

openQA Tests - action #42800

[kernel] Require a two disk s390x machine type to run xfstests

2018-10-23 03:39 - yosun

Status:	Resolved	Start date:	2019-02-18
Priority:	Normal	Due date:	
Assignee:	yosun	% Done:	100%
Category:	Infrastructure	Estimated time:	0.00 hour
Target version:	QE Kernel Done		
Difficulty:			
Description			
<p>For now the s390x worker has only one disk(around 20GB), and it don't have enough place to get a 20GB /home partition(we need a 20GB partition to split to a 10GB test partition and 10GB scratch partition). So now we need to test xfstests on s390x manually in each milestone. After many try, we couldn't find a way to run xfstests in that worker. Could someone help with following solution? to make one of them will help this.</p> <ul style="list-style-type: none">• Add one more disk(>=20GB) for the s390x worker• Gives more space for s390x disk, and create a 20~30GB /home during installation.			
Subtasks:			
action # 48071: [functional][u][kernel]Transfer s390x-zVM-2disk machine type from zVM t...			Resolved

History

#1 - 2018-10-23 08:47 - mgriessmeier

is it about automation?
for manual testing we have some machines with two disks which can be used for this.
for bigger disk I need to involve lhno

#2 - 2018-10-23 08:52 - yosun

Yes, for automation on openQA. Two disk is better than a big one, since with one disk, SLES didn't automatically create a new partition for /home during installation for s390x. That's the different in s390x with other arches.
For manually test I have linux154 with two disk could make xfstests.

#3 - 2018-10-23 09:37 - mgriessmeier

ok for that I need to open a request to infra to assign an additional disk to one or two openQA z/VM guests - right now we have that only for development guests.

#4 - 2018-10-23 09:58 - yosun

Thank you, after deploy it, will it named with a special machine type in osd?

#5 - 2018-10-23 11:07 - okurz

- Category set to Infrastructure

#6 - 2018-10-23 11:11 - okurz

- Subject changed from Require a two disk s390x machine type to run xfstests to [functional][u] Require a two disk s390x machine type to run xfstests
- Status changed from New to In Progress
- Assignee set to mgriessmeier
- Target version set to Milestone 20

As mgriessmeier is fine to help with that let's reflect it properly on the qsf-u team's backlog

#7 - 2018-10-26 08:56 - mgriessmeier

- Status changed from In Progress to Blocked

created <https://infra.nue.suse.com/Ticket/Display.html?id=123556&results=a96893c74d69668160a805ef25046bc4>

as request for an additional DASD to LINUX152 and LINUX153

#8 - 2018-11-19 10:00 - mgriessmeier

- Status changed from Blocked to Workable

- Assignee changed from mgriessmeier to yosun

Infra ticket is solved - we have two workers in production now, which have a second disk of the same size at 0.0.0200 (LINUX152 and LINUX153 - openqaworker2:1 and openqaworker2:2)

I suggest the following to ensure that the tests are running on one of those two machines:

- give it a separate worker_class (e.g. s390x-zVM-2disk) in <https://gitlab.suse.de/openqa/salt-pillars-openqa/blob/master/openqa/workerconf.sls>
- create new machine definition based on that worker_class
- schedule jobs accordingly to run on those machines

#9 - 2018-11-19 10:08 - yosun

Thank you, but I'm not sure if I have the permission to create new machine type(s390x-zVM-2disk) in osd. I only feel good to modify in "testsuite" and "job group" pages ;)

Could some one in tools team help to do that please?

#10 - 2018-11-19 10:12 - cachem

yosun wrote:

Thank you, but I'm not sure if I have the permission to create new machine type(s390x-zVM-2disk) in osd. I only feel good to modify in "testsuite" and "job group" pages ;)

Could some one in tools team help to do that please?

@Sero, For sure you can create PR to gitlab for review/merge as well ;)

[mgriessmeier](#), thank you for the help ;)

#11 - 2018-11-19 10:26 - yosun

Good to know it ;)

Merge request has created to add machine type

https://gitlab.suse.de/openqa/salt-pillars-openqa/merge_requests/141

#12 - 2018-11-26 21:35 - okurz

MR merged

#13 - 2018-11-26 21:36 - okurz

- Subject changed from [functional][u] Require a two disk s390x machine type to run xfstests to [kernel] Require a two disk s390x machine type to run xfstests

- Target version changed from Milestone 20 to Milestone 21

#14 - 2018-11-30 07:42 - mgriessmeier

hey,

I've noticed <https://openqa.suse.de/tests/2291162> showing up as incomplete in the functional job group

The issue is that the machine was created with backend svirt instead of s390x.

also, the scheduled job is a create_hdd job which is not possible in z/VM.

I'd suggest the following for the future: please test those new tests/machines in the job development group to not pollute the functional group with incomplete tests

#15 - 2018-11-30 09:15 - yosun

Yes, sure, I disabled it in function job group. I didn't find a example to install zVM, any idea which job is for installing that?

#16 - 2018-11-30 09:18 - mgriessmeier

yosun wrote:

Yes, sure, I disabled it in function job group. I didn't find a example to install zVM, any idea which job is for installing that?

every job which is assigned to s390x-zVM* Machine - but you need to load your tests on top that installation, since we cannot boot from a qcow image

there

#17 - 2019-01-10 01:44 - yosun

- *Target version changed from Milestone 21 to 445*

#18 - 2019-03-08 09:41 - metan

- *Target version changed from 445 to 454*

#19 - 2019-05-06 08:59 - yosun

- *Status changed from Workable to Resolved*

Resolved, deployed xfstests for s390x

#20 - 2020-10-23 13:18 - pcervinka

- *Target version changed from 454 to QE Kernel Done*