

E12 Release Notes for 1.0.10

1/25/17

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Introduction

This document describes all changes introduced in the E12 stock firmware SD card image version 1.0.10.

Numbering of E12 Releases

The E12 follows the X.Y.Z versioning system, where X is the major version which may be incompatible with prior versions, Y is the minor version which adds backward compatible functionality, and Z is the patch level. Note that while the collective package is release 1.0.10, individual elements within the package typically have their own release numbers.

Overview of 1.0.10

- This is the third E12 release candidate package. The rootfs used was version 1.1.0-1.
- Now has a five second boot delay on first boot only.
- eMMC image filename is now [BOARDNAME]-mmc-imagefile-[VERSION].img.gz
- Updated to e12-leds-1.0.4 - you no longer have to be root to change the LED status; the LEDs are owned by the "gpio" group which you can selectively add users to.
- Updated to installer version 1.1.8-11
 - Uses the new eMMC name scheme and sets the one time boot delay appropriately
- Updated to the newest snapconnect, snaptoolbelt, and snapbuild:
 - snapconnect==3.6.1
 - snaptoolbelt==2.0.1
 - snapbuild==2.4.0
 - flasher==1.1.0
 - snappy==2.8.0
 - synapse-mock-tools==0.0.2
 - snapconnect-futures==6.0.0
- Fixed snap0 on the E12, and the inverted snap0 and snap1 on the E20.

- Added snap-firmware 2.7.2 and 2.8.2
- Updated the E12 to 40-uboot-e12-v2014.10-17-g1e5be2b
 - Updated to set the bootdelay to zero on first boot.
- Updated permissions on /home/snap to 0750
- Updated permissions on /etc/shadow to 0640
- APT packages updated to address CVES:

```

dbus==1.6.18-0ubuntu4.4
dbus-x11==1.6.18-0ubuntu4.4
libdbus-1-3:armhf==1.6.18-0ubuntu4.4
libdbus-glib-1-2:armhf==0.100.2-1
libnih-dbus1:armhf==1.0.3-4ubuntu25
libcurl3:armhf==7.35.0-1ubuntu2.10
libcurl3-gnutls:armhf==7.35.0-1ubuntu2.10
libcurl3-nss:armhf==7.35.0-1ubuntu2.10
libcurl3-gnutls:armhf==7.35.0-1ubuntu2.10
libcurl3-nss:armhf==7.35.0-1ubuntu2.10
libdbus-1-3:armhf==1.6.18-0ubuntu4.4
libexpat1:armhf==2.1.0-4ubuntu1.3
libexpat1-dev:armhf==2.1.0-4ubuntu1.3
libidn11:armhf==1.28-1ubuntu2.1
libpython2.7:armhf==2.7.6-8ubuntu0.3
libpython2.7-dev:armhf==2.7.6-8ubuntu0.3
libpython2.7-minimal:armhf==2.7.6-8ubuntu0.3
libpython2.7-stdlib:armhf==2.7.6-8ubuntu0.3
libpython2.7-minimal:armhf==2.7.6-8ubuntu0.3
libpython2.7-stdlib:armhf==2.7.6-8ubuntu0.3
libpython3.4:armhf==3.4.3-1ubuntu1~14.04.5
libpython3.4-minimal:armhf==3.4.3-1ubuntu1~14.04.5
libpython3.4-stdlib:armhf==3.4.3-1ubuntu1~14.04.5
libpython3.4-minimal:armhf==3.4.3-1ubuntu1~14.04.5
libpython3.4-stdlib:armhf==3.4.3-1ubuntu1~14.04.5
libxmlrpc-core-c3==1.33.06-0ubuntu1
openssh-server==1:6.6p1-2ubuntu2.8
libpython2.7:armhf==2.7.6-8ubuntu0.3
libpython2.7-dev:armhf==2.7.6-8ubuntu0.3
libpython2.7-minimal:armhf==2.7.6-8ubuntu0.3
libpython2.7-stdlib:armhf==2.7.6-8ubuntu0.3
python2.7==2.7.6-8ubuntu0.3
python2.7-dev==2.7.6-8ubuntu0.3
python2.7-minimal==2.7.6-8ubuntu0.3
libpython2.7-minimal:armhf==2.7.6-8ubuntu0.3
python2.7-minimal==2.7.6-8ubuntu0.3
libpython3.4:armhf==3.4.3-1ubuntu1~14.04.5
libpython3.4-minimal:armhf==3.4.3-1ubuntu1~14.04.5
libpython3.4-stdlib:armhf==3.4.3-1ubuntu1~14.04.5

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python3.4==3.4.3-1ubuntu1~14.04.5
python3.4-minimal==3.4.3-1ubuntu1~14.04.5
libpython3.4-minimal:armhf==3.4.3-1ubuntu1~14.04.5
python3.4-minimal==3.4.3-1ubuntu1~14.04.5
tar==1.27.1-1ubuntu0.1
upstart==1.12.1-0ubuntu4.2
vim==2:7.4.052-1ubuntu3.1
vim-common==2:7.4.052-1ubuntu3.1
vim-gnome==2:7.4.052-1ubuntu3.1
vim-gui-common==2:7.4.052-1ubuntu3.1
vim-runtime==2:7.4.052-1ubuntu3.1
vim-tiny==2:7.4.052-1ubuntu3.1
vim-common==2:7.4.052-1ubuntu3.1
vim-gui-common==2:7.4.052-1ubuntu3.1
vim-runtime==2:7.4.052-1ubuntu3.1
wget==1.15-1ubuntu1.14.04.2
```

References

E12 Software Binaries	114-001926-000-A001
E12 Software Installation Document	114-001925-000-A001