openQA Tests - action #9900

[sle][functional][hard][opensuse][y] nis+autofs

2015-12-14 08:40 - lnussel

Status:	Resolved		**Start date:**	2020-04-06
Priority:	Normal		**Due date:**	
Assignee:	JRivrain		**% Done:**	0%
Category:	New test		**Estimated time:**	0.00 hour
Target version:	future			
Difficulty:				

Description

Motivation

our biggest "customer" uses nis+autofs, so we should have a test for that :)

Acceptance criteria

- **AC1:** We have a NIS server+client test in openSUSE TW
- **AC2:** Same as AC1 but for openSUSE Leap 15.2
- **AC3:** Test suites are enabled in development job group first and then moved to the main job group
- **AC4:** Same as AC1 but for SLE 15 DONE: https://openqa.suse.de/tests/1404255
- **AC5:** Same as AC1 but for SLE 12 SP4 DONE: https://openqa.suse.de/tests/1408217#step/nis_client/43

Tasks

- Crosscheck existing NIS tests against manual expectations
- If necessary add new tests / extend existing tests
- Ensure the supported testsuites are called in all products+versions mentioned above

SLE 15 tests can be used as a base:
https://openqa.suse.de/tests/latest?arch=x86_64&version=15-SP1&machine=64bit&test=nis_server&flavor=Installer-DVD&distri=sle
https://openqa.suse.de/tests/latest?flavor=Installer-DVD&distri=sle&test=nis_client&machine=64bit&version=15-SP1&arch=x86_64
Related:

Related issues:			
Related to openQA Tests - action #13252: enable yast2_nis test	**Resolved**	**2016-08-19**	
Related to qe-yast - action #65349: [functional][y][timeboxed:16h] Add valida...	**Resolved**	**2020-04-06**	**2020-06-02**
Blocked by openQA Tests - action #30892: [opensuse][tools]multi-machine worke...	**Resolved**	**2018-01-29**	

History

#1 - 2015-12-14 08:40 - lnussel

- Category set to New test

#2 - 2016-01-15 16:14 - RBrownSUSE

- Checklist set to [ ] SLE, [ ] Leap, [ ] TW

#3 - 2016-03-21 14:07 - zluo

- Assignee set to zluo

#4 - 2016-03-30 13:45 - zluo

- % Done changed from 0 to 100

pull request sent out now

#5 - 2016-04-01 12:24 - RBrownSUSE

- % Done changed from 100 to 80

While I really like the test and it mostly works (75% of the problems we've seen are due to changes in SLE12 SP2 that are NOTHING to do with the test) we've still had to remove the yast2_nis test from main.pm for the following reasons

- it only works on the suse.de network - no one can test anything in Prague or Bejing with it present
- it's reliant on nis.suse.de - this prevents the test being used by openSUSE, which is always a goal if it can be done
- while it is important, it gets in the way of staging. It probably warrants either it's own scenario, or we're going to have to start implementing something like the extra_tests_ scenarios which openSUSE uses for stuff like this

Zaoliang, please make the following changes

- Please make it so this test does not rely on nis.suse.de.
- This might mean making two tests, one to setup a NIS/NFS server, and then connecting the NIS client to it using an improved version of yast2_nis.pm
- I'd accept localhost testing, but this might be an excuse to experiment with openQA's multi-machine testing - Denis is our expect.

This will make the test more flexible in where we put it and how we put it..once we get there I'll hopefully have made a decision about how we put it back in the sle main.pm :)

Thanks

#6 - 2016-09-09 08:09 - lnussel

any update on this one?

#7 - 2016-09-09 08:40 - zluo

No not yet. I need to learn about support server which provides nis server functionality.

#8 - 2016-09-12 08:25 - zluo

- Assignee changed from zluo to dzedro

HI Josef, please take over and help on this test case, thanks!

#9 - 2016-11-08 13:36 - dzedro

- Status changed from New to In Progress

YaST nis code is pretty old, bugs below are blocking progress in openQA test
Existing openQA test https://openqa.suse.de/tests/627400

https://bugzilla.suse.com/show_bug.cgi?id=998965
https://bugzilla.suse.com/show_bug.cgi?id=999873
https://bugzilla.suse.com/show_bug.cgi?id=1005248
https://bugzilla.suse.com/show_bug.cgi?id=1007033

#10 - 2016-11-30 15:26 - okurz

- Related to action #13252: enable yast2_nis test added

#11 - 2016-11-30 15:30 - okurz

- Status changed from In Progress to Feedback

Hi dzedro, zluo now put the yast2_nis module in use, see #13252 for details. It is only used in SLE so it would be great if in this ticket we can focus on openSUSE.

I just checked all bugs you mentioned. There are all in state NEW and I don't see that any immediate action is necessary by you so I guess we are blocked here by others. Setting to feedback to resemble the blocked state, I hope you don't mind

#12 - 2016-12-16 12:01 - okurz

bump

#13 - 2016-12-16 13:09 - dzedro

I don't mind, I will update my existing (green) test with at least one bug to make it fail, maybe somebody will start to push this.

#14 - 2016-12-16 14:24 - okurz

huh? why do you want to make the tests fail? If the bugs are not being worked on you should not make tests fail, rather pass nevertheless e.g. with a softfail. What I see as necessary though is adding a corresponding openSUSE version for tests.

#15 - 2016-12-16 14:29 - dzedro

I can't make something not working just soft fail, but I will try.

#16 - 2017-01-26 08:46 - dzedro

Low prio, no update in openQA and bugs

#17 - 2017-01-26 11:27 - okurz

I also checked the bugs

https://bugzilla.suse.com/show_bug.cgi?id=998965
https://bugzilla.suse.com/show_bug.cgi?id=999873
https://bugzilla.suse.com/show_bug.cgi?id=1005248
https://bugzilla.suse.com/show_bug.cgi?id=1007033

Not any useful progress at all.

But: dzedro: I could not find a recent job example. Possibly because we are restructuring the "extra tests" to be more aligned with the structure on o3. When you say the test is "blocked": Is NIS unusable? If this is the case I think we would need to escalate. If NIS works but the test has different assumptions then it would need to be adjusted to reflect reality. How feasible would this be?

#18 - 2017-03-03 11:00 - okurz

two scenarios now included in Functional: Server on osd: nis_client, nis_server

The four mentioned bugs are still open.

- Can we cross SLE of the list?

- what about openSUSE?

#19 - 2017-06-26 12:42 - dzedro

- Assignee deleted (dzedro)

Green NIS test in openQA is misleading, there are few bugs, the part is not present in existing test
No idea in what state is NIS in openSUSE

#20 - 2017-07-20 08:29 - okurz

- Subject changed from nis+autofs to [sle][functional][opensuse]nis+autofs

#21 - 2017-10-17 13:29 - lnussel

- Due date set to 2017-11-30

Changes in TW broke NIS. So there is a real need for this test!

#22 - 2017-10-17 22:08 - okurz

- Status changed from Feedback to In Progress

"in progress" as in: can be worked on

#23 - 2017-10-24 20:01 - sebchlad

- Target version set to future

Adding the target version: "future" as I would like to schedule this better with the QA SLE Functional team.

#24 - 2017-11-20 11:38 - okurz

- Target version changed from future to Milestone 12

PO+SM want to have it :) Let's try to make it workable then

#25 - 2017-11-21 12:14 - sebchlad

- Assignee set to sebchlad

#26 - 2017-12-05 10:22 - okurz

- Due date changed from 2017-11-30 to 2017-12-19

SR: Please give us another chance for the next sprint :)

#27 - 2018-01-02 09:33 - okurz

- Due date changed from 2017-12-19 to 2018-01-17

#28 - 2018-01-17 09:18 - okurz

- Due date changed from 2018-01-17 to 2018-01-30

- Target version changed from Milestone 12 to Milestone 13

mass-shift of tickets to next sprint due to training on sprint review day

#29 - 2018-01-25 16:56 - okurz

- Subject changed from [sle][functional][opensuse]nis+autofs to [sle][functional][hard][opensuse]nis+autofs

- Description updated

- Assignee changed from sebchlad to okurz

SLE15 currently blocked by https://bugzilla.suse.com/show_bug.cgi?id=1073281 and then #23822

https://openqa.suse.de/tests/1408217#step/nis_client/43 shows the client for SLE 12 SP4 and it actually checks nicely the expectations, e.g. exported home directory over NFS from test user on NIS.

I will try to harmonize the test plan regarding the test modules "nis_server" and "nis_client". "yast2_nis" relies on nis.suse.de, not much we can do here. The challenge though is that currently there are no multi-machine capable workers in the o3 infrastructure. I see the following options:

1. openvswitch+multi-machine o3 workers
2. rewrite tests be one-host only

I asked in #opensuse-factory what we can do about opt. 1.

#30 - 2018-01-25 16:58 - okurz

- Description updated

#31 - 2018-01-29 10:39 - okurz

- Blocked by action #30892: [opensuse][tools]multi-machine worker setup added

#32 - 2018-01-29 10:39 - okurz

- Due date changed from 2018-01-30 to 2018-02-27

- Status changed from In Progress to Blocked

- Target version changed from Milestone 13 to Milestone 14

#33 - 2018-02-27 09:56 - okurz

- Due date deleted (2018-02-27)

- Target version changed from Milestone 14 to Milestone 15

asmorodskyi is working on the subticket to have multi-machine workers in o3 infrastructure. Let's give him some time and review later.

#34 - 2018-04-25 14:55 - okurz

- Subject changed from [sle][functional][hard][opensuse]nis+autofs to [sle][functional][hard][opensuse][y] nis+autofs

- Target version changed from Milestone 15 to Milestone 18

Commented in the blocking ticket but I don't see this happening now so -> M18

#35 - 2018-06-15 18:50 - okurz

- Target version changed from Milestone 18 to Milestone 18

#36 - 2018-08-10 07:56 - okurz

- Target version changed from Milestone 18 to future

if we continue like this in [#30892](#) this will never happen

#37 - 2019-05-22 10:18 - okurz

- Assignee changed from okurz to riafarov

Move to new QSF-y 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-y. Feel free to reassign to me or someone else in this case. Thanks.

#38 - 2019-05-28 11:42 - okurz

- Status changed from Blocked to Workable

[#30892](#) fixed, multi-machine tests are possible on o3

#39 - 2019-05-29 12:41 - riafarov

- Checklist changed from [ ] SLE, [ ] Leap, [ ] TW to [x] SLE, [ ] Leap, [ ] TW

- Description updated

- Due date set to 2019-08-13

- Assignee deleted (riafarov)

#40 - 2019-07-24 07:56 - riafarov

We need to adapt network configuration part, as SLE images use wicked and openSUSE has network manager.

#41 - 2019-07-24 07:56 - riafarov

- Due date changed from 2019-08-13 to 2019-08-27

Targeting remote ssh installation first.

#42 - 2019-08-07 08:23 - riafarov

- Due date changed from 2019-08-27 to 2019-09-10

#43 - 2019-08-07 08:57 - riafarov

- Estimated time set to 8.00 h

#44 - 2019-08-07 09:42 - lnussel

openSUSE Server installations also use wicked, use that one for the server part.

#45 - 2019-08-28 08:55 - riafarov

- Due date changed from 2019-09-10 to 2019-09-24

#46 - 2019-09-11 07:24 - riafarov

- Due date changed from 2019-09-24 to 2019-10-22

- Status changed from Workable to Blocked

- Assignee set to riafarov

Blocked by https://bugzilla.suse.com/show_bug.cgi?id=1149011

#47 - 2019-10-22 10:55 - riafarov

- Due date changed from 2019-10-22 to 2019-12-03

#48 - 2019-12-03 09:54 - riafarov

- Due date changed from 2019-12-03 to 2020-01-14

#49 - 2020-01-14 12:29 - riafarov

- Due date changed from 2020-01-14 to 2020-02-25

- Status changed from Blocked to New

- Assignee deleted (riafarov)

Bug is fixed.

#50 - 2020-02-18 09:54 - riafarov

- Status changed from New to Workable

#51 - 2020-02-18 17:17 - JRivrain

- Assignee set to JRivrain

#52 - 2020-02-25 09:43 - JERiveraMoya

- Due date changed from 2020-02-25 to 2020-03-10

- Status changed from Workable to In Progress

#53 - 2020-03-05 15:02 - JRivrain

I haven't really been working on this, as I worked on some bug reports. What I see so far is I have to rewrite parts of the test to work in opensuse, as opensuse desktop is using NetworkManager. So there are 2 options:
1 - rewrite the network part to work also with NM
2 - use a textmode image as it uses wicked also on opensuse, when not desktop. but then, it also needs a bit of rewrite, as the test is made for desktop

#54 - 2020-03-10 09:51 - JERiveraMoya

- Due date changed from 2020-03-10 to 2020-03-24

#55 - 2020-03-12 13:18 - JRivrain

- Status changed from In Progress to Blocked

https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/9646. This works, but, ticket is blocked because of
https://progress.opensuse.org/issues/64195

#56 - 2020-03-13 13:51 - JRivrain

- Status changed from Blocked to In Progress

The other issue is hopefully fixed for good.

Now, I found this problem, posted on yast's IRC:
Hello, I am testing yast nis_server module on TW, and I see that there are different files mapped in TW and in sle, see TW:
http://waaa-amazing.suse.cz/tests/11777#step/nis_server/48 vs SLE http://waaa-amazing.suse.cz/tests/11773#step/nis_server/51. Does somebody here know why is that so ?

And another: we have a problem in our test, if we compare the screenshot vs the needle here we see that the needle matches, but not all mapped files are selected. So that's a false positive that stays un-detected. Maybe we can address this in a different ticket.

EDIT: for the latter, actually if we check the video, it's working as expected. So that's just that the needle matches too early at 98%.

#57 - 2020-03-13 15:35 - JRivrain

Apparently, the difference between files is due to
https://github.com/yast/yast-nis-server/blob/ed65ef561f14a16705e2ce2e5fd4cee5c8c9dc37/src/include/nis_server/maps.rb#L88, so it's normal. But then how to expect how many of them we should select ?

#58 - 2020-03-24 09:49 - riafarov

- Due date changed from 2020-03-24 to 2020-04-07

Investigating the issue.

#59 - 2020-03-26 15:34 - JRivrain

I reported that bug: https://bugzilla.suse.com/show_bug.cgi?id=1167589. basically the test does not work in TW. We could work around this, but I also found another problem: the already existing workarounds are outdated, we have one soft-failure about firewalld that refers a closed bug, see closure comment here: https://bugzilla.suse.com/show_bug.cgi?id=1083487#c36.

#60 - 2020-03-30 08:57 - JRivrain

PR: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/9646
Added a workaround for the reported bug, removed outdated workarounds that were for closed bugs, or slee<15-sp2 (as it seems like we (qa-sle-y) are the only ones now to use this test suite)

#61 - 2020-04-06 10:40 - JRivrain

- Checklist changed from [x] SLE, [ ] Leap, [ ] TW to [x] SLE, [x] TW

- Status changed from In Progress to Feedback

PR merged, test enabled in TW development group. Discussed with Leap PO, we agreed that in today's context it did not make much sense to test it on Leap. Putting it on feedback until we see if it all works fine.

#62 - 2020-04-09 09:56 - JRivrain

- Status changed from Feedback to Resolved

Test passed in TW and SLE.

#63 - 2020-04-21 15:08 - riafarov

- Related to action #65349: [functional][y][timeboxed:16h] Add validation module for nis mm tests added