### openQA Tests - action #34699

[qe-core][functional][ipmi] access to serial log during installation

#### Status: New  
#### Start date: 2018-04-10

#### Priority: Normal  
#### Due date: 0%

#### Assignee:  
#### % Done: 0%

#### Category: Enhancement to existing tests  
#### Estimated time: 0.00 hour

#### Target version: future  
#### Difficulty: 

#### Description

**Acceptance criteria**

- **AC1:** ipmi tests have access to the serial port for forwarding output, e.g. within a post_fail_hook during installation

**Suggestions**

- Setup an IPMI worker connection to a local openQA development environment
- Make a test fail explicitly in early stages and observe if the post_fail_hook is able to access the serial port, e.g. in script_run calls
- Maybe by chance it just works now, if not - try to understand why it works in later steps, e.g. <https://openqa.suse.de/tests/1603718#step/logs_from_installation_system/9> but not in earlier steps
- Adjust test code accordingly, e.g. if we need to activate a console or something

#### Further details

- **22 Sep 2017 08:58:32** - okurz: <https://openqa.suse.de/tests/1181415#step/partitioning_first_disk/4 looks to me as if the second hard disk needs to be unselected at first now?
- **22 Sep 2017 09:01:26** - coolo: there are quite some SLES on it :
- **22 Sep 2017 09:02:46** - okurz: as in: a bug...
- **22 Sep 2017 09:03:11** - coolo: do we have yast logs? if so, shot :)
- **22 Sep 2017 09:03:37** - okurz: we don't
- **22 Sep 2017 09:08:57** - okurz: coolo: idea why the serial output is missing? can we improve the debugging about serial port forwarding on ipmi?
- **22 Sep 2017 09:11:20** - coolo: okurz: I don't think we even try serial port forwarding on installation
- **22 Sep 2017 09:15:53** - coolo: okurz: if we start installation with ssh=1 we could open a connection
- **22 Sep 2017 09:16:31** - okurz: I guess you mean sshd=1 ?
- **22 Sep 2017 09:17:27** - coolo: anyway, tests/installation/install_and_reboot.pm:

  ```perl
  use_ssh_serial_console;
  ```

- **22 Sep 2017 09:17:33** - coolo: this might too late for your failures
- **22 Sep 2017 09:18:05** - coolo: it was good enough on sp3 when installation just worked :)  
- **22 Sep 2017 09:18:30** - okurz: ssh=1 -> start installation and wait for connection over ssh to conduct installation over ssh, sshd=1 -> just spawn a ssh server in the installer system, as we do for zVM where we conduct the installation over VNC

#### Always latest in this scenario

#### Related issues:

- **Related to openQA Tests - coordination #25510:** [sle][functional][u][hard][epic] New test scenario textmode@ipmi added  
  **Rejected**  
  **2018-02-26**
- **Blocked by openQA Tests - coordination #44843:** [qe-core][functional][epic] Cl...  
  **New**  
  **2018-12-13**
- **Blocks openQA Tests - action #13914:** [qe-core][functional][ipmi] wait_serial ...  
  **New**  
  **2016-09-27**

#### History

**#1 - 2018-04-10 20:56** - okurz

- Related to coordination #25510: [sle][functional][u][hard][epic] New test scenario textmode@ipmi added

2021-05-07
#2 - 2018-04-10 20:57 - okurz
- Related to action #13914: [qe-core][functional][ipmi] wait_serial does not get expected output because ipmi console connection is closed  added

#3 - 2018-04-10 20:57 - okurz
- Status changed from New to Workable

#4 - 2018-06-14 14:59 - okurz
- Target version changed from Milestone 17 to Milestone 21+

#5 - 2018-06-15 18:47 - okurz
- Target version changed from Milestone 21+ to Milestone 21+

#6 - 2018-12-13 15:11 - okurz
- Related to coordination #44843: [qe-core][functional][epic] Cleanup the use of serial-/virtio-/ssh-consoles in our tests (was: use $self->select_serial_terminal instead of checking IPMI in every module) added

#7 - 2019-01-08 13:24 - okurz
- Status changed from Workable to Blocked
- Assignee set to okurz
- Target version changed from Milestone 21+ to future

waiting for #44843 first

#8 - 2019-05-22 10:38 - okurz
- Assignee changed from okurz to mgriessmeier

Move to new QSF-u PO after I moved to the "tools"-team. I mainly checked the subject line so in individual instances you might not agree to take it over completely into QSF-u. Feel free to discuss with me or reassign to me or someone else in this case. Thanks.

#9 - 2020-04-24 12:39 - SLindoMansilla
- Related to deleted (coordination #44843: [qe-core][functional][epic] Cleanup the use of serial-/virtio-/ssh-consoles in our tests (was: use $self->select_serial_terminal instead of checking IPMI in every module))

#10 - 2020-04-24 12:39 - SLindoMansilla
- Blocked by coordination #44843: [qe-core][functional][epic] Cleanup the use of serial-/virtio-/ssh-consoles in our tests (was: use $self->select_serial_terminal instead of checking IPMI in every module) added

#11 - 2020-04-24 12:39 - SLindoMansilla
- Related to deleted (action #13914: [qe-core][functional][ipmi] wait_serial does not get expected output because ipmi console connection is closed )

#12 - 2020-04-24 12:39 - SLindoMansilla
- Blocks action #13914: [qe-core][functional][ipmi] wait_serial does not get expected output because ipmi console connection is closed  added

#13 - 2020-04-24 12:40 - SLindoMansilla
- Assignee changed from mgriessmeier to SLindoMansilla

#14 - 2020-11-06 10:31 - tjyrinki_suse
- Subject changed from [functional][u][ipmi] access to serial log during installation to [qe-core][functional][ipmi] access to serial log during installation

#15 - 2021-03-12 12:06 - SLindoMansilla
- Status changed from Blocked to New
- Assignee deleted (SLindoMansilla)

No time to work on this :(