

openQA Infrastructure - action #103530

failed systemd services alert - openqaworker-arm-3 - ovsdb-server size:M

2021-12-06 08:59 - cdywan

Status:	Resolved	Start date:	2021-12-06
Priority:	Normal	Due date:	
Assignee:	okurz	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Ready		

Description

Observation

[failed systemd services alert w/o osd](#) started alerting Sunday 5.24 CEST.

```
2021-12-06 09:36:00      openqaworker-arm-3      ovsdb-server      1
```

sudo journalctl -u ovsdb-server says:

```
openqaworker-arm-3 chown[1907]: /usr/bin/chown: cannot access '/run/openvswitch': No such file or directory
openqaworker-arm-3 ovs-ctl[1912]: /lib/lsb/init-functions: line 8: /etc/rc.status: No such file or directory
```

Acceptance criteria

- **AC1:** no services are failing
- **AC2:** ovsdb-server on openwaworker-arm3 is not failing

Suggestions

- ~Check systemctl status ovsdb-server~
 - journalctl -u
- Investigate what ovsdb-server is and why it failed
- Check automatic upgrade e.g. changed config

History

#1 - 2021-12-06 10:16 - cdywan

- Subject changed from failed systemd services alert - openqaworker-arm-3 - ovsdb-server to failed systemd services alert - openqaworker-arm-3 - ovsdb-server size:M

- Description updated

- Status changed from New to Workable

#2 - 2021-12-06 10:22 - okurz

- Status changed from Workable to In Progress

- Assignee set to okurz

Also when I log in over ssh as okurz I get

```
-bash: /etc/profile: No such file or directory
-bash-4.4$
```

so not the correct prompt. Something more seems to be broken here.

sudo snapper diff 1111..1114 shows that e.g. /etc/bashrc is completely removed. I will try a rollback and clean upgrade.

#3 - 2021-12-06 10:43 - okurz

```
# snapper rollback 1111
Ambit is classic.
```

```
Creating read-only snapshot of current system. (Snapshot 1115.)
Creating read-write snapshot of snapshot 1111. (Snapshot 1116.)
Setting default subvolume to snapshot 1116.
bash-4.4# reboot
```

back to a working bash prompt.

I executed

```
host=openqa.suse.de WORKER=openqaworker-arm-3 failed_since=2021-12-04 bash -ex openqa-advanced-retrigger-jobs
```

which retriggered a handful of tests, not too many.

Did a zypper dup which brought in some minor updates.

Taking a look into /var/log/zypp/history to see if there is something broken reported there:

```
2021-12-04 03:01:51|command|root@openqaworker-arm-3|'zypper' '-n' '--non-interactive-include-reboot-patches' '
patch' '--replacefiles' '--auto-agree-with-licenses' '--force-resolution' '--download-in-advance'|
2021-12-04 03:01:51|install|salt|3002.2-53.4.1|aarch64||repo-sle-update|a5de12a911422a3ca27aa124cc97188b4a7847
d256c3a7d0df14efbf3b195891|
2021-12-04 03:02:08|install|python3-salt|3002.2-53.4.1|aarch64||repo-sle-update|6a675324eb22c93f6a084546defabe
d5976503f06e1cb413d8616ca8f9007a0b|
2021-12-04 03:02:32|install|salt-minion|3002.2-53.4.1|aarch64||repo-sle-update|a0d0ecd602e9e3254e69c0bd94ec423
b13fe3704b3e119c3084cce0986alde42|
2021-12-04 03:02:32|patch |openSUSE-SLE-15.3-2021-3922|1|noarch|repo-sle-update|moderate|recommended|needed|a
plied|
2021-12-06 03:00:26|command|root@openqaworker-arm-3|'zypper' '-n' '--non-interactive-include-reboot-patches' '
patch' '--replacefiles' '--auto-agree-with-licenses' '--force-resolution' '--download-in-advance'|
# 2021-12-06 03:00:31 aaa_base-extras-84.87+git20180409.04c9dae-3.52.1.aarch64.rpm installed ok
# Additional rpm output:
# Updating /etc/sysconfig/backup ...
#
2021-12-06 03:00:31|install|aaa_base-extras|84.87+git20180409.04c9dae-3.52.1|aarch64||repo-sle-update|9b78a014
4c68c730b96e341b7c57e6397bf905e47050a6b89b67e141173b37a5|
2021-12-06 03:00:32|install|keyutils|1.6.3-5.6.1|aarch64||repo-sle-update|f2ed82f8419bc63161bf91d7af39b84675ed
5ae308b801077da2c48bb435a6c8|
2021-12-06 03:00:32|install|release-notes-sles|15.3.20211201-3.17.1|noarch||repo-sle-update|fa3c1ec35f2e768b50
3d4cc25768e417b39990266ea46fb4bd8f2829fa222546|
2021-12-06 03:00:32|patch |openSUSE-SLE-15.3-2021-3899|1|noarch|repo-sle-update|moderate|security|needed|appl
ied|
2021-12-06 03:00:32|patch |openSUSE-SLE-15.3-2021-3891|1|noarch|repo-sle-update|moderate|recommended|needed|a
plied|
2021-12-06 03:00:32|patch |openSUSE-SLE-15.3-2021-3896|1|noarch|repo-sle-update|low|recommended|needed|applie
d|
```

nothing obvious. Now two services failed logrotate and snapper-cleanup. logrotate failed due to rotate target files already existing for the same day, obviously because before the rotate those archives had been created already. This could be fixed by a simple restart with `systemctl start logrotate` where subsequent `systemctl status logrotate` shows green status again. snapper-cleanup fails and `snapper -v cleanup` number shows that it fails to delete snapshot nr. 1. This looks very related to [#102942](#)

`btrfs subvolume list` / | `grep btrfs` shows

```
ID 1207 gen 2205973 top level 259 path @/.snapshots/1/snapshot/var/lib/containers/storage/btrfs/subvolumes/f14
0b3cbd9d1062ecafbd05115442711aaa23b9c576e57a11a8850a37ac875f2
```

so I did

```
openqaworker-arm-3:/home/okurz # btrfs subvolume delete /.snapshots/1/snapshot/var/lib/containers/storage/btrf
s/subvolumes/f140b3cbd9d1062ecafbd05115442711aaa23b9c576e57a11a8850a37ac875f2
Delete subvolume (no-commit): '/.snapshots/1/snapshot/var/lib/containers/storage/btrfs/subvolumes/f140b3cbd9d1
062ecafbd05115442711aaa23b9c576e57a11a8850a37ac875f2'
openqaworker-arm-3:/home/okurz # snapper delete 1
openqaworker-arm-3:/home/okurz # systemctl start snapper-cleanup
openqaworker-arm-3:/home/okurz # systemctl status snapper-cleanup
● snapper-cleanup.service - Daily Cleanup of Snapper Snapshots
   Loaded: loaded (/usr/lib/systemd/system/snapper-cleanup.service; static)
   Active: active (running) since Mon 2021-12-06 12:06:15 CET; 5s ago
 TriggeredBy: ● snapper-cleanup.timer
     Docs: man:snapper(8)
           man:snapper-configs(5)
   Main PID: 12908 (systemd-helper)
     Tasks: 1 (limit: 14745)
    CGroup: /system.slice/snapper-cleanup.service
            └─12908 /usr/lib/snapper/systemd-helper --cleanup
```

```
Dec 06 12:06:15 openqaworker-arm-3 systemd[1]: Started Daily Cleanup of Snapper Snapshots.  
Dec 06 12:06:17 openqaworker-arm-3 systemd-helper[12908]: running cleanup for 'root'.  
Dec 06 12:06:17 openqaworker-arm-3 systemd-helper[12908]: running number cleanup for 'root'.
```

and all good again.

#4 - 2021-12-06 11:08 - okurz

- *Status changed from In Progress to Resolved*

openqaworker-arm-3 is happily working on jobs, e.g. <https://openqa.suse.de/tests/7791013>

<https://monitor.qa.suse.de/d/KToPYLEWz/failed-systemd-services?orgId=1&editPanel=6&tab=alert> shows no failed systemd services so all good