

Linux® From Scratch

Version 12.4

2025 9 1

Gerard Beekmans

: Bruce Dubbs

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- LFS
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I.

1.

- LFS 가
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II.

2.

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- LFS
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- \$LFS Umask
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- LFS
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### III. LFS

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- Binutils-2.45 - Pass 1
- GCC-15.2.0 - Pass 1
- Linux-6.16.1 API Headers
- Glibc-2.42
- Libstdc++ from GCC-15.2.0

6.

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- M4-1.4.20
- Ncurses-6.5-20250809
- Bash-5.3
- Coreutils-9.7
- Diffutils-3.12
- File-5.46
- Findutils-4.10.0
- Gawk-5.3.2
- Grep-3.12
- Gzip-1.14

- Make-4.4.1
- Patch-2.8
- Sed-4.9
- Tar-1.35
- Xz-5.8.1
- Binutils-2.45 - Pass 2
- GCC-15.2.0 - Pass 2

## 7. Chroot 가

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- 가
- Chroot
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- Gettext-0.26
- Bison-3.8.2
- Perl-5.42.0
- Python-3.13.7
- Texinfo-7.2
- Util-linux-2.41.1
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## IV. LFS

8.

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- Man-pages-6.15
- lana-Etc-20250807
- Glibc-2.42
- Zlib-1.3.1
- Bzip2-1.0.8
- Xz-5.8.1
- Lz4-1.10.0
- Zstd-1.5.7
- File-5.46
- Readline-8.3
- M4-1.4.20
- Bc-7.0.3
- Flex-2.6.4
- Tcl-8.6.16
- Expect-5.45.4
- DejaGNU-1.6.3
- Pkgconf-2.5.1
- Binutils-2.45

- GMP-6.3.0
- MPFR-4.2.2
- MPC-1.3.1
- Attr-2.5.2
- Acl-2.3.2
- Libcap-2.76
- Libxcrypt-4.4.38
- Shadow-4.18.0
- GCC-15.2.0
- Ncurses-6.5-20250809
- Sed-4.9
- Psmisc-23.7
- Gettext-0.26
- Bison-3.8.2
- Grep-3.12
- Bash-5.3
- Libtool-2.5.4
- GDBM-1.26
- Gperf-3.3
- Expat-2.7.1
- Inetutils-2.6
- Less-679
- Perl-5.42.0
- XML::Parser-2.47
- Intltool-0.51.0
- Autoconf-2.72
- Automake-1.18.1
- OpenSSL-3.5.2
- Libelf from Elfutils-0.193
- Libffi-3.5.2
- Python-3.13.7
- Flit-Core-3.12.0
- Packaging-25.0
- Wheel-0.46.1
- Setuptools-80.9.0
- Ninja-1.13.1
- Meson-1.8.3
- Kmod-34.2
- Coreutils-9.7
- Diffutils-3.12
- Gawk-5.3.2
- Findutils-4.10.0
- Groff-1.23.0
- GRUB-2.12
- Gzip-1.14
- IPRoute2-6.16.0
- Kbd-2.8.0
- Libpipeline-1.5.8
- Make-4.4.1

- Patch-2.8
- Tar-1.35
- Texinfo-7.2
- Vim-9.1.1629
- MarkupSafe-3.0.2
- Jinja2-3.1.6
- Udev from Systemd-257.8
- Man-DB-2.13.1
- Procps-ng-4.0.5
- Util-linux-2.41.1
- E2fsprogs-1.47.3
- Sysklogd-2.7.2
- SysVinit-3.14
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9.

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- LFS-Bootscripts-20250827
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- System V
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- /etc/inputrc
- /etc/shells

## 10. LFS

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- /etc/fstab
- Linux-6.16.1
- GRUB

11.

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- LFS
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- LFS

## V.

- A.
- B.

- C.
- D. version-20250827

- /etc/rc.d/init.d/rc
- /lib/lsb/init-functions
- /etc/rc.d/init.d/mountvirtfs
- /etc/rc.d/init.d/modules
- /etc/rc.d/init.d/udev
- /etc/rc.d/init.d/swap
- /etc/rc.d/init.d/setclock
- /etc/rc.d/init.d/checkfs
- /etc/rc.d/init.d/mountfs
- /etc/rc.d/init.d/udev\_retry
- /etc/rc.d/init.d/cleanfs
- /etc/rc.d/init.d/console
- /etc/rc.d/init.d/localnet
- /etc/rc.d/init.d/sysctl
- /etc/rc.d/init.d/syslogd
- /etc/rc.d/init.d/network
- /etc/rc.d/init.d/sendsignals
- /etc/rc.d/init.d/reboot
- /etc/rc.d/init.d/halt
- /etc/rc.d/init.d/template
- /etc/sysconfig/modules
- /etc/sysconfig/createfiles
- /etc/sysconfig/udev-retry
- /sbin/ifup
- /sbin/ifdown
- /lib/services/ipv4-static
- /lib/services/ipv4-static-route

## E. Udev

- 55-lfs.rules

## F. LFS

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