pi4-gitops-v2-bookworm-arm64

Release 2024-05-03-1512

The edi-pi Project Team

May 03, 2024

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ONE

SETUP

Component	Setup
Ansible	2.16.3
Configuration	pi4-gitops-v2
edi	1.19.0+u2404
Project SCM revision	d7913ec3cab6f29974edbcdd62bb6f0d5e199c91

TWO

VERSIONS

Package	Version
adduser	3.134
ansible-core	2.14.3-1
apt	2.6.1
base-files	12.4+deb12u5
base-passwd	3.6.1
bash	5.2.15-2+b2
bsdutils	1:2.38.1-5+deb12u1
ca-certificates	20230311
coreutils	9.1-1
cpio	2.13+dfsg-7.1
curl	7.88.1-10+deb12u5
dash	0.5.12-2
dbus	1.14.10-1~deb12u1
dbus-bin	1.14.10-1~deb12u1
dbus-daemon	1.14.10-1~deb12u1
dbus-session-bus-common	1.14.10-1~deb12u1
dbus-system-bus-common	1.14.10-1~deb12u1
debconf	1.5.82
debian-archive-keyring	2023.3+deb12u1
debianutils	5.7-0.5~deb12u1
diffutils	1:3.8-4
distro-info-data	0.58+deb12u1
dmsetup	2:1.02.185-2
dosfstools	4.2-1
dpkg	1.21.22
e2fsprogs	1.47.0-2
edi-boot-shim	1.4.0+deb12
fdisk	2.38.1-5+deb12u1
findutils	4.9.0-4
firmware-brcm80211	1:20230210-5+rpt2
gcc-12-base	12.2.0-14
gpgv	2.2.40-1.1
grep	3.8-5
gzip	1.12-1
haveged	1.9.14-1+b1
hostname	3.23+nmu1
ieee-data	20220827.1
init-system-helpers	1.65.2

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Package	Version
initramfs-tools	0.142
initramfs-tools-core	0.142
iproute2	6.1.0-3
jq	1.6-2.1
klibc-utils	2.0.12-1
kmod	30+20221128-1
libacl1	2.3.1-3
libapparmor1	3.0.8-3
libapt-pkg6.0	2.6.1
libargon2-1	0~20171227-0.3+deb12u1
libattr1	1:2.5.1-4
libaudit-common	1:3.0.9-1
libaudit1	1:3.0.9-1
libblkid1	2.38.1-5+deb12u1
libbluetooth3	5.66-1+deb12u1
libbpf1	1:1.1.0-1
libbrotli1	1.0.9-2+b6
libbsd0	0.11.7-2
libbz2-1.0	1.0.8-5+b1
libc-bin	2.36-9+deb12u6
libc6	2.36-9+deb12u6
libcap-ng0	0.8.3-1+b3
libcap2	1:2.66-4
libcap2-bin	1:2.66-4
libcbor0.8	0.8.0-2+b1
libcom-err2	1.47.0-2
libcrypt1	1:4.4.33-2
libcryptsetup12	2:2.6.1-4~deb12u2
libcurl3-gnutls	7.88.1-10+deb12u5
libcurl4	7.88.1-10+deb12u5
libdb5.3	5.3.28+dfsg2-1
libdbus-1-3	1.14.10-1~deb12u1
libdebconfclient0	0.270
libdevmapper1.02.1	2:1.02.185-2
libduktape207	2.7.0-2
libedit2	3.1-20221030-2
libelf1	0.188-2.1
libexpat1	2.5.0-1
libext2fs2	1.47.0-2
libfdisk1	2.38.1-5+deb12u1
libffi8	3.4.4-1
libfido2-1	1.12.0-2+b1
libfile-find-rule-perl	0.34-3
libgcc-s1	12.2.0-14
libgcrypt20	1.10.1-3
libgdbm-compat4	1.23-3
libgdbm6	1.23-3
libglib2.0-0	2.74.6-2
libgmp10	2:6.2.1+dfsg1-1.1
libgnutls30	3.7.9-2+deb12u2

Table 1 – continued from previous page

Package	Version
libgpg-error0	1.46-1
libgssapi-krb5-2	1.20.1-2+deb12u1
libhavege2	1.9.14-1+b1
libhogweed6	3.8.1-2
libidn2-0	2.3.3-1+b1
libip4tc2	1.8.9-2
libjansson4	2.14-2
libjq1	1.6-2.1
libjson-c5	0.16-2
libk5crypto3	1.20.1-2+deb12u1
libkeyutils1	1.6.3-2
libklibc	2.0.12-1
libkmod2	30+20221128-1
libkrb5-3	1.20.1-2+deb12u1
libkrb5support0	1.20.1-2+deb12u1
libldap-2.5-0	2.5.13+dfsg-5
liblz4-1	1.9.4-1
liblzma5	5.4.1-0.2
libmd0	1.0.4-2
libmm-glib0	1.20.4-1
libmnl0	1.0.4-3
libmount1	2.38.1-5+deb12u1
libncursesw6	6.4-4
libndp0	1.8-1
libnettle8	3.8.1-2
libnewt0.52	0.52.23-1+b1
libnghttp2-14	1.52.0-1+deb12u1
libnl-3-200	3.7.0-0.2+b1
libnl-genl-3-200	3.7.0-0.2+b1
libnl-route-3-200	3.7.0-0.2+b1
libnm0	1.42.4-1
libnsl2	1.3.0-2
libnumber-compare-perl	0.03-3
libonig5	6.9.8-1
libp11-kit0	0.24.1-2
libpam-modules	1.5.2-6+deb12u1
libpam-modules-bin	1.5.2-6+deb12u1
libpam-runtime	1.5.2-6+deb12u1
libpam-systemd	252.22-1~deb12u1
libpam0g	1.5.2-6+deb12u1
libparted2	3.5-3
libpcre2-8-0	10.42-1
libpcsclite1	1.9.9-2
libperl5.36	5.36.0-7+deb12u1
libpolkit-agent-1-0	122-3
libpolkit-gobject-1-0	122-3
libproc2-0	2:4.0.2-3
libpsl5	0.21.2-1
libpython3-stdlib	3.11.2-1+b1
libpython3.11-minimal	3.11.2-6

Table 1 – continued from previous page

Package	Version
libpython3.11-stdlib	3.11.2-6
libreadline8	8.2-1.3
librtmp1	2.4+20151223.gitfa8646d.1-2+b2
libsasl2-2	2.1.28+dfsg-10
libsasl2-modules-db	2.1.28+dfsg-10
libseccomp2	2.5.4-1+b3
libselinux1	3.4-1+b6
libsemanage-common	3.4-1
libsemanage2	3.4-1+b5
libsepol2	3.4-2.1
libslang2	2.3.3-3
libsmartcols1	2.38.1-5+deb12u1
libsqlite3-0	3.40.1-2
libss2	1.47.0-2
libssh2-1	1.10.0-3+b1
libssl3	3.0.11-1~deb12u2
libstdc++6	12.2.0-14
libsystemd-shared	252.22-1~deb12u1
libsystemd0	252.22-1~deb12u1
libtasn1-6	4.19.0-2
libteamdctl0	1.31-1
libtext-glob-perl	0.11-3
libtinfo6	6.4-4
libtirpc-common	1.3.3+ds-1
libtirpc3	1.3.3+ds-1
libudev1	252.22-1~deb12u1
libunistring2	1.0-2
libuuid1	2.38.1-5+deb12u1
libwrap0	7.6.q-32
libxtables12	1.8.9-2
libxxhash0	0.8.1-1
libyaml-0-2	0.2.5-1
libzstd1	1.5.4+dfsg2-5
linux-base	4.9
linux-image-6.1.63-v8+	6.1.63-v8+-1
login	1:4.13+dfsg1-1+b1
logsave	1.47.0-2
mawk	1.3.4.20200120-3.1
media-types	10.0.0
mender-client	3.4.0-1+debian+bookworm
mender-configure	1.0.4-1+debian+bookworm
mender-connect	2.1.0-1+debian+bookworm
mount	2.38.1-5+deb12u1
ncurses-base	6.4-4
ncurses-bin	6.4-4
netbase	6.4
network-manager	1.42.4-1
openssh-client	1:9.2p1-2+deb12u2
openssh-server	1:9.2p1-2+deb12u2
openssh-sftp-server	1:9.2p1-2+deb12u2

Table 1 – continued from previous page

Package	Version
openssl	3.0.11-1~deb12u2
parted	3.5-3
passwd	1:4.13+dfsg1-1+b1
perl	5.36.0-7+deb12u1
perl-base	5.36.0-7+deb12u1
perl-modules-5.36	5.36.0-7+deb12u1
polkitd	122-3
procps	2:4.0.2-3
python-apt-common	2.6.0
python3	3.11.2-1+b1
python3-apt	2.6.0
python3-cffi-backend	1.15.1-5+b1
python3-cryptography	38.0.4-3
python3-distutils	3.11.2-3
python3-dnspython	2.3.0-1
python3-httplib2	0.20.4-3
python3-jinja2	3.1.2-1
python3-lib2to3	3.11.2-3
python3-markupsafe	2.1.2-1+b1
python3-minimal	3.11.2-1+b1
python3-netaddr	0.8.0-2
python3-packaging	23.0-1
python3-pycryptodome	3.11.0+dfsg1-4
python3-pyparsing	3.0.9-1
python3-resolvelib	0.9.0-2
python3-yaml	6.0-3+b2
python3.11	3.11.2-6
python3.11-minimal	3.11.2-6
readline-common	8.2-1.3
runit-helper	2.15.2
sed	4.9-1
sensible-utils	0.0.17+nmu1
sgml-base	1.31
sudo	1.9.13p3-1+deb12u1
systemd	252.22-1~deb12u1
systemd-sysv	252.22-1~deb12u1
systemd-timesyncd	252.22-1~deb12u1
sysvinit-utils	3.06-4
tar	1.34+dfsg-1.2+deb12u1
tzdata	2024a-0+deb12u1
ucf	3.0043+nmu1
udev	252.22-1~deb12u1
usrmerge	37~deb12u1
util-linux	2.38.1-5+deb12u1
util-linux-extra	2.38.1-5+deb12u1
wpasupplicant	2:2.10-12
xml-core	0.18+nmu1
zlib1g	1:1.2.13.dfsg-1

CHANGELOG

3.1 base-files

3.1.1 12.4+deb12u5 - 28. January 2024

- Change /etc/debian_version to 12.5, for Debian 12.5 point release.

3.1.2 12.4+deb12u4 - 09. December 2023

- Change /etc/debian_version to 12.4, for Debian 12.4 point release.

3.1.3 12.4+deb12u3 - 02. December 2023

- Change /etc/debian_version to 12.3, for Debian 12.3 point release.

3.1.4 12.4+deb12u2 - 29. September 2023

- Change /etc/debian_version to 12.2, for Debian 12.2 point release.

3.1.5 12.4+deb12u1 - 14. July 2023

- Change /etc/debian_version to 12.1, for Debian 12.1 point release.

3.2 curl

3.2.1 7.88.1-10+deb12u5 - 10. December 2023

- Add patches to fix CVE-2023-46218 and CVE-2023-46219
- d/rules: set CURL_PATCHSTAMP to packages version, so it shows up in –version output

3.2.2 7.88.1-10+deb12u4 - 05. October 2023

- Add patches to fix CVE-2023-38545 and CVE-2023-38546

3.2.3 7.88.1-10+deb12u3 - 15. September 2023

- Team upload.

Andreas Hasenack

- Move ldap-test to a script and add retry logic.

Carlos Henrique Lima Melara

- Fix CVE-2023-38039: HTTP headers eat all memory. - Done by debian/patches/CVE-2023-38039.patch.

3.2.4 7.88.1-10+deb12u2 - 25. July 2023

- Team upload.
- LDAP backend: correct the usage of OpenLDAP-specific functionality being disabled with an upstream patch (Closes: #1041964) This corrects the improper fetching of binary attributes.
- debian/tests: add a DEP-8 test that getting binary LDAP attributes works now

3.2.5 7.88.1-10+deb12u1 - 23. July 2023

- Team upload.
- Fix CVE-2023-32001: TOCTOU race condition in Curl_fopen():
    - Done by d/p/CVE-2023-32001.patch (Closes: #1041812).

3.3 dbus

3.3.1 1.14.10-1~deb12u1 - 16. September 2023

- Rebuild for bookworm

3.3.2 1.14.10-1 - 01. September 2023

- New upstream stable release
    - Fix a dbus-daemon crash during policy reload if a connection belongs to a user account that has been deleted, or if a Name Service Switch plugin is broken, on kernels not supporting SO_PEERGROUPS
    - Report the error correctly if getting the groups of a uid fails
    - If a connection has a primary group ID but no supplementary groups, report the primary group ID in GetConnectionCredentials() UnixGroupIDs field

- dbus-user-session: Copy XDG_CURRENT_DESKTOP to activation environment. Previously this was only done if dbus-x11 was installed. This is needed by various freedesktop.org specifications, in particular for xdg-desktop-portal (>= 1.17) to choose the correct portal backend for a desktop session. Some session managers like gnome-session and plasma-workspace already upload this into the activation environment, but many older or simpler session managers do not.

3.3.3 1.14.8-2~deb12u1 - 11. July 2023

- Rebuild for bookworm

3.3.4 1.14.8-2 - 11. July 2023

- dbus-daemon.postinst: Stop trying to take DPKG_ROOT into account. This unintentionally disabled the code path that would copy systemds /etc/machine-id in preference to creating an entirely new machine ID. (Closes: #1040790)
- d/tests: Add test coverage for #1040790

3.3.5 1.14.8-1~deb12u1 - 11. June 2023

- Rebuild for bookworm
- d/gbp.conf: Use debian/bookworm branch
- d/watch: Only watch for 1.14.x releases

3.4 dbus-bin

3.4.1 1.14.10-1~deb12u1 - 16. September 2023

- Rebuild for bookworm

3.4.2 1.14.10-1 - 01. September 2023

- New upstream stable release
  - Fix a dbus-daemon crash during policy reload if a connection belongs to a user account that has been deleted, or if a Name Service Switch plugin is broken, on kernels not supporting SO_PEERGROUPS
  - Report the error correctly if getting the groups of a uid fails
  - If a connection has a primary group ID but no supplementary groups, report the primary group ID in GetConnectionCredentials() UnixGroupIDs field
- dbus-user-session: Copy XDG_CURRENT_DESKTOP to activation environment. Previously this was only done if dbus-x11 was installed. This is needed by various freedesktop.org specifications, in particular for xdg-desktop-portal (>= 1.17) to choose the correct portal backend for a desktop session. Some session managers like gnome-session and plasma-workspace already upload this into the activation environment, but many older or simpler session managers do not.

3.4.3 1.14.8-2~deb12u1 - 11. July 2023

- Rebuild for bookworm

3.4.4 1.14.8-2 - 11. July 2023

- dbus-daemon.postinst: Stop trying to take DPKG_ROOT into account. This unintentionally disabled the code path that would copy systemds /etc/machine-id in preference to creating an entirely new machine ID. (Closes: #1040790)
- d/tests: Add test coverage for #1040790

3.4.5 1.14.8-1~deb12u1 - 11. June 2023

- Rebuild for bookworm
- d/gbp.conf: Use debian/bookworm branch
- d/watch: Only watch for 1.14.x releases

3.5 dbus-daemon

3.5.1 1.14.10-1~deb12u1 - 16. September 2023

- Rebuild for bookworm

3.5.2 1.14.10-1 - 01. September 2023

- New upstream stable release
  - Fix a dbus-daemon crash during policy reload if a connection belongs to a user account that has been deleted, or if a Name Service Switch plugin is broken, on kernels not supporting SO_PEERGROUPS
  - Report the error correctly if getting the groups of a uid fails
  - If a connection has a primary group ID but no supplementary groups, report the primary group ID in GetConnectionCredentials() UnixGroupIDs field
- dbus-user-session: Copy XDG_CURRENT_DESKTOP to activation environment. Previously this was only done if dbus-x11 was installed. This is needed by various freedesktop.org specifications, in particular for xdg-desktop-portal (>= 1.17) to choose the correct portal backend for a desktop session. Some session managers like gnome-session and plasma-workspace already upload this into the activation environment, but many older or simpler session managers do not.

3.5.3 1.14.8-2∼deb12u1 - 11. July 2023

- Rebuild for bookworm

3.5.4 1.14.8-2 - 11. July 2023

- dbus-daemon.postinst: Stop trying to take DPKG_ROOT into account. This unintentionally disabled the code path that would copy systemds /etc/machine-id in preference to creating an entirely new machine ID. (Closes: #1040790)
- d/tests: Add test coverage for #1040790

3.5.5 1.14.8-1∼deb12u1 - 11. June 2023

- Rebuild for bookworm
- d/gbp.conf: Use debian/bookworm branch
- d/watch: Only watch for 1.14.x releases

3.6 dbus-session-bus-common

3.6.1 1.14.10-1∼deb12u1 - 16. September 2023

- Rebuild for bookworm

3.6.2 1.14.10-1 - 01. September 2023

- New upstream stable release
  - Fix a dbus-daemon crash during policy reload if a connection belongs to a user account that has been deleted, or if a Name Service Switch plugin is broken, on kernels not supporting SO_PEERGROUPS
  - Report the error correctly if getting the groups of a uid fails
  - If a connection has a primary group ID but no supplementary groups, report the primary group ID in GetConnectionCredentials() UnixGroupIDs field
- dbus-user-session: Copy XDG_CURRENT_DESKTOP to activation environment. Previously this was only done if dbus-x11 was installed. This is needed by various freedesktop.org specifications, in particular for xdg-desktop-portal (>= 1.17) to choose the correct portal backend for a desktop session. Some session managers like gnome-session and plasma-workspace already upload this into the activation environment, but many older or simpler session managers do not.

3.6.3 1.14.8-2~deb12u1 - 11. July 2023

- Rebuild for bookworm

3.6.4 1.14.8-2 - 11. July 2023

- dbus-daemon.postinst: Stop trying to take DPKG_ROOT into account. This unintentionally disabled the code path that would copy systemds /etc/machine-id in preference to creating an entirely new machine ID. (Closes: #1040790)
- d/tests: Add test coverage for #1040790

3.6.5 1.14.8-1~deb12u1 - 11. June 2023

- Rebuild for bookworm
- d/gbp.conf: Use debian/bookworm branch
- d/watch: Only watch for 1.14.x releases

3.7 dbus-system-bus-common

3.7.1 1.14.10-1~deb12u1 - 16. September 2023

- Rebuild for bookworm

3.7.2 1.14.10-1 - 01. September 2023

- New upstream stable release
  - Fix a dbus-daemon crash during policy reload if a connection belongs to a user account that has been deleted, or if a Name Service Switch plugin is broken, on kernels not supporting SO_PEERGROUPS
  - Report the error correctly if getting the groups of a uid fails
  - If a connection has a primary group ID but no supplementary groups, report the primary group ID in GetConnectionCredentials() UnixGroupIDs field
- dbus-user-session: Copy XDG_CURRENT_DESKTOP to activation environment. Previously this was only done if dbus-x11 was installed. This is needed by various freedesktop.org specifications, in particular for xdg-desktop-portal (>= 1.17) to choose the correct portal backend for a desktop session. Some session managers like gnome-session and plasma-workspace already upload this into the activation environment, but many older or simpler session managers do not.

3.7.3 1.14.8-2~deb12u1 - 11. July 2023

- Rebuild for bookworm

3.7.4 1.14.8-2 - 11. July 2023

- dbus-daemon.postinst: Stop trying to take DPKG_ROOT into account. This unintentionally disabled the code path that would copy systemds /etc/machine-id in preference to creating an entirely new machine ID. (Closes: #1040790)
- d/tests: Add test coverage for #1040790

3.7.5 1.14.8-1~deb12u1 - 11. June 2023

- Rebuild for bookworm
- d/gbp.conf: Use debian/bookworm branch
- d/watch: Only watch for 1.14.x releases

3.8 debian-archive-keyring

3.8.1 2023.3+deb12u1 - 30. July 2023

- Clean up leftover keyrings in trusted.gpg.d
- Adjust keyring cleanup versions for a stable update

3.9 debianutils

3.9.1 5.7-0.5~deb12u1 - 29. July 2023

- Rebuild for bookworm.

3.9.2 5.7-0.5 - 22. June 2023

- Non-maintainer upload.
- update-shells: Do not create duplicate entries in /etc/shells.
- update-shells: Manage (/usr)/bin/sh in the state file.
- update-shells: Fix canonicalization of shells in aliased locations. (Closes: #1035820)

3.10 distro-info-data

3.10.1 0.58+deb12u1 - 29. October 2023

- Update data to 0.59:
  - Add Ubuntu 24.04 LTS Noble Numbat (LP: #2041662).
  - Correct Ubuntu 6.10 EOL date to 2008-04-25
  - Correct Ubuntu 16.04 ESM begin to 2021-04-30
  - Move Ubuntu 12.04 ESM end date back to Friday, 2019-04-26
  - Correct Debian 3.1 EOL date to 2008-03-31
  - Correct Debian 7 EOL date to 2016-04-25
  - Move Debian 9 EOL to the 9.13 release date 2020-07-18
  - Move Debian 10 EOL to the 10.13 release date 2022-09-10

3.11 edi-boot-shim

3.11.1 1.4.0+deb12 - 12. January 2024

- Automatic bookworm build.

3.11.2 1.4.0 - 12. January 2024

Matthias Luescher
- Added boot spec for Raspberry Pi 5.

3.11.3 1.3.0 - 20. November 2023

Matthias Luescher
- Added possibility to overwrite the second stage boot script FIT template.

3.12 fdisk

3.12.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)
- No longer install wall, write setgid tty to address CVE-2024-28085
- d/gbp.conf: update for stable release

3.13 firmware-brcm80211

3.13.1 1:20230210-5+rpt2 - 15. November 2023

Phil Elwell

- Add Pi 5-specific links to the 43455 firmware
- Update Synaptics licence

Serge Schneider

- Update packaging for new symlinks
- Update to linux-support 6.1.0-rpi4

3.13.2 1:20230210-5+rpt1 - 02. August 2023

Phil Elwell

- Add CYW43455 firmware (cyfmac43455-sdio-standard):
    - Version: 7.45.241 (1a2f2fa CY) CRC: 959ad1c7 Date: Mon 2021-11-01 00:40:29 PDT Ucode Ver: 1043.2164 FWID 01-703fd60
- Add minimal 43455 firmware for AP+STA mode (cyfmac43455-sdio-minimal):
    - Version: 7.45.241 (1a2f2fa CY) CRC: 349757d5 Date: Mon 2021-11-01 00:40:07 PDT Ucode Ver: 1043.2164 FWID 01-5209c09
- Add CYW43430 firmware (cyfmac43430-sdio):
    - Version: 7.45.98 (TOB) (56df937 CY) CRC: 442f3e3 Date: Mon 2021-07-19 03:25:10 CDT Ucode Ver: 1043.213703 FWID 01-8e14b897
- Add SYN43436P firmware for Zero 2 W (brcmfmac43436-sdio):
    - Version: 9.88.4.77 CRC: 143f9f15 Date: Thu 2022-03-31 17:25:16 CST Ucode Ver: 1043.20743 FWID: 01-3b307371
- Add SYN43436S firmware for future Zero 2 W boards (brcmfmac43436s-sdio):
    - Version: 7.45.96.s1 (gf031a129) CRC: 6670a1e Date: Wed 2023-06-14 07:28:04 CST Ucode Ver: 1043.20744 FWID: 01-70bd2af7
- Add CYW43456 firmware and (brcmfmac43456-sdio):
    - Version: 7.84.17.1 (r871554) CRC: 72494685 Date: Thu 2020-05-14 17:41:11 KST Ucode Ver: 1043.20424 FWID: 01-3d9e1d87
- Add CYW43439 firmware for Pico W (43439A0-7.95.49.00.combined):
    - Version: 7.95.49 (2271bb6 CY) CRC: b7a28ef3 Date: Mon 2021-11-29 22:50:27 PST Ucode Ver: 1043.2162 FWID 01-c51d9400
- Add license from Synaptics

Serge Schneider

- Add update-alternatives for standard and minimal versions of cyfmac43455-sdio.bin
    - See debian/config/brcm80211/cypress/README.txt
- Update debian/copyright

3.14 libblkid1

3.14.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)
- No longer install wall, write setgid tty to address CVE-2024-28085
- d/gbp.conf: update for stable release

3.15 libbluetooth3

3.15.1 5.66-1+deb12u1 - 10. December 2023

- Non-maintainer upload by the Security Team.
- input.conf: Change default of ClassicBondedOnly (CVE-2023-45866) (Closes: #1057914)

3.16 libc-bin

3.16.1 2.36-9+deb12u6 - 19. April 2024

- debian/patches/any/local-CVE-2024-2961-iso-2022-cn-ext.diff: Fix out-of-bound writes when writing escape sequence in iconv ISO-2022-CN-EXT module (CVE-2024-2961). Closes: #1069191.

3.16.2 2.36-9+deb12u5 - 24. March 2024

- debian/patches/git-updates.diff: update from upstream stable branch:
    - any/local-CVE-2023-4911.patch: upstreamed.
    - any/local-CVE-2023-6246.patch: upstreamed.
    - any/local-CVE-2023-6779.patch: upstreamed.
    - any/local-CVE-2023-6780.patch: upstreamed.
    - Revert fix to always call destructors in reverse constructor order due to unforeseen application compatibility issues.
    - Fix a DTV corruption due to a reuse of a TLS module ID following dlclose with unused TLS.
    - Fix the DTV field load on x32.
    - Fix the TCB field load on x32.

3.16.3 2.36-9+deb12u4 - 23. January 2024

- debian/patches/any/local-CVE-2023-6246.patch: Fix a heap buffer overflow in __vsyslog_internal (CVE-2023-6246).

- debian/patches/any/local-CVE-2023-6779.patch: Fix an off-by-one heap buffer overflow in __vsyslog_internal (CVE-2023-6779).

- debian/patches/any/local-CVE-2023-6780.patch: Fix an integer overflow in __vsyslog_internal (CVE-2023-6780).

- debian/patches/any/local-qsort-memory-corruption.patch: Fix a memory corruption in qsort() when using non-transitive comparison functions.

3.16.4 2.36-9+deb12u3 - 30. September 2023

- debian/patches/any/local-CVE-2023-4911.patch: Fix a buffer overflow in the dynamic loaders processing of the GLIBC_TUNABLES environment variable (CVE-2023-4911).

3.16.5 2.36-9+deb12u2 - 28. September 2023

- debian/patches/git-updates.diff: update from upstream stable branch:

  - Fix the value of F_GETLK/F_SETLK/F_SETLKW with __USE_FILE_OFFSET64 on ppc64el. Closes: #1050592.

  - Fix a stack read overflow in getaddrinfo in no-aaaa mode (CVE-2023-4527). Closes: #1051958.

  - Fix use after free in getcanonname (CVE-2023-4806, CVE-2023-5156).

  - Update the x86 cacheinfo code to look at the per-thread L3 cache to determine the non-temporal threshold. This improves memory and string functions on modern CPUs.

  - Fix _dl_find_object to return correct values even during early startup.

  - Always call destructors in reverse constructor order.

3.16.6 2.36-9+deb12u1 - 13. July 2023

Aurelien Jarno

- debian/patches/git-updates.diff: update from upstream stable branch:

  - Affecting bookworm release architectures:

    * Improve mcount overflow handling in gmon.

    * Fix a buffer overflow in gmon (CVE-2023-0687).

    * Fix a memory corruption when incorrectly calling gmon functions repeatedly on in wrong order.

    * Fix a deadlock in getaddrinfo (__check_pf) with deferred cancellation.

    * Fix y2038 support in strftime on 32-bit architectures.

    * Fix corner case parsing of /etc/gshadow which can return bad pointers causing segfaults in applications.

    * Fix a deadlock in system() when called concurrently from multiple threads.

    * cdefs: limit definition of fortification macros to __FORTIFY_LEVEL > 0 to support old C90 compilers.

- Not affecting bookworm release architectures:

  * Fix LFS POSIX lock constants for powerpc64.

  * Fix GL(dl_phdr) and GL(dl_phnum) for static builds. Closes: #1028200.

- Not affecting debian architectures:

  * Fix LFS POSIX lock constants on 32 bit arch with 64 bit default time_t.

- No change in the generated code:

  * Fix asm constraints in amd64 version of feraiseexcept (bug not visible with GCC 12).

Andrej Shadura

- debian/po/sk.po: Fix typos in the Slovak translation.

3.17 libc6

3.17.1 2.36-9+deb12u6 - 19. April 2024

- debian/patches/any/local-CVE-2024-2961-iso-2022-cn-ext.diff: Fix out-of-bound writes when writing escape sequence in iconv ISO-2022-CN-EXT module (CVE-2024-2961). Closes: #1069191.

3.17.2 2.36-9+deb12u5 - 24. March 2024

- debian/patches/git-updates.diff: update from upstream stable branch:

  - any/local-CVE-2023-4911.patch: upstreamed.

  - any/local-CVE-2023-6246.patch: upstreamed.

  - any/local-CVE-2023-6779.patch: upstreamed.

  - any/local-CVE-2023-6780.patch: upstreamed.

  - Revert fix to always call destructors in reverse constructor order due to unforeseen application compatibility issues.

  - Fix a DTV corruption due to a reuse of a TLS module ID following dlclose with unused TLS.

  - Fix the DTV field load on x32.

  - Fix the TCB field load on x32.

3.17.3 2.36-9+deb12u4 - 23. January 2024

- debian/patches/any/local-CVE-2023-6246.patch: Fix a heap buffer overflow in __vsyslog_internal (CVE-2023-6246).

- debian/patches/any/local-CVE-2023-6779.patch: Fix an off-by-one heap buffer overflow in __vsyslog_internal (CVE-2023-6779).

- debian/patches/any/local-CVE-2023-6780.patch: Fix an integer overflow in __vsyslog_internal (CVE-2023-6780).

- debian/patches/any/local-qsort-memory-corruption.patch: Fix a memory corruption in qsort() when using non-transitive comparison functions.

3.17.4 2.36-9+deb12u3 - 30. September 2023

- debian/patches/any/local-CVE-2023-4911.patch: Fix a buffer overflow in the dynamic loaders processing of the GLIBC_TUNABLES environment variable (CVE-2023-4911).

3.17.5 2.36-9+deb12u2 - 28. September 2023

- debian/patches/git-updates.diff: update from upstream stable branch:
  - Fix the value of F_GETLK/F_SETLK/F_SETLKW with __USE_FILE_OFFSET64 on ppc64el. Closes: #1050592.
  - Fix a stack read overflow in getaddrinfo in no-aaaa mode (CVE-2023-4527). Closes: #1051958.
  - Fix use after free in getcanonname (CVE-2023-4806, CVE-2023-5156).
  - Update the x86 cacheinfo code to look at the per-thread L3 cache to determine the non-temporal threshold. This improves memory and string functions on modern CPUs.
  - Fix _dl_find_object to return correct values even during early startup.
  - Always call destructors in reverse constructor order.

3.17.6 2.36-9+deb12u1 - 13. July 2023

Aurelien Jarno

- debian/patches/git-updates.diff: update from upstream stable branch:
  - Affecting bookworm release architectures:
    * Improve mcount overflow handling in gmon.
    * Fix a buffer overflow in gmon (CVE-2023-0687).
    * Fix a memory corruption when incorrectly calling gmon functions repeatedly on in wrong order.
    * Fix a deadlock in getaddrinfo (__check_pf) with deferred cancellation.
    * Fix y2038 support in strftime on 32-bit architectures.
    * Fix corner case parsing of /etc/gshadow which can return bad pointers causing segfaults in applications.
    * Fix a deadlock in system() when called concurrently from multiple threads.
    * cdefs: limit definition of fortification macros to __FORTIFY_LEVEL > 0 to support old C90 compilers.
  - Not affecting bookworm release architectures:
    * Fix LFS POSIX lock constants for powerpc64.
    * Fix GL(dl_phdr) and GL(dl_phnum) for static builds. Closes: #1028200.
  - Not affecting debian architectures:
    * Fix LFS POSIX lock constants on 32 bit arch with 64 bit default time_t.
  - No change in the generated code:
    * Fix asm constraints in amd64 version of feraiseexcept (bug not visible with GCC 12).

Andrej Shadura

- debian/po/sk.po: Fix typos in the Slovak translation.

3.18 libcryptsetup12

3.18.1 2:2.6.1-4~deb12u2 - 18. December 2023

Michael Biebl

- cryptsetup-suspend-wrapper: Dont error out on missing /lib/systemd/system-sleep directory as systemd 254.1-3 and later no longer ship empty directories. (Closes: #1050606)

Kevin Locke

- cryptsetup-initramfs: Add support for compressed kernel modules, which is the default as linux-image 6.6.4-1~exp1. (Closes: #1036049, #1057441)

Guilhem Moulin

- add_modules(): Change suffix drop logic to match initramfs-tools.

- Fix DEP-8 tests with kernels shipping compressed modules.

- d/salsa-ci.yml: Set RELEASE=bookworm.

3.19 libcurl3-gnutls

3.19.1 7.88.1-10+deb12u5 - 10. December 2023

- Add patches to fix CVE-2023-46218 and CVE-2023-46219

- d/rules: set CURL_PATCHSTAMP to packages version, so it shows up in –version output

3.19.2 7.88.1-10+deb12u4 - 05. October 2023

- Add patches to fix CVE-2023-38545 and CVE-2023-38546

3.19.3 7.88.1-10+deb12u3 - 15. September 2023

- Team upload.

Andreas Hasenack

- Move ldap-test to a script and add retry logic.

Carlos Henrique Lima Melara

- Fix CVE-2023-38039: HTTP headers eat all memory. - Done by debian/patches/CVE-2023-38039.patch.

3.19.4 7.88.1-10+deb12u2 - 25. July 2023

- Team upload.

- LDAP backend: correct the usage of OpenLDAP-specific functionality being disabled with an upstream patch (Closes: #1041964) This corrects the improper fetching of binary attributes.

- debian/tests: add a DEP-8 test that getting binary LDAP attributes works now

3.19.5 7.88.1-10+deb12u1 - 23. July 2023

- Team upload.

- Fix CVE-2023-32001: TOCTOU race condition in Curl_fopen():

  – Done by d/p/CVE-2023-32001.patch (Closes: #1041812).

3.20 libcurl4

3.20.1 7.88.1-10+deb12u5 - 10. December 2023

- Add patches to fix CVE-2023-46218 and CVE-2023-46219

- d/rules: set CURL_PATCHSTAMP to packages version, so it shows up in –version output

3.20.2 7.88.1-10+deb12u4 - 05. October 2023

- Add patches to fix CVE-2023-38545 and CVE-2023-38546

3.20.3 7.88.1-10+deb12u3 - 15. September 2023

- Team upload.

Andreas Hasenack

- Move ldap-test to a script and add retry logic.

Carlos Henrique Lima Melara

- Fix CVE-2023-38039: HTTP headers eat all memory. - Done by debian/patches/CVE-2023-38039.patch.

3.20.4 7.88.1-10+deb12u2 - 25. July 2023

- Team upload.

- LDAP backend: correct the usage of OpenLDAP-specific functionality being disabled with an upstream patch (Closes: #1041964) This corrects the improper fetching of binary attributes.

- debian/tests: add a DEP-8 test that getting binary LDAP attributes works now

3.20.5 7.88.1-10+deb12u1 - 23. July 2023

- Team upload.

- Fix CVE-2023-32001: TOCTOU race condition in Curl_fopen():

    - Done by d/p/CVE-2023-32001.patch (Closes: #1041812).

3.21 libdbus-1-3

3.21.1 1.14.10-1~deb12u1 - 16. September 2023

- Rebuild for bookworm

3.21.2 1.14.10-1 - 01. September 2023

- New upstream stable release

    - Fix a dbus-daemon crash during policy reload if a connection belongs to a user account that has been deleted, or if a Name Service Switch plugin is broken, on kernels not supporting SO_PEERGROUPS

    - Report the error correctly if getting the groups of a uid fails

    - If a connection has a primary group ID but no supplementary groups, report the primary group ID in GetConnectionCredentials() UnixGroupIDs field

- dbus-user-session: Copy XDG_CURRENT_DESKTOP to activation environment. Previously this was only done if dbus-x11 was installed. This is needed by various freedesktop.org specifications, in particular for xdg-desktop-portal (>= 1.17) to choose the correct portal backend for a desktop session. Some session managers like gnome-session and plasma-workspace already upload this into the activation environment, but many older or simpler session managers do not.

3.21.3 1.14.8-2~deb12u1 - 11. July 2023

- Rebuild for bookworm

3.21.4 1.14.8-2 - 11. July 2023

- dbus-daemon.postinst: Stop trying to take DPKG_ROOT into account. This unintentionally disabled the code path that would copy systemds /etc/machine-id in preference to creating an entirely new machine ID. (Closes: #1040790)

- d/tests: Add test coverage for #1040790

3.21.5 1.14.8-1~deb12u1 - 11. June 2023

- Rebuild for bookworm

- d/gbp.conf: Use debian/bookworm branch

- d/watch: Only watch for 1.14.x releases

3.22 libfdisk1

3.22.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)

- No longer install wall, write setgid tty to address CVE-2024-28085

- d/gbp.conf: update for stable release

3.23 libgnutls30

3.23.1 3.7.9-2+deb12u2 - 19. January 2024

- Cherrypick two CVE fixes from 3.8.3: Fix assertion failure when verifying a certificate chain with a cycle of cross signatures. CVE-2024-0567 GNUTLS-SA-2024-01-09 Closes: #1061045 Fix more timing side-channel inside RSA-PSK key exchange. CVE-2024-0553 GNUTLS-SA-2024-01-14 Closes: #1061046

3.23.2 3.7.9-2+deb12u1 - 30. November 2023

- Backport fix for CVE-2023-5981 / GNUTLS-SA-2023-10-23 (timing sidechannel in RSA-PSK key exchange) from 3.8.2. Closes: #1056188

3.24 libgssapi-krb5-2

3.24.1 1.20.1-2+deb12u1 - 14. August 2023

- Fixes CVE-2023-36054: a remote authenticated attacker can cause kadmind to free an uninitialized pointer. Upstream believes remote code execution is unlikely, Closes: #1043431

3.25 libk5crypto3

3.25.1 1.20.1-2+deb12u1 - 14. August 2023

- Fixes CVE-2023-36054: a remote authenticated attacker can cause kadmind to free an uninitialized pointer. Upstream believes remote code execution is unlikely, Closes: #1043431

3.26 libkrb5-3

3.26.1 1.20.1-2+deb12u1 - 14. August 2023

- Fixes CVE-2023-36054: a remote authenticated attacker can cause kadmind to free an uninitialized pointer. Upstream believes remote code execusion is unlikely, Closes: #1043431

3.27 libkrb5support0

3.27.1 1.20.1-2+deb12u1 - 14. August 2023

- Fixes CVE-2023-36054: a remote authenticated attacker can cause kadmind to free an uninitialized pointer. Upstream believes remote code execusion is unlikely, Closes: #1043431

3.28 libmount1

3.28.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)
- No longer install wall, write setgid tty to address CVE-2024-28085
- d/gbp.conf: update for stable release

3.29 libnghttp2-14

3.29.1 1.52.0-1+deb12u1 - 24. November 2023

- CVE-2023-44487 (Closes: #1053769)

3.30 libpam-modules

3.30.1 1.5.2-6+deb12u1 - 21. September 2023

- Fix pam-auth-update –disable logic error, Closes: #1039873
- Set myself as maintainer; thanks Steve for past and future work.
- Updated Turkish Debconf translations, Thanks Atila KOÇ, Closes: #1029002

3.31 libpam-modules-bin

3.31.1 1.5.2-6+deb12u1 - 21. September 2023

- Fix pam-auth-update –disable logic error, Closes: #1039873
- Set myself as maintainer; thanks Steve for past and future work.
- Updated Turkish Debconf translations, Thanks Atila KOÇ, Closes: #1029002

3.32 libpam-runtime

3.32.1 1.5.2-6+deb12u1 - 21. September 2023

- Fix pam-auth-update –disable logic error, Closes: #1039873
- Set myself as maintainer; thanks Steve for past and future work.
- Updated Turkish Debconf translations, Thanks Atila KOÇ, Closes: #1029002

3.33 libpam-systemd

3.33.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.33.2 252.21-1~deb12u1 - 24. December 2023

- New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)
- Refresh patches

3.33.3 252.20-1~deb12u1 - 06. December 2023

- New upstream version 252.20
- Refresh patches

3.33.4 252.19-1~deb12u1 - 10. November 2023

- New upstream version 252.19
- Refresh patches

3.33.5 252.18-1~deb12u1 - 08. October 2023

- New upstream version 252.18
- Refresh patches

3.33.6 252.17-1~deb12u1 - 20. September 2023

- New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.33.7 252.16-1~deb12u1 - 09. September 2023

- New upstream version 252.16
- Refresh patches for v252.16

3.33.8 252.14-1~deb12u1 - 11. August 2023

- New upstream version 252.14
- Refresh patches for 252.14

3.33.9 252.12-1~deb12u1 - 10. July 2023

- New upstream version 252.12
- Refresh patches for v252.12

3.33.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.33.11 252.11-1 - 11. June 2023

- New upstream version 252.11
- Refresh patches

3.34 libpam0g

3.34.1 1.5.2-6+deb12u1 - 21. September 2023

- Fix pam-auth-update –disable logic error, Closes: #1039873

- Set myself as maintainer; thanks Steve for past and future work.

- Updated Turkish Debconf translations, Thanks Atila KOÇ, Closes: #1029002

3.35 libperl5.36

3.35.1 5.36.0-7+deb12u1 - 25. November 2023

- [SECURITY] CVE-2023-47038: Write past buffer end via illegal user-defined Unicode property. (Closes: #1056746)

3.36 libsmartcols1

3.36.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)

- No longer install wall, write setgid tty to address CVE-2024-28085

- d/gbp.conf: update for stable release

3.37 libssl3

3.37.1 3.0.11-1~deb12u2 - 23. October 2023

- CVE-2023-5363 (Incorrect cipher key and IV length processing).

3.37.2 3.0.11-1~deb12u1 - 26. September 2023

- Import 3.0.11

3.37.3 3.0.10-1~deb12u1 - 26. August 2023

- Import 3.0.10
    - CVE-2023-2975 (AES-SIV implementation ignores empty associated data entries) (Closes: #1041818).
    - CVE-2023-3446 (Excessive time spent checking DH keys and parameters). (Closes: #1041817).
    - CVE-2023-3817 (Excessive time spent checking DH q parameter value).

3.38 libsystemd-shared

3.38.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.38.2 252.21-1~deb12u1 - 24. December 2023

- New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)
- Refresh patches

3.38.3 252.20-1~deb12u1 - 06. December 2023

- New upstream version 252.20
- Refresh patches

3.38.4 252.19-1~deb12u1 - 10. November 2023

- New upstream version 252.19
- Refresh patches

3.38.5 252.18-1~deb12u1 - 08. October 2023

- New upstream version 252.18
- Refresh patches

3.38.6 252.17-1~deb12u1 - 20. September 2023

- New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.38.7 252.16-1~deb12u1 - 09. September 2023

- New upstream version 252.16
- Refresh patches for v252.16

3.38.8 252.14-1~deb12u1 - 11. August 2023

- New upstream version 252.14
- Refresh patches for 252.14

3.38.9 252.12-1~deb12u1 - 10. July 2023

- New upstream version 252.12
- Refresh patches for v252.12

3.38.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.38.11 252.11-1 - 11. June 2023

- New upstream version 252.11
- Refresh patches

3.39 libsystemd0

3.39.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.39.2 252.21-1~deb12u1 - 24. December 2023

- New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)
- Refresh patches

3.39.3 252.20-1~deb12u1 - 06. December 2023

- New upstream version 252.20
- Refresh patches

3.39.4 252.19-1~deb12u1 - 10. November 2023

- New upstream version 252.19
- Refresh patches

3.39.5 252.18-1~deb12u1 - 08. October 2023

- New upstream version 252.18
- Refresh patches

3.39.6 252.17-1~deb12u1 - 20. September 2023

- New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.39.7 252.16-1~deb12u1 - 09. September 2023

- New upstream version 252.16
- Refresh patches for v252.16

3.39.8 252.14-1~deb12u1 - 11. August 2023

- New upstream version 252.14
- Refresh patches for 252.14

3.39.9 252.12-1~deb12u1 - 10. July 2023

- New upstream version 252.12
- Refresh patches for v252.12

3.39.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.39.11 252.11-1 - 11. June 2023

- New upstream version 252.11
- Refresh patches

3.40 libudev1

3.40.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.40.2 252.21-1~deb12u1 - 24. December 2023

- New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)
- Refresh patches

3.40.3 252.20-1~deb12u1 - 06. December 2023

- New upstream version 252.20
- Refresh patches

3.40.4 252.19-1~deb12u1 - 10. November 2023

- New upstream version 252.19
- Refresh patches

3.40.5 252.18-1~deb12u1 - 08. October 2023

- New upstream version 252.18
- Refresh patches

3.40.6 252.17-1~deb12u1 - 20. September 2023

- New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.40.7 252.16-1~deb12u1 - 09. September 2023

- New upstream version 252.16
- Refresh patches for v252.16

3.40.8 252.14-1~deb12u1 - 11. August 2023

- New upstream version 252.14
- Refresh patches for 252.14

3.40.9 252.12-1~deb12u1 - 10. July 2023

- New upstream version 252.12
- Refresh patches for v252.12

3.40.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.40.11 252.11-1 - 11. June 2023

- New upstream version 252.11
- Refresh patches

3.41 libuuid1

3.41.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)
- No longer install wall, write setgid tty to address CVE-2024-28085
- d/gbp.conf: update for stable release

3.42 linux-image-6.1.63-v8+

3.42.1 6.1.63-v8+-1 - 12. January 2024

- Custom built Linux kernel.

3.43 mount

3.43.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)
- No longer install wall, write setgid tty to address CVE-2024-28085
- d/gbp.conf: update for stable release

3.44 openssh-client

3.44.1 1:9.2p1-2+deb12u2 - 19. December 2023

- Cherry-pick from upstream:
    - [CVE-2023-28531] ssh-add(1): when adding smartcard keys to ssh-agent(1) with the per-hop destination constraints (ssh-add -h) added in OpenSSH 8.9, a logic error prevented the constraints from being communicated to the agent. This resulted in the keys being added without constraints. The common cases of non-smartcard keys and keys without destination constraints are unaffected. This problem was reported by Luci Stanescu (closes: #1033166).
    - [CVE-2023-48795] ssh(1), sshd(8): implement protocol extensions to thwart the so-called Terrapin attack discovered by Fabian Bäumer, Marcus Brinkmann and Jörg Schwenk. This attack allows a MITM to effect a limited break of the integrity of the early encrypted SSH transport protocol by sending extra messages prior to the commencement of encryption, and deleting an equal number of consecutive messages immediately after encryption starts. A peer SSH client/server would not be able to detect that messages were deleted.
    - [CVE-2023-51384] ssh-agent(1): when adding PKCS#11-hosted private keys while specifying destination constraints, if the PKCS#11 token returned multiple keys then only the first key had the constraints applied. Use of regular private keys, FIDO tokens and unconstrained keys are unaffected.
    - [CVE-2023-51385] ssh(1): if an invalid user or hostname that contained shell metacharacters was passed to ssh(1), and a ProxyCommand, LocalCommand directive or match exec predicate referenced the user or hostname via %u, %h or similar expansion token, then an attacker who could supply arbitrary user/hostnames to ssh(1) could potentially perform command injection depending on what quoting was present in the user-supplied ssh_config(5) directive. ssh(1) now bans most shell metacharacters from user and hostnames supplied via the command-line.

3.44.2 1:9.2p1-2+deb12u1 - 23. September 2023

- Cherry-pick from OpenSSH 9.3p2:
    - [CVE-2023-38408] Fix a condition where specific libraries loaded via ssh-agent(1)s PKCS#11 support could be abused to achieve remote code execution via a forwarded agent socket (closes: #1042460).

3.45 openssh-server

3.45.1 1:9.2p1-2+deb12u2 - 19. December 2023

- Cherry-pick from upstream:
    - [CVE-2023-28531] ssh-add(1): when adding smartcard keys to ssh-agent(1) with the per-hop destination constraints (ssh-add -h) added in OpenSSH 8.9, a logic error prevented the constraints from being communicated to the agent. This resulted in the keys being added without constraints. The common cases of non-smartcard keys and keys without destination constraints are unaffected. This problem was reported by Luci Stanescu (closes: #1033166).
    - [CVE-2023-48795] ssh(1), sshd(8): implement protocol extensions to thwart the so-called Terrapin attack discovered by Fabian Bäumer, Marcus Brinkmann and Jörg Schwenk. This attack allows a MITM to effect a limited break of the integrity of the early encrypted SSH transport protocol by sending extra messages prior to the commencement of encryption, and deleting an equal number of consecutive messages immediately after encryption starts. A peer SSH client/server would not be able to detect that messages were deleted.

- [CVE-2023-51384] ssh-agent(1): when adding PKCS#11-hosted private keys while specifying destination constraints, if the PKCS#11 token returned multiple keys then only the first key had the constraints applied. Use of regular private keys, FIDO tokens and unconstrained keys are unaffected.

- [CVE-2023-51385] ssh(1): if an invalid user or hostname that contained shell metacharacters was passed to ssh(1), and a ProxyCommand, LocalCommand directive or match exec predicate referenced the user or hostname via %u, %h or similar expansion token, then an attacker who could supply arbitrary user/hostnames to ssh(1) could potentially perform command injection depending on what quoting was present in the user-supplied ssh_config(5) directive. ssh(1) now bans most shell metacharacters from user and hostnames supplied via the command-line.

3.45.2 1:9.2p1-2+deb12u1 - 23. September 2023

- Cherry-pick from OpenSSH 9.3p2:

  - [CVE-2023-38408] Fix a condition where specific libraries loaded via ssh-agent(1)s PKCS#11 support could be abused to achieve remote code execution via a forwarded agent socket (closes: #1042460).

3.46 openssh-sftp-server

3.46.1 1:9.2p1-2+deb12u2 - 19. December 2023

- Cherry-pick from upstream:

  - [CVE-2023-28531] ssh-add(1): when adding smartcard keys to ssh-agent(1) with the per-hop destination constraints (ssh-add -h) added in OpenSSH 8.9, a logic error prevented the constraints from being communicated to the agent. This resulted in the keys being added without constraints. The common cases of non-smartcard keys and keys without destination constraints are unaffected. This problem was reported by Luci Stanescu (closes: #1033166).

  - [CVE-2023-48795] ssh(1), sshd(8): implement protocol extensions to thwart the so-called Terrapin attack discovered by Fabian Bäumer, Marcus Brinkmann and Jörg Schwenk. This attack allows a MITM to effect a limited break of the integrity of the early encrypted SSH transport protocol by sending extra messages prior to the commencement of encryption, and deleting an equal number of consecutive messages immediately after encryption starts. A peer SSH client/server would not be able to detect that messages were deleted.

  - [CVE-2023-51384] ssh-agent(1): when adding PKCS#11-hosted private keys while specifying destination constraints, if the PKCS#11 token returned multiple keys then only the first key had the constraints applied. Use of regular private keys, FIDO tokens and unconstrained keys are unaffected.

  - [CVE-2023-51385] ssh(1): if an invalid user or hostname that contained shell metacharacters was passed to ssh(1), and a ProxyCommand, LocalCommand directive or match exec predicate referenced the user or hostname via %u, %h or similar expansion token, then an attacker who could supply arbitrary user/hostnames to ssh(1) could potentially perform command injection depending on what quoting was present in the user-supplied ssh_config(5) directive. ssh(1) now bans most shell metacharacters from user and hostnames supplied via the command-line.

3.46.2 1:9.2p1-2+deb12u1 - 23. September 2023

- Cherry-pick from OpenSSH 9.3p2:
  - [CVE-2023-38408] Fix a condition where specific libraries loaded via ssh-agent(1)s PKCS#11 support could be abused to achieve remote code execution via a forwarded agent socket (closes: #1042460).

3.47 openssl

3.47.1 3.0.11-1~deb12u2 - 23. October 2023

- CVE-2023-5363 (Incorrect cipher key and IV length processing).

3.47.2 3.0.11-1~deb12u1 - 26. September 2023

- Import 3.0.11

3.47.3 3.0.10-1~deb12u1 - 26. August 2023

- Import 3.0.10
  - CVE-2023-2975 (AES-SIV implementation ignores empty associated data entries) (Closes: #1041818).
  - CVE-2023-3446 (Excessive time spent checking DH keys and parameters). (Closes: #1041817).
  - CVE-2023-3817 (Excessive time spent checking DH q parameter value).

3.48 perl

3.48.1 5.36.0-7+deb12u1 - 25. November 2023

- [SECURITY] CVE-2023-47038: Write past buffer end via illegal user-defined Unicode property. (Closes: #1056746)

3.49 perl-base

3.49.1 5.36.0-7+deb12u1 - 25. November 2023

- [SECURITY] CVE-2023-47038: Write past buffer end via illegal user-defined Unicode property. (Closes: #1056746)

3.50 perl-modules-5.36

3.50.1 5.36.0-7+deb12u1 - 25. November 2023

- [SECURITY] CVE-2023-47038: Write past buffer end via illegal user-defined Unicode property. (Closes: #1056746)

3.51 sudo

3.51.1 1.9.13p3-1+deb12u1 - 27. June 2023

- add upstream patch to fix event log format. Thanks to Kimmo Suominen (Closes: #1039557)

3.52 systemd

3.52.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.52.2 252.21-1~deb12u1 - 24. December 2023

- New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)
- Refresh patches

3.52.3 252.20-1~deb12u1 - 06. December 2023

- New upstream version 252.20
- Refresh patches

3.52.4 252.19-1~deb12u1 - 10. November 2023

- New upstream version 252.19
- Refresh patches

3.52.5 252.18-1~deb12u1 - 08. October 2023

- New upstream version 252.18
- Refresh patches

3.52.6 252.17-1~deb12u1 - 20. September 2023

- New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.52.7 252.16-1~deb12u1 - 09. September 2023

- New upstream version 252.16
- Refresh patches for v252.16

3.52.8 252.14-1~deb12u1 - 11. August 2023

- New upstream version 252.14
- Refresh patches for 252.14

3.52.9 252.12-1~deb12u1 - 10. July 2023

- New upstream version 252.12
- Refresh patches for v252.12

3.52.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.52.11 252.11-1 - 11. June 2023

- New upstream version 252.11
- Refresh patches

3.53 systemd-sysv

3.53.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.53.2 252.21-1~deb12u1 - 24. December 2023

• New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)

• Refresh patches

3.53.3 252.20-1~deb12u1 - 06. December 2023

• New upstream version 252.20

• Refresh patches

3.53.4 252.19-1~deb12u1 - 10. November 2023

• New upstream version 252.19

• Refresh patches

3.53.5 252.18-1~deb12u1 - 08. October 2023

• New upstream version 252.18

• Refresh patches

3.53.6 252.17-1~deb12u1 - 20. September 2023

• New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.53.7 252.16-1~deb12u1 - 09. September 2023

• New upstream version 252.16

• Refresh patches for v252.16

3.53.8 252.14-1~deb12u1 - 11. August 2023

• New upstream version 252.14

• Refresh patches for 252.14

3.53.9 252.12-1~deb12u1 - 10. July 2023

• New upstream version 252.12

• Refresh patches for v252.12

3.53.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.53.11 252.11-1 - 11. June 2023

- New upstream version 252.11
- Refresh patches

3.54 systemd-timesyncd

3.54.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.54.2 252.21-1~deb12u1 - 24. December 2023

- New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)
- Refresh patches

3.54.3 252.20-1~deb12u1 - 06. December 2023

- New upstream version 252.20
- Refresh patches

3.54.4 252.19-1~deb12u1 - 10. November 2023

- New upstream version 252.19
- Refresh patches

3.54.5 252.18-1~deb12u1 - 08. October 2023

- New upstream version 252.18
- Refresh patches

3.54.6 252.17-1~deb12u1 - 20. September 2023

- New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.54.7 252.16-1~deb12u1 - 09. September 2023

- New upstream version 252.16
- Refresh patches for v252.16

3.54.8 252.14-1~deb12u1 - 11. August 2023

- New upstream version 252.14
- Refresh patches for 252.14

3.54.9 252.12-1~deb12u1 - 10. July 2023

- New upstream version 252.12
- Refresh patches for v252.12

3.54.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.54.11 252.11-1 - 11. June 2023

- New upstream version 252.11
- Refresh patches

3.55 tar

3.55.1 1.34+dfsg-1.2+deb12u1 - 20. January 2024

- Non-maintainer upload.
- Fix boundary checking in base-256 decoder (CVE-2022-48303)
- Fix handling of extended header prefixes (CVE-2023-39804) (Closes: #1058079)

3.56 tzdata

3.56.1 2024a-0+deb12u1 - 03. February 2024

- New upstream version 2024a
    - Kazakhstan unifies on UTC+5 beginning 2024-03-01.
    - Palestine springs forward a week later after Ramadan.

3.56.2 2023d-0+deb12u1 - 25. January 2024

- New upstream version:
    - Ittoqqortoormiit, Greenland changes time zones on 2024-03-31.
    - Vostok, Antarctica changed time zones on 2023-12-18.
    - Casey, Antarctica changed time zones five times since 2020.
    - Code and data fixes for Palestine timestamps starting in 2072.
- Drop leap-seconds.list patch (taken from upstream)

3.56.3 2023c-5+deb12u1 - 28. November 2023

- Update leap-seconds.list from upstream
- Remove leapseconds during clean target

3.57 udev

3.57.1 252.22-1~deb12u1 - 26. January 2024

- d/t/control: add dependency on stress for upstream suite. Needed by TEST-55-OOMD
- New upstream version 252.22
- Refresh patches

3.57.2 252.21-1~deb12u1 - 24. December 2023

- New upstream version 252.21 CVE-2023-7008 (Closes: #1059278)
- Refresh patches

3.57.3 252.20-1~deb12u1 - 06. December 2023

- New upstream version 252.20
- Refresh patches

3.57.4 252.19-1~deb12u1 - 10. November 2023

- New upstream version 252.19
- Refresh patches

3.57.5 252.18-1~deb12u1 - 08. October 2023

- New upstream version 252.18
- Refresh patches

3.57.6 252.17-1~deb12u1 - 20. September 2023

- New upstream version 252.17. Fixes minor security issue in arm64 and riscv64 systemd-boot (EFI) with device tree blobs loading: https://github.com/systemd/systemd/security/advisories/GHSA-6m6p-rjcq-334c

3.57.7 252.16-1~deb12u1 - 09. September 2023

- New upstream version 252.16
- Refresh patches for v252.16

3.57.8 252.14-1~deb12u1 - 11. August 2023

- New upstream version 252.14
- Refresh patches for 252.14

3.57.9 252.12-1~deb12u1 - 10. July 2023

- New upstream version 252.12
- Refresh patches for v252.12

3.57.10 252.11-1~deb12u1 - 12. June 2023

- Upload to bookworm.

3.57.11 252.11-1 - 11. June 2023

- New upstream version 252.11

- Refresh patches

3.58 usrmerge

3.58.1 37~deb12u1 - 10. January 2024

- Non-maintainer upload.

- Rebuild for bookworm.

3.58.2 37 - 29. August 2023

Johannes Schauer Marin Rodrigues

- Use $DPKG_ROOT in usr-is-merged.postinst. (Closes: #1050755)

3.58.3 36 - 27. August 2023

- Added code by Andreas Beckmann to clean up the biarch libraries directories when they are not needed. (Closes: #1038853)

- Changed postinst to not run convert-etc-shells again on already converted systems and to run update-shells to make sure that the new shells.state file introduced in bookworm is up to date. (Closes: #1033167)

- Improved the instructions to deal with a mounted /lib/modules/, which can also happen on some Xen-based systems. (Closes: 1034346)

- Greatly improved the error messages when commands execution fails (see #1037362).

- Added a versioned conflict with libc-bin, only relevant for the conversion script. (Closes: #1037362)

- Added a versioned conflict with dhcpcd. (Closes: #1038832)

- Added a versioned conflict with libparted1.8-10. (Closes: #1038832)

- Added a versioned conflict with lustre-utils. (Closes: #1038832)

3.59 util-linux

3.59.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)

- No longer install wall, write setgid tty to address CVE-2024-28085

- d/gbp.conf: update for stable release

3.60 util-linux-extra

3.60.1 2.38.1-5+deb12u1 - 28. March 2024

- Add upstream patches to fix CVE-2024-28085 (Closes: #1067849)

- No longer install wall, write setgid tty to address CVE-2024-28085

- d/gbp.conf: update for stable release