

## openQA Project - action #13156

### os-autoinst: Add support to easily switch VERSION during a test run

2016-08-11 10:18 - okurz

<b>Status:</b>	Resolved	<b>Start date:</b>	2016-08-11
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Feature requests	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Difficulty:</b>			

#### Description

### observation

for example in <https://openqa.suse.de/tests/510956> zypper lifecycle is called which does not exist as we rolled back to a pre-SP2 state: [https://openqa.suse.de/tests/510956#step/zypper\\_lifecycle/7](https://openqa.suse.de/tests/510956#step/zypper_lifecycle/7)

### problem

VERSION=12-SP2 but when scheduling tests or trying to match needles this does not make sense.

Also see <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/1684> for a possible approach updating "VERSION" during the test run.

Three different scopes have to be kept in mind

- needle registering (and unregistering)
- test module scheduling
- test module execution

For example, updating VERSION in a test module is executed after all modules are scheduled so it needs to be set in main.pm, too. As needle tags already got registered/unregistered, they need to be re-registered after every version change.

### suggestion

Also see [#9580#note-24](#)

### further details

The original title was 'how do we handle tests in "rollback\_migration" which shouldn't start because VERSION is 12-SP2 but after rollback it's not anymore?'

#### Related issues:

Related to openQA Tests - action #25504: Support for changing test variables ...	<b>Resolved</b>	<b>2017-09-22</b>
Has duplicate openQA Tests - action #13210: OpenQA is testing SP1 instead of SP2	<b>Closed</b>	<b>2016-08-16</b>
Blocked by openQA Tests - action #9580: Boot to snapshot after upgrade and th...	<b>Resolved</b>	<b>2015-11-17</b>

#### History

**#1 - 2016-08-11 10:20 - okurz**

- Blocked by action #9580: Boot to snapshot after upgrade and then rollback added

**#2 - 2016-08-11 10:21 - okurz**

- Description updated

**#3 - 2016-08-11 10:58 - okurz**

- Description updated

**#4 - 2016-08-16 01:40 - dgutu**

We might/could use the same approach as for migration when based on VAR we a loading tests from subfolder.

**#5 - 2016-08-16 03:42 - okurz**

Interesting. Can you link this example or are you talking about an idea that isn't implemented yet?

**#6 - 2016-08-16 14:52 - okurz**

- Has duplicate action #13210: OpenQA is testing SP1 instead of SP2 added

**#7 - 2016-09-16 07:30 - okurz**

- Priority changed from Normal to High

most recent failing example: <https://openqa.suse.de/tests/569863>

**#8 - 2016-11-10 08:03 - maritawerner**

Could be assigned to szarate.

**#9 - 2016-11-10 15:10 - okurz**

- Project changed from openQA Tests to openQA Project

- Subject changed from how do we handle tests in "rollback\_migration" which shouldn't start because VERSION \*is\* 12-SP2 but after rollback it's not anymore? to os-automst: Add support to easily switch VERSION during a test run

- Description updated

- Category changed from Enhancement to existing tests to 136

**#10 - 2016-11-10 15:13 - okurz**

- Blocks action #12330: Upgrades on s390 added

**#11 - 2016-11-23 11:38 - mgriessmeier**

still a problem in 0059

<https://openqa.suse.de/tests/640726>

**#12 - 2017-01-17 16:53 - okurz**

- Target version set to Milestone 5

**#13 - 2017-01-30 12:01 - okurz**

- Blocks deleted (action #12330: Upgrades on s390)

**#14 - 2017-01-30 12:29 - okurz**

- Priority changed from High to Normal

while it might be nice to continue with this, e.g. for the "rollback after migration" jobs, this ticket does not block [#12330](#) anymore and therefore should be regarded as high -> reduced to normal

**#15 - 2017-02-15 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: rollback\_migration\_offline\_sle12

<http://openqa.suse.de/tests/627621>

**#16 - 2017-02-15 07:19 - okurz**

This is an autogenerated message for openQA integration by the openqa\_review script:

This bug is still referenced in a failing openQA test: rollback\_migration\_offline\_sle12

<http://openqa.suse.de/tests/627621>

**#17 - 2017-02-16 09:31 - okurz**

- Target version changed from Milestone 5 to Milestone 6

No one working on this and will most certainly not finish within M5

**#18 - 2017-02-21 07:48 - okurz**

- Target version changed from Milestone 6 to Milestone 7

**#19 - 2017-03-08 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: rollback\_migration\_offline\_sle12  
<http://openqa.suse.de/tests/627621>

**#20 - 2017-03-08 07:12 - okurz**

This is an autogenerated message for openQA integration by the openqa\_review script:

This bug is still referenced in a failing openQA test: rollback\_migration\_offline\_sle12  
<http://openqa.suse.de/tests/627621>

**#21 - 2017-05-23 06:42 - okurz**

- Priority changed from Normal to Low

- Target version deleted (Milestone 7)

For now we accepted the fact that this does not work and are using workarounds which are good enough, e.g. version specific needle tags for migration scenarios, etc.

**#22 - 2017-08-23 06:43 - okurz**

This is an autogenerated message for openQA integration by the openqa\_review script:

This bug is still referenced in a failing openQA test: rollback\_migration\_offline\_sle12  
<http://openqa.suse.de/tests/627621>

**#23 - 2017-09-25 06:02 - okurz**

- Related to action #25504: Support for changing test variables including needles during test run (was: utils::sle\_version\_at\_least needs refinement) added

**#24 - 2017-11-18 08:32 - coolo**

- Status changed from New to Resolved

for needle matches we have a solution ([#25504](#)), for scheduling tests we have to be creative

**#25 - 2017-11-21 07:13 - okurz**

<https://github.com/os-autoinst/os-autoinst/pull/868> was the enabling backend PR