

openQA Infrastructure - action #80166

IPMI SOL does not show me anything anymore during bootup until the linux getty login prompt, can anybody confirm?

2020-11-22 17:18 - okurz

Status:	Resolved	Start date:	2020-11-22
Priority:	High	Due date:	
Assignee:	nicksinger	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Ready		

Description

Observation

Using <https://gitlab.suse.de/openqa/salt-pillars-openqa#get-ipmi-definition-aliases>
I did:

```
ipmi-openqaworker-arm-1-ipmi power reset
ipmi-openqaworker-arm-1-ipmi sol activate
```

but this did not show me anything until I pressed "ret" after about 10 minutes which showed me the response from the linux getty login prompt, i.e. asking for "password".

Steps to reproduce

TBC if anybody else can reproduce:

```
ipmi-openqaworker-arm-1-ipmi power reset
ipmi-openqaworker-arm-1-ipmi sol activate
```

okurz observed the same on openqaworker-arm-1 and openqaworker-arm-2.

Suggestions

- Try if the "steps to reproduce" actually reproduce for yourself as well

History

#1 - 2020-11-25 10:29 - nicksinger

- Assignee set to nicksinger

Haven't restarted the machine yet but looking at the pty-prompt it seems plausible:

```
Welcome to openSUSE Leap 15.1 - Kernel 5.8.3-1.gbad027a-default (ttyAMA0).
```

while /proc/cmdline shows no sign of ttyAMA0:

```
nsinger@openqaworker-arm-1:~> cat /proc/cmdline
BOOT_IMAGE=/boot/Image-5.8.3-1.gbad027a-default root=/dev/mapper/system-root nospec kvm.nested=1 kvm_intel.nested=1 kvm_amd.nested=1 kvm-arm.nested=1 crashkernel=210M
```

#2 - 2020-11-26 09:21 - nicksinger

- Status changed from Workable to Feedback

https://gitlab.suse.de/openqa/salt-states-openqa/-/merge_requests/406

#3 - 2020-11-26 14:52 - nicksinger

Merged and deployed, thanks.

Validating on openqaworker-arm-1 I see:

1. /etc/default/grub contains the settings

2. Settings were properly applied and grub.cfg got rebuilt after this change (/boot/grub2/grub.cfg contains my changes)
3. rebooting now for a final test

#4 - 2020-11-26 15:01 - nicksinger

- *Status changed from Feedback to Resolved*

I was able to see all output from BIOS/EFI, grub and the kernel right into the login prompt. I assume that was a success and should work on the other two arm servers too. Please reopen if you still see issues but keep in mind that it first needs to be deployed on newly added machines (e.g. if arm-3 comes back eventually).