>
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<td>Assignee:</td>
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<td>Category:</td>
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<td>Target version:</td>
<td>future</td>
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<td>Difficulty:</td>
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**Description**

These tests require a Trusted Platform Module which is not currently available inside our SUT’s VM. At a cursory glance, there are a few options for solving this, including, but probably not limited to:

1. Pass-through the host's TPM module to the guest.
2. Emulate the TPM using [https://github.com/PeterHuewe/tpm-emulator](https://github.com/PeterHuewe/tpm-emulator) either on the guest or host.
3. Wait for QEMU TPM device emulation.

In the case of option 1 we need to use the Linux vTPM proxy driver to ensure the guest doesn't take exclusive control of the TPM. This requires reconfiguring the host/worker's kernel to build the vtpmx module.

The second seems quite flexible, although we will need to package the emulator to run it on workers. There also appears to be an emulator built into QEMU in the works which would be easiest to configure.

**Related issues:**

Related to openQA Tests - action #15592: [LTP][OpenQA][kernel] LTP Native test runner minor issues added

#1 - 2016-12-30 10:26 - rpalethorpe
- Related to action #15592: [LTP][OpenQA][kernel] LTP Native test runner minor issues added

#2 - 2017-01-20 13:46 - okurz

This is an autogenerated message for openQA integration by the openqa_review script:

This bug is still referenced in a failing openQA test: ltp ima
[http://openqa.suse.de/tests/722191](http://openqa.suse.de/tests/722191)

#3 - 2017-02-07 12:26 - okurz

This is an autogenerated message for openQA integration by the openqa_review script:

This bug is still referenced in a failing openQA test: ltp ima
[http://openqa.suse.de/tests/759493](http://openqa.suse.de/tests/759493)

#4 - 2017-02-16 14:36 - okurz

- Category set to Enhancement to existing tests
- Target version set to future

#5 - 2017-03-03 07:03 - okurz

This is an autogenerated message for openQA integration by the openqa_review script:

This bug is still referenced in a failing openQA test: ltp ima
[http://openqa.suse.de/tests/795394](http://openqa.suse.de/tests/795394)

#6 - 2017-03-03 07:13 - okurz

This is an autogenerated message for openQA integration by the openqa_review script:

This bug is still referenced in a failing openQA test: ltp ima
[http://openqa.suse.de/tests/795394](http://openqa.suse.de/tests/795394)
This bug is still referenced in a failing openQA test: ltp_ima
https://openqa.suse.de/tests/829508

Removing tpm2.0-tools from the dependency list since it blocked KOTD ltp tests on SLE12 and SLE12 SP1.

According to rpalethorpe, none of the TPM tests work so far, so we can just remove it for now. If someone need it, he/she will have to install it by himself/herself.

https://progress.opensuse.org/issues/18106#note-4

This bug is still referenced in a failing openQA test: ltp_ima
https://openqa.suse.de/tests/873717

This bug is still referenced in a failing openQA test: ltp_ima
https://openqa.suse.de/tests/909607

This bug is still referenced in a failing openQA test: ltp_ima
https://openqa.suse.de/tests/931058

This bug is still referenced in a failing openQA test: ltp_ima
https://openqa.suse.de/tests/964401

This bug is still referenced in a failing openQA test: ltp_ima
https://openqa.suse.de/tests/999624

This bug is still referenced in a failing openQA test: ltp_ima
https://openqa.suse.de/tests/1023561

This bug is still referenced in a failing openQA test: ltp_ima
http://openqa.suse.de/tests/1058442

- Target version changed from future to future

- Status changed from New to Rejected

pvorel eventually worked on this. This ticket is superseded. Old ticket cleanup.