Cellular Network Infrastructure - Bug #5453

debian 10 x32: apt is broken in debian bullseye docker images

02/11/2022 01:37 PM - osmith

Status: Stalled
Priority: Normal
Assignee: laforge
Category: Target version: 
Spec Reference: 

Description
apt is failing in debian bullseye images on the raspberry pis:

W: GPG error: http://security.debian.org/debian-security bullseye-security InRelease: At least one invalid signature was encountered

To fix this, we need to upgrade libseccomp to 2.4.2 or newer and Docker to 19.03.9 or newer.


The raspberries still run a raspbian based on debian 10, where these newer version are not available. They are available in debian 11.

History

#2 - 02/21/2022 09:17 AM - osmith
- Checklist item [] upgrade raspberry pis to raspbian 11 added
Checklist item [] skip building debian 11 based docker image in gtp0-deb10build32 as workaround added
Checklist item [] replace gtp0-deb10build32 lxc with a debian 11 based lxc added
- Subject changed from raspberry pis: apt is broken in debian bullseye docker images to debian 10 x32: apt is broken in debian bullseye docker images
- Status changed from New to In Progress
- % Done changed from 0 to 30

Since this recently merged patch, we are building a debian 11 based debian-bullseye-erlang image as part of the update-osmo-ci-on-slaves jenkins job.

As a result, this job is now failing for all raspberry pis. And also for gtp0-deb10build32.

I'm upgrading the raspberries from raspbian 10 to 11 to fix it there.

For gtp0-deb10build32 we should probably create a new lxc container with deb11 in the name and retire the old one, but I can't do that as I don't have root permissions on gtp0. As a workaround, here is a patch that skips generating that docker image on debian 10 x86:
https://gerrit.osmocom.org/c/osmo-ci/+/27265

After this is merged, and I'm finished with upgrading the raspberry pis, the job should not fail anymore.

#3 - 02/21/2022 04:15 PM - osmith
- Checklist item [x] upgrade raspberry pis to raspbian 11 set to Done
Checklist item [x] skip building debian 11 based docker image in gtp0-deb10build32 as workaround set to Done
- Status changed from In Progress to Stalled
- Assignee changed from osmith to laforge
- % Done changed from 30 to 70

Raspberries upgraded, workaround for gtp0-deb10build32 is merged. The jenkins job should be passing again.

Assigning to Harald, as I currently can't replace the gtp0 lxc due to lack of permissions.

03/10/2022