openQA Tests - action #61991

[y][functional] Add test module for 'snapper create: branch from different snapshot'

2020-01-10 09:16 - oorlov

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>Start date:</th>
<th>2020-01-10</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td>2020-04-21</td>
</tr>
<tr>
<td>Assignee:</td>
<td>JERiveraMoya</td>
<td>% Done:</td>
<td>0%</td>
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<tr>
<td>Category:</td>
<td>New test</td>
<td>Estimated time:</td>
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<tr>
<td>Target version:</td>
<td>Milestone 32</td>
<td></td>
<td></td>
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<tr>
<td>Difficulty:</td>
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Description
See https://jira.suse.com/browse/SLE-7373 and https://jira.suse.com/browse/SLE-7333 and related progress ticket in case more details is needed.

Automated tests

Test 1 (Read-write snapshot).

Pre-condition: Install OS with btrfs File System and snapshots enabled (or use one of already installed).

1. Create snapshot with --read-write parameter (e.g. `snapper create --read-write -d "Snapshot with read-write")
2. Verify, that the snapshot does not have readonly flag (e.g. btrfs subvolume show /.snapshots/4/snapshot and then check that "Flags:" is ".", because in case if it is read-only, the "Flags: readonly" will be shown).

Test 2 (Create snapshot from another one).

Pre-condition: Install OS with btrfs File System and snapshots enabled (or use one of already installed).

1. Create new snapshot (e.g. `snapper create -d "Parent Snapshot");
2. Create another snapshot, using recently created one as a parent (e.g. snapper create --from <number of parent> -d "Child Snapshot;
3. Verify, that the child snapshot's parent_uuid is the same as parent's uuid (e.g. btrfs subvolume list / -qu).

Test 3 (Message is shown if try to create child snapshot from non existing parent one)

Pre-condition: Install OS with btrfs File System and snapshots enabled (or use one of already installed).

1. Note the number of the existing snapshots (e.g. snapper list);
2. Execute snapper --from command with the snapshot number that does not exist (e.g. snapper --from 100);
3. Verify the output (Expected result: Snapshot '100' not found).

Commands, that might be useful while implementing the test:

1. Show snapper snapshots list: snapper list
2. Show snapshots with btrfs: btrfs subvolume list / -s
4. Change read-write to read-only: btrfs property set /.snapshots/4/snapshot ro true
5. Check parent_uuid: btrfs subvolume list / -qu

Related issues:
Related to openQA Tests - action #60605: [functional][y][SLE-7373][SLE-7333][... Resolved 2019-12-04 2020-01-14

History

#1 - 2020-01-10 09:16 - oorlov
- Related to action #60605: [functional][y][SLE-7373][SLE-7333][timeboxed:30h] snapper create: branch from different snapshot added

#2 - 2020-01-14 16:10 - riafarov
- Due date set to 2020-02-11
- Target version set to Milestone 31
We don't have transactional-update package in SLES yet to test functionality there, as we can simply reuse transactional server installation image.

#3 - 2020-01-29 12:00 - riafarov
- Due date changed from 2020-02-11 to 2020-02-25
- Priority changed from Normal to High

#4 - 2020-02-05 09:13 - riafarov
- Status changed from New to Blocked
- Assignee set to riafarov

Build 314.1 still contains version 2.15-3.3.2 of transactional-update

#5 - 2020-02-19 11:59 - riafarov
- Due date changed from 2020-02-25 to 2020-03-10

#6 - 2020-03-10 14:52 - JERiveraMoya
- Due date changed from 2020-03-10 to 2020-03-24

#7 - 2020-03-11 06:28 - JERiveraMoya
- Status changed from Blocked to Workable
- Assignee deleted (riafarov)

#8 - 2020-03-11 06:47 - JERiveraMoya
- Priority changed from High to Normal

#9 - 2020-03-11 10:12 - JERiveraMoya
- Due date changed from 2020-03-24 to 2020-04-07

#10 - 2020-03-18 07:45 - riafarov
- Target version changed from Milestone 31 to Milestone 32

#11 - 2020-03-25 08:29 - riafarov
- Due date changed from 2020-04-07 to 2020-04-21

#12 - 2020-03-27 09:54 - JERiveraMoya
- Status changed from Workable to In Progress
- Assignee set to JERiveraMoya

#13 - 2020-04-03 11:39 - JERiveraMoya
PR: Enable transactional server tests for SLE

#14 - 2020-04-03 11:39 - JERiveraMoya
- Status changed from In Progress to Feedback

#15 - 2020-04-08 08:35 - riafarov
- Estimated time set to 3.00 h

#16 - 2020-04-15 07:03 - JERiveraMoya
PR: Enable transactional server in vast group

#17 - 2020-04-20 07:26 - JERiveraMoya
- Status changed from Feedback to Resolved