

openQA Tests - action #49121

[qam][kernel][multipath][aarch64] Qemu fails setup multipath on qemu_aarch64

2019-03-12 20:45 - pcervinka

Status:	Resolved	Start date:	2019-03-12
Priority:	Normal	Due date:	
Assignee:	pcervinka	% Done:	0%
Category:	Spike/Research	Estimated time:	0.00 hour
Target version:			
Difficulty:			
Description			
QEMU fails when is MULTIPATH=1 defined on qemu_aarch64.			
It incorrectly uses "virtio-blk-device" instead of iscsi:			
[2019-03-12T11:33:04.755 UTC] [debug] QEMU: qemu-system-aarch64: -device virtio-blk-device,id=hd0-device-path0,drive=hd0,share-rw=true,bus=scsi0.0,serial=hd0: Device 'virtio-blk-device' can't go on SCSI bus			
https://openqa.suse.de/tests/2535429/file/autoinst-log.txt			
Same setup works fine on x86_64 and ppc64le.			

History

#2 - 2019-03-13 08:18 - pcervinka

HDDMODEL comes from aarch64 machine definition:

```
HDDMODEL=virtio-blk-device
HDDSIZEGB=20
QEMU=aarch64
QEMUCPU=host
QEMUCPUS=2
QEMUMACHINE=virt,usb=off,gic-version=host
SERIALDEV=ttyAMA0
UEFI=1
UEFI_PFLASH_CODE=/usr/share/qemu/aavmf-aarch64-code.bin
UEFI_PFLASH_VARS=/usr/share/qemu/aavmf-aarch64-vars.bin
VGA=std
WORKER_CLASS=qemu_aarch64
```

#3 - 2019-03-13 10:00 - pcervinka

Restarted installation with HDDMODEL=scsi-hd and it passed ok.

Restarted kdump test failed with:

```
[2019-03-13T09:50:50.502 UTC] [debug] QEMU: qemu-system-aarch64: -device scsi-hd,id=hd0-device-path1,drive=hd0-overlay0,share-rw=true,bus=scsi1.0,bootindex=0,serial=hd0: The bootindex 0 has already been used
```

This was already fixed. openqaworker-arm-2:4 doesn't have updated os-autoinst.

#4 - 2019-03-13 10:05 - pcervinka

- Status changed from New to In Progress

#5 - 2019-03-13 11:01 - pcervinka

nick confirmed on #testing that there was an issue with update:

"Seems we skipped deployment the last two times due to zypper bailing out. Let me check if we can update aarch only or need to deploy"

#6 - 2019-03-13 15:57 - pcervinka

So setting of HDDMODEL definitely works. But not sure and don't know why it is defined at machine level for aarch64.

Will try to ask more around.

#7 - 2019-03-19 10:54 - pcervinka

All aarch64* machines in osd have HDDMODEL=virtio-blk-device, didn't find why exactly it was set in the past. Solution is to set

HDDMODEL=scsi-hd.

#8 - 2019-03-19 10:57 - pcervinka

- Status changed from In Progress to Resolved