CCGX - Developer migration notes for swupdate

What is swupdate?

swupdate is the name of the tool we use for image updates. Image updates? Yes, previously the CCGX firmware updates were all done with packages. Not anymore, finally!

For the advantages of image based updating over package based updating, see: swupupdate-project#features-for-in-the-change-log.

To learn more background and details, read the rest of that same page.

What has changed for developers?

- the set-feed.sh script is now here: `/opt/victronenergy/swupdate-scripts/`
- the root-password will be removed after every update. See here for how to arrange root access again.
- ssh keys will be maintained: so that is what you should use!
- everything not in the /data partition will be gone after an update

What happens during the manual one-time upgrade of a CCGX? (v1.xx to v2.xx)

The upgrade procedure is described here: CCGX: Upgrading to v2.

1. It saves the contents of the old /data partition
2. Formats most of the nand storage, without touching the bootloader, and creates several volumes: kernel1, kernel2, rootfs1, rootfs2, data, etcetera.
3. Restores the data partition on the new partition

For even more details see the swupdate script.

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