

## openQA Tests - action #71620

### [sle][security][sle15sp3][spvm] test fails in pam\_su about switch user fail in ppc64le

2020-09-22 08:07 - bchou

<b>Status:</b>	Resolved	<b>Start date:</b>	2020-09-22
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	rfa1	<b>% Done:</b>	100%
<b>Category:</b>	Bugs in existing tests	<b>Estimated time:</b>	8.00 hours
<b>Target version:</b>			
<b>Difficulty:</b>			
<b>Description</b>			
<b>Observation</b>			
openQA test in scenario sle-15-SP3-Online-ppc64le-security_pam_spvm@ppc64le-spvm fails in <a href="#">pam_su</a>			
<b>Test suite description</b>			
<b>Reproducible</b>			
Fails since (at least) Build <a href="#">42.1</a> (current job)			
<b>Expected result</b>			
Last good: (unknown) (or more recent)			
<b>Further details</b>			
Always latest result in this scenario: <a href="#">latest</a>			

## History

### #1 - 2020-09-22 09:28 - rfa1

- Status changed from New to Workable
- % Done changed from 0 to 10
- Estimated time set to 6.00 h

[https://openqa.suse.de/tests/4722986#step/pam\\_su/20](https://openqa.suse.de/tests/4722986#step/pam_su/20)

switch the tests to new backend ppc\_hmc

can hit the issue again, failed to access the /dev/sshserial after switching to user "bernhard"

### #2 - 2020-09-22 09:29 - rfa1

- Status changed from Workable to In Progress

### #3 - 2020-09-23 07:44 - riafarov

Somehow for sshserial we don't set permissions on ikvm|ipmi|spvm|pvm\_hmc backends

<https://github.com/os-autoinst/os-autoinst-distri-opensuse/blob/master/lib/susedistribution.pm#L460>

I believe that adding chmod 666 /dev/sshserial as we do for ssh consoles on generalhw should resolve it:

```
serial => 'rm -f /dev/sshserial; mkfifo /dev/sshserial; chmod 666 /dev/sshserial; while true; do cat /dev/sshserial; done',  
``
```

### #4 - 2020-09-23 08:50 - rfa1

riafarov wrote:

Somehow for sshserial we don't set permissions on ikvm|ipmi|spvm|pvm\_hmc backends  
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serial => 'rm -f /dev/sshserial; mkfifo /dev/sshserial; chmod 666 /dev/sshserial; while true; do cat /dev/sshserial; done',  
``
```

Thanks much! will have a try!

**#5 - 2020-09-23 13:53 - riafarov**

So the proposal works, I've created <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/11065>  
We also have failure related to this issue in one of our tests.

<http://openqa.suse.de/tests/4724250#>

Thanks to Rodion for the kindly help and quick response!  
The issue is gone after set right permission to "/dev/sshserial" file, all tests passed

**#6 - 2020-09-24 00:57 - rfan1**

- Status changed from In Progress to Resolved

<http://openqa.suse.de/tests/4725124>

Test passed on openqa as well, close this ticket.

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But let me record more information here, for ppc platform, the test uses ssh to login to test machine and set ssh serial console via command "mkfifo /dev/sshserial", the default permission should be 0600, then, if we switch to non-root user, it fails to echo output to serial console, hence needed to modify the permission to 0666.

**#7 - 2020-09-24 01:59 - rfan1**

- % Done changed from 10 to 100

- Estimated time changed from 6.00 h to 8.00 h