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Spectre v1:      Mitigation; usercopy/swaps barriers and __user pointer s
                  anitization
Spectre v2:      Mitigation; Retpolines, STIBP disabled, RSB filling, PBRs
                  B-eIBRS Not affected
Srbds:           Not affected
Tsx async abort: Not affected

[ec2-user@ip-172-31-19-79 ~]$ cd /
[ec2-user@ip-172-31-19-79 ~]$ ls
bin  dev  home  lib64  media  opt  root  sbin  sys  usr
boot  etc  lib  local  mnt  proc  run  srv  tmp  var
[ec2-user@ip-172-31-19-79 ~]$ cd bin/
[ec2-user@ip-172-31-19-79 bin]$ ls
'['          journalctl          sedismod
ac           jp.py             sedispol
acpi_listen jq             semodule_expand
addr2line   jsondiff         semodule_link
alias       jsondiff-3       semodule_package
amazon-ssm-agent jsondiff-3.9    semodule_unpackage
apropos     jsonpatch        seq
apropos.man-db jsonpatch-3      sestatus
ar          jsonpatch-3.9    setarch
arch        jsonpointer       setfacl
arpaname    jsonpointer-3     setfattr
arping      jsonpointer-3.9   setfont
as          jsonschema        setkeycodes
at          kbd_mode          settleds
atq         kbdinfo           setmetamode
atrm        kbdrate           setpriv
attr        kernel-install    setsid
audit2allow keyctl            setterm
audit2why   kill              setup-nsssysinit
aulast      killall           setup-nsssysinit.sh
aulastlog   kmod              setup-policy-routes
ausyscall  last              setvtrgb
auvirt     lastb             sftp
awk         lastcomm          sg
aws         lastlog           sh
aws.cmd     lchfn             sha1hmac
aws_bash_completer lchsh            shalsum
aws_completer ld                sha224hmac
aws_zsh_completer.sh ld.bfd           sha224sum
b2sum       ld.so             sha256hmac
base32      ldd               sha256sum
base64      less              sha384hmac
basename    lessecho          sha384sum
basenc      lesskey           sha512hmac
bash        lesspipe.sh       sha512sum
bashbug     lexgrog           showconsolefont
bashbug-64  link              showkey
batch       linux-boot-prober shred
bc          linux32           shuf
bg          linux64           sim_lsmlplugin
bootctl     ln                simc_lsmlplugin
bunzip2     loadkeys          size
busctl      loadunimap        skill
bzip2       locale            slabtop
bzcmp       localectl         sleep
bzdiff      localedef         sm3hmac
bzegrep     logger            snice
bzfgrep     login             soelim
bzgrep      loginctl          soelim.groff
bzip2       logname           sort
bzip2recover look               sotruss
bzless      ls                split
bzmor       lsattr            sprof
c++filt     lsblk             ssh
ca-legacy   lscpu             ssh-add
cal          lsinitrd          ssh-agent
captoinfo   lsipc             ssh-copy-id

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cat	lsirq	ssh-keygen
catchsegv	lslocks	ssh-keyscan
catman	lslogins	ssm-agent-worker
cd	lsmcli	ssm-cli
centrino-decode	lsmd	ssm-document-worker
cfn-elect-cmd-leader	lsmem	ssm-session-logger
cfn-get-metadata	lsns	ssm-session-worker
cfn-hup	lsof	sss_ssh_authorizedkeys
cfn-init	make-dummy-cert	sss_ssh_knownhostsproxy
cfn-send-cmd-event	man	stap-merge
cfn-send-cmd-result	man-recode	stap-report
cfn-signal	man.man-db	stapbpff
chacl	mandb	stapdyn
chage	manpath	staprun
chardetect	mapscrn	stapsh
chattr	mcookie	stat
chcat	md5sum	stdbuf
chcon	mesg	strace
checkmodule	miniterm-3.9.py	strace-log-merge
checkpolicy	miniterm-3.py	strings
chevron	miniterm.py	strip
chgrp	mkdir	stty
chmem	mkfifo	su
chmod	mknod	sudo
choom	mktemp	sudoeedit
chown	mmdblookup	sudoreplay
chronyc	modulemd-validator	sum
chrt	more	sync
chvt	mount	systemctl
cifsiostat	mountpoint	systemd-analyze
cksum	mpstat	systemd-ask-password
clear	msgattrib	systemd-cat
clockdiff	msgcat	systemd-cgls
cloud-id	msgcmp	systemd-cgtop
cloud-init	msgcomm	systemd-creds
cloud-init-per	msgconv	systemd-cryptenroll
cmp	msgen	systemd-delta
col	msgexec	systemd-detect-virt
colcrt	msgfilter	systemd-dissect
colrm	msgfmt	systemd-escape
column	msggrep	systemd-firstboot
comm	msginit	systemd-hwdb
command	msgmerge	systemd-id128
coredumpctl	msgunfmt	systemd-inhibit
cp	msguniq	systemd-machine-id-setup
cpio	mv	systemd-mount
cpupower	namei	systemd-notify
csch	nano	systemd-path
csplit	neqn	systemd-repart
curl	netstat	systemd-resolve
cut	networkctl	systemd-run
cvtsudoers	newgidmap	systemd-socket-activate
cyrusbdb2current	newgrp	systemd-stdio-bridge
date	newuidmap	systemd-sysex
dbus-broker	ngettext	systemd-sysusers
dbus-broker-launch	nice	systemd-tmpfiles
dc	nisdomainname	systemd-tty-ask-password-agent
dd	nl	systemd-umount
deallocvt	nm	tabs
debuginfod-find	nohup	tac
delv	nproc	tail
df	nroff	tapestat
diff	nsenter	tar
diff3	nslookup	taskset
dig	nsupdate	tbl
dir	numfmt	tcptraceroute
dircolors	objcopy	tcsh
dirname	objdump	tee
distro	od	test

dmesg	oomctl	tic
dnf	openssl	time
dnf-3	openvt	timedatectl
dnsdomainname	os-prober	timeout
dnstap-read	p11-kit	tload
domainname	passwd	toe
dracut	paste	top
du	pathchk	touch
dumpkeys	peekfd	tput
dwz	perl	tr
ec2-metadata	perl5.32.1	tracepath
echo	perldoc	traceroute
ed	pgrep	traceroute6
efisecdb	pic	troff
efivar	piconv	true
egrep	pidof	truncate
eject	pidstat	trust
elfedit	pidwait	tset
encguess	ping	tsort
env	pinky	tty
envsubst	pkg-config	turbostat
eqn	pkgconf	type
ex	pskill	tzselect
expand	pldd	uclampset
expr	pmap	udevadm
factor	pod2man	ul
fallocate	pod2text	ulimit
false	pod2usage	umask
fc	portablectl	umount
fg	post-grohtml	unalias
fgconsole	powernow-k8-decode	uname
fgrep	pr	uname26
file	pre-grohtml	unexpand
findcore	preconv	unicode_start
find	printenv	unicode_stop
findmnt	printf	uniq
fips-finish-install	prlimit	unlink
fips-mode-setup	prtstat	unshare
flock	ps	unxz
fmt	psfaddtable	unzip
fold	psfgettable	unzipsfx
free	psfstriptable	unzstd
funzip	psfxtable	update-ca-trust
fuse2fs	pslog	update-crypto-policies
gappplication	pstree	uptime
gawk	pstree.x11	userdbctl
gdbus	ptx	users
gencat	pwd	usleep
geqn	pwdx	utmpdump
getconf	pwmake	uuidgen
getent	pwscore	uuidparse
getfacl	pydoc	vdir
getfattr	pydoc3	vi
getkeycodes	pydoc3.9	view
getopt	python3	vim
getopts	python3.9	vimdiff
gettext	pzstd	vimtutor
gettext.sh	quota	vlock
gio	quotasync	vmstat
gio-querymodules-64	ranlib	w
glib-compile-schemas	read	wait
gneqn	readelf	wall
gnroff	readlink	watch
gpasswd	realpath	wc
gpg	recode-sr-latin	wdctl
gpg-error	red	wget
gpg2	rename	whatis
gpgme-json	renew-dummy-cert	whatis.man-db
gpgv2	renice	whereis

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gpic                reset                which
gprof               resizecons          whiptail
grep                resolvectl         who
groff               rev                whoami
grops               rm                 write
grotty              rmdir              x86_64
groups              rnano              x86_64-amazon-linux-gnu-pkg-config
growpart            rngtest            x86_energy_perf_policy
grub2-amazon-setup  rpcbind            xargs
grub2-editenv        rpcinfo            xgettext
grub2-file           rpm                xmlcatalog
grub2-menulst2cfg    rpm2archive        xmllint
grub2-mkimage        rpm2cpio           xmlwf
grub2-mkpasswd-pbkdf2  rpmdb             xxd
grub2-mkrelpath      rpmkeys            xz
grub2-mount          rpmquery           xzcat
grub2-script-check  rpmverify          xzcmp
gsettings           rst2html           xzdec
gsoelim             rst2html4          xzdiff
gtar                rst2html5          xzegrep
gtbl                rst2latex          xzfgrep
gtroff              rst2man            xzgrep
gunzip              rst2odt            xzless
gzexe               rst2odt_prepstyles xzmore
gzip                rst2pseudoxml      yes
hardlink            rst2s5             yepdomainname
hash                rst2xetex          yum
head                rst2xml            zcat
hexdump             rst2pep2html       zcmp
hibinit-agent       rsync              zdiff
homectl             rsync-ssl          zdump
host                run-parts          zegrep
hostid              runcon             zfgrep
hostname            rvi                zforce
hostnamectl          rview              zgrep
hunspell            rvim               zip
i386                sadf               zipcloak
iconv               sar                zipgrep
id                  sbattach           zipinfo
info                sbkeysync          zipnote
infocmp             sbsiglist          zipsplit
infotocap           sbsign             zless
install             sbvarsign          zmore
ionice              sbverify           znew
iostat              scp                zsoelim
ipcmk               screen             zstd
ipcrm               script             zstdcat
ipcs                scriptlive         zstdgrep
irqtop              scriptreplay       zstdless
isosize             sdiff              zstdmt
jobs                secon
join                sed
[ec2-user@ip-172-31-19-79 bin]$ ls -l
total 161596
-rwxr-xr-x. 1 root root      53640 Feb 17  2023 '['
-rwxr-xr-x. 1 root root      33488 Feb  1  2023 ac
-rwxr-xr-x. 1 root root      16616 Jan 30  2023 acpi_listen
-rwxr-xr-x. 1 root root      29192 Oct 27 12:33 addr2line
-rwxr-xr-x. 1 root root         33 Jan 28  2023 alias
-rwxr-xr-x. 1 root root    14059560 Oct 11 16:53 amazon-ssm-agent
lrwxrwxrwx. 1 root root         25 Nov 10 19:54 apropos -> /etc/alternatives/apr
opos
lrwxrwxrwx. 1 root root         6 Feb  1  2023 apropos.man-db -> whatis
-rwxr-xr-x. 1 root root     58184 Oct 27 12:33 ar
-rwxr-xr-x. 1 root root     33016 Feb 17  2023 arch
-rwxr-xr-x. 1 root root     16184 Sep 22 20:11 arpaname
-rwxr-xr-x. 1 root root     36288 Nov  3 16:59 arping
-rwxr-xr-x. 1 root root     716768 Oct 27 12:33 as
-rwsr-xr-x. 1 root root     58064 Jan 30  2023 at
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lrwxrwxrwx. 1 root root      2 Jan 30 2023 atq -> at
lrwxrwxrwx. 1 root root      2 Jan 30 2023 atrm -> at
-rwxr-xr-x. 1 root root    16200 Jan 29 2023 attr
-rwxr-xr-x. 1 root root    15197 Feb  1 2023 audit2allow
lrwxrwxrwx. 1 root root      11 Feb  1 2023 audit2why -> audit2allow
-rwxr-xr-x. 1 root root    20464 Jan 29 2023 aulast
-rwxr-xr-x. 1 root root    16192 Jan 29 2023 aulastlog
-rwxr-xr-x. 1 root root    16192 Jan 29 2023 ausyscall
-rwxr-xr-x. 1 root root    36944 Jan 29 2023 auvirt
lrwxrwxrwx. 1 root root      4 Aug 14 20:55 awk -> gawk
-rwxr-xr-x. 1 root root      819 Feb 15 2023 aws
-rw-r--r--. 1 root root    1432 Feb 15 2023 aws.cmd
-rw-r--r--. 1 root root     204 Feb 15 2023 aws_bash_completer
-rwxr-xr-x. 1 root root    1230 Feb 15 2023 aws_completer
-rw-r--r--. 1 root root    1808 Feb 15 2023 aws_zsh_completer.sh
-rwxr-xr-x. 1 root root   53632 Feb 17 2023 b2sum
-rwxr-xr-x. 1 root root   37144 Feb 17 2023 base32
-rwxr-xr-x. 1 root root   37136 Feb 17 2023 base64
-rwxr-xr-x. 1 root root   37128 Feb 17 2023 basename
-rwxr-xr-x. 1 root root   49760 Feb 17 2023 basenc
-rwxr-xr-x. 1 root root  1440144 Jan 28 2023 bash
lrwxrwxrwx. 1 root root      10 Jan 28 2023 bashbug -> bashbug-64
-rwxr-xr-x. 1 root root     7202 Jan 28 2023 bashbug-64
-rwxr-xr-x. 1 root root     140 Jan 30 2023 batch
-rwxr-xr-x. 1 root root   91480 Jan 30 2023 bc
-rwxr-xr-x. 1 root root      30 Jan 28 2023 bg
-rwxr-xr-x. 1 root root   99392 Sep 12 19:44 bootctl
lrwxrwxrwx. 1 root root      5 Jan 29 2023 bunzip2 -> bzip2
-rwxr-xr-x. 1 root root  107424 Sep 12 19:44 busctl
lrwxrwxrwx. 1 root root      5 Jan 29 2023 bzip2
lrwxrwxrwx. 1 root root      6 Jan 29 2023 bzip2
-rwxr-xr-x. 1 root root     2144 Jan 29 2023 bzdiff
lrwxrwxrwx. 1 root root      6 Jan 29 2023 bzegrep -> bzgrep
lrwxrwxrwx. 1 root root      6 Jan 29 2023 bzfgrep -> bzgrep
-rwxr-xr-x. 1 root root    2058 Jan 29 2023 bzgrep
-rwxr-xr-x. 1 root root   41168 Jan 29 2023 bzip2
-rwxr-xr-x. 1 root root   16376 Jan 29 2023 bzip2recover
lrwxrwxrwx. 1 root root      6 Jan 29 2023 bzless -> bzip2
-rwxr-xr-x. 1 root root     1263 Jan 29 2023 bzip2
-rwxr-xr-x. 1 root root   28616 Oct 27 12:33 c++filt
-rwxr-xr-x. 1 root root     1648 Oct 13 16:38 ca-legacy
-rwxr-xr-x. 1 root root   53848 Jan 29 2023 cal
lrwxrwxrwx. 1 root root      3 Jun  8 20:20 captoinfo -> tic
-rwxr-xr-x. 1 root root   37104 Feb 17 2023 cat
-rwxr-xr-x. 1 root root     3289 Oct 23 22:53 catchsegv
-rwxr-xr-x. 1 root root   37512 Feb  1 2023 catman
-rwxr-xr-x. 1 root root      30 Jan 28 2023 cd
-rwxr-xr-x. 1 root root   14648 Nov  8 00:44 centrino-decode
lrwxrwxrwx. 1 root root      57 Feb 15 2023 cfn-elect-cmd-leader -> ../../opt/
pt/aws/apitools/cfn-init/bin/cfn-elect-cmd-leader
lrwxrwxrwx. 1 root root      53 Feb 15 2023 cfn-get-metadata -> ../../opt/a
ws/apitools/cfn-init/bin/cfn-get-metadata
lrwxrwxrwx. 1 root root      44 Feb 15 2023 cfn-hup -> ../../opt/aws/apitoo
ls/cfn-init/bin/cfn-hup
lrwxrwxrwx. 1 root root      45 Feb 15 2023 cfn-init -> ../../opt/aws/apito
ols/cfn-init/bin/cfn-init
lrwxrwxrwx. 1 root root      55 Feb 15 2023 cfn-send-cmd-event -> ../../opt
/aws/apitools/cfn-init/bin/cfn-send-cmd-event
lrwxrwxrwx. 1 root root      56 Feb 15 2023 cfn-send-cmd-result -> ../../op
t/aws/apitools/cfn-init/bin/cfn-send-cmd-result
lrwxrwxrwx. 1 root root      47 Feb 15 2023 cfn-signal -> ../../opt/aws/api
tools/cfn-init/bin/cfn-signal
-rwxr-xr-x. 1 root root   20384 Jan 29 2023 chacl
-rwsr-xr-x. 1 root root   74360 Feb  3 2023 chage
-rwxr-xr-x. 1 root root     225 Feb  2 2023 chardetect
-rwxr-xr-x. 1 root root   16336 Jan 30 2023 chattr
-rwxr-xr-x. 1 root root   13855 Feb  1 2023 chcat
-rwxr-xr-x. 1 root root   62272 Feb 17 2023 chcon
-rwxr-xr-x. 1 root root   467256 Jan 30 2023 checkmodule

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-rwxr-xr-x. 1 root root 53312 Jan 30 2023 checkpolicy
-rwxr-xr-x. 1 root root 961 Feb 2 2023 chevron
-rwxr-xr-x. 1 root root 58104 Feb 17 2023 chgrp
-rwxr-xr-x. 1 root root 37032 Jan 29 2023 chmem
-rwxr-xr-x. 1 root root 58104 Feb 17 2023 chmod
-rwxr-xr-x. 1 root root 24640 Jan 29 2023 choom
-rwxr-xr-x. 1 root root 62208 Feb 17 2023 chown
-rwxr-xr-x. 1 root root 99808 Jun 5 2023 chronyc
-rwxr-xr-x. 1 root root 28736 Jan 29 2023 chrt
-rwxr-xr-x. 1 root root 16320 Jan 31 2023 chvt
-rwxr-xr-x. 1 root root 24712 May 31 2023 cifsiostat
-rwxr-xr-x. 1 root root 37032 Feb 17 2023 cksum
-rwxr-xr-x. 1 root root 16304 Jun 8 20:21 clear
-rwxr-xr-x. 1 root root 27968 Nov 3 16:59 clockdiff
-rwxr-xr-x. 1 root root 972 Oct 24 09:59 cloud-id
-rwxr-xr-x. 1 root root 976 Oct 24 09:59 cloud-init
-rwxr-xr-x. 1 root root 2112 Oct 24 09:59 cloud-init-per
-rwxr-xr-x. 1 root root 45472 Jan 29 2023 cmp
-rwxr-xr-x. 1 root root 24576 Jan 29 2023 col
-rwxr-xr-x. 1 root root 20440 Jan 29 2023 colcrt
-rwxr-xr-x. 1 root root 16320 Jan 29 2023 colrm
-rwxr-xr-x. 1 root root 36976 Jan 29 2023 column
-rwxr-xr-x. 1 root root 37208 Feb 17 2023 comm
-rwxr-xr-x. 1 root root 35 Jan 28 2023 command
-rwxr-xr-x. 1 root root 74416 Sep 12 19:44 coredumpctl
-rwxr-xr-x. 1 root root 149824 Feb 17 2023 cp
-rwxr-xr-x. 1 root root 149120 Jan 29 2023 cpio
-rwxr-xr-x. 1 root root 76496 Nov 8 00:44 cpupower
lrwxrwxrwx. 1 root root 4 Feb 14 2023 csh -> tcsh
-rwxr-xr-x. 1 root root 112576 Feb 17 2023 csplit
-rwxr-xr-x. 1 root root 223128 Oct 6 21:58 curl
-rwxr-xr-x. 1 root root 49544 Feb 17 2023 cut
-rwxr-xr-x. 1 root root 315336 Sep 6 21:04 cvtsudoers
-rwxr-xr-x. 1 root root 1694568 Jan 30 2023 cyrusbdb2current
-rwxr-xr-x. 1 root root 107136 Feb 17 2023 date
-rwxr-xr-x. 1 root root 241792 Jan 31 2023 dbus-broker
-rwxr-xr-x. 1 root root 133224 Jan 31 2023 dbus-broker-launch
-rwxr-xr-x. 1 root root 49680 Jan 30 2023 dc
-rwxr-xr-x. 1 root root 70360 Feb 17 2023 dd
-rwxr-xr-x. 1 root root 16336 Jan 31 2023 deallocvt
-rwxr-xr-x. 1 root root 20504 Jan 30 2023 debuginfod-find
-rwxr-xr-x. 1 root root 47256 Sep 22 20:11 delv
-rwxr-xr-x. 1 root root 87352 Feb 17 2023 df
-rwxr-xr-x. 1 root root 149576 Jan 29 2023 diff
-rwxr-xr-x. 1 root root 57896 Jan 29 2023 diff3
-rwxr-xr-x. 1 root root 145240 Sep 22 20:11 dig
-rwxr-xr-x. 1 root root 142040 Feb 17 2023 dir
-rwxr-xr-x. 1 root root 41344 Feb 17 2023 dircolors
-rwxr-xr-x. 1 root root 32840 Feb 17 2023 dirname
-rwxr-xr-x. 1 root root 953 Jan 29 2023 distro
-rwxr-xr-x. 1 root root 74272 Jan 29 2023 dmesg
lrwxrwxrwx. 1 root root 5 Jan 31 2023 dnf -> dnf-3
-rwxr-xr-x. 1 root root 2092 Jan 31 2023 dnf-3
lrwxrwxrwx. 1 root root 8 Jan 31 2023 dnsdomainname -> hostname
-rwxr-xr-x. 1 root root 24536 Sep 22 20:11 dnstap-read
lrwxrwxrwx. 1 root root 8 Jan 31 2023 domainname -> hostname
-rwxr-xr-x. 1 root root 89162 Jul 6 20:21 dracut
-rwxr-xr-x. 1 root root 162320 Feb 17 2023 du
-rwxr-xr-x. 1 root root 168584 Jan 31 2023 dumpkeys
-rwxr-xr-x. 1 root root 222200 Jan 30 2023 dwz
-rwxr-xr-x. 1 root root 9075 May 9 2023 ec2-metadata
-rwxr-xr-x. 1 root root 36920 Feb 17 2023 echo
-rwxr-xr-x. 1 root root 53864 Jan 29 2023 ed
-rwxr-xr-x. 1 root root 107848 Feb 10 2023 efisecdb
-rwxr-xr-x. 1 root root 38256 Feb 10 2023 efivar
-rwxr-xr-x. 1 root root 45 Jan 30 2023 egrep
-rwxr-xr-x. 1 root root 45432 Jan 29 2023 eject
-rwxr-xr-x. 1 root root 37576 Oct 27 12:33 elfedit
-rwxr-xr-x. 1 root root 2980 Jan 29 2023 encguess

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-rwxr-xr-x. 1 root root      49960 Feb 17 2023 env
-rwxr-xr-x. 1 root root      37024 Jan 28 2023 envsubst
-rwxr-xr-x. 1 root root     194112 Jan 30 2023 eqn
lrwxrwxrwx. 1 root root         15 Nov  3 23:13 ex -> /usr/libexec/vi
-rwxr-xr-x. 1 root root      41288 Feb 17 2023 expand
-rwxr-xr-x. 1 root root     112312 Feb 17 2023 expr
-rwxr-xr-x. 1 root root      74368 Feb 17 2023 factor
-rwxr-xr-x. 1 root root     24536 Jan 29 2023 fallocate
-rwxr-xr-x. 1 root root     32816 Feb 17 2023 false
-rwxr-xr-x. 1 root root        30 Jan 28 2023 fc
-rwxr-xr-x. 1 root root        30 Jan 28 2023 fg
-rwxr-xr-x. 1 root root     16312 Jan 31 2023 fgconsole
-rwxr-xr-x. 1 root root        45 Jan 30 2023 fgrep
-rwxr-xr-x. 1 root root     29064 Aug 30 20:17 file
-rwxr-xr-x. 1 root root     24640 Jan 29 2023 fincore
-rwxr-xr-x. 1 root root     292856 Jan 30 2023 find
-rwxr-xr-x. 1 root root     67080 Jan 29 2023 findmnt
-rwxr-xr-x. 1 root root       1212 Apr 28 2022 fips-finish-install
-rwxr-xr-x. 1 root root       5374 Apr 28 2022 fips-mode-setup
-rwxr-xr-x. 1 root root     24712 Jan 29 2023 flock
-rwxr-xr-x. 1 root root     41312 Feb 17 2023 fmt
-rwxr-xr-x. 1 root root     41248 Feb 17 2023 fold
-rwxr-xr-x. 1 root root     24584 Feb 10 2023 free
-rwxr-xr-x. 1 root root     32776 Jan 29 2023 funzip
-rwxr-xr-x. 1 root root     75200 Jan 30 2023 fuse2fs
-rwxr-xr-x. 1 root root     24552 Sep  8 08:33 gapplication
-rwxr-xr-x. 1 root root     719088 Aug 14 20:55 gawk
-rwxr-xr-x. 1 root root     53512 Sep  8 08:33 gdbus
-rwxr-xr-x. 1 root root     29264 Oct 23 22:56 gencat
lrwxrwxrwx. 1 root root         3 Jan 30 2023 geqn -> eqn
-rwxr-xr-x. 1 root root     36688 Oct 23 22:56 getconf
-rwxr-xr-x. 1 root root     37336 Oct 23 22:56 getent
-rwxr-xr-x. 1 root root     33344 Jan 29 2023 getfacl
-rwxr-xr-x. 1 root root     25040 Jan 29 2023 getfattr
-rwxr-xr-x. 1 root root     16304 Jan 31 2023 getkeycodes
-rwxr-xr-x. 1 root root     24600 Jan 29 2023 getopt
-rwxr-xr-x. 1 root root        35 Jan 28 2023 getopts
-rwxr-xr-x. 1 root root     36992 Jan 28 2023 gettext
-rwxr-xr-x. 1 root root       5191 Jan 28 2023 gettext.sh
-rwxr-xr-x. 1 root root     98904 Sep  8 08:33 gio
-rwxr-xr-x. 1 root root     20304 Sep  8 08:33 gio-querymodules-64
-rwxr-xr-x. 1 root root     53488 Sep  8 08:33 glib-compile-schemas
lrwxrwxrwx. 1 root root         4 Jan 30 2023 gneqn -> neqn
lrwxrwxrwx. 1 root root         5 Jan 30 2023 gnroff -> nroff
-rwsr-xr-x. 1 root root     78680 Feb  3 2023 gpasswd
-rwxr-xr-x. 1 root root     938568 Jun  5 2023 gpg
-rwxr-xr-x. 1 root root     41176 Jan 29 2023 gpg-error
lrwxrwxrwx. 1 root root         3 Jun  5 2023 gpg2 -> gpg
-rwxr-xr-x. 1 root root     86744 Jan 31 2023 gpgme-json
lrwxrwxrwx. 1 root root         4 Jun  5 2023 gpgv2 -> gpgv
lrwxrwxrwx. 1 root root         3 Jan 30 2023 gpic -> pic
-rwxr-xr-x. 1 root root     105112 Oct 27 12:33 gprof
-rwxr-xr-x. 1 root root     162576 Jan 30 2023 grep
-rwxr-xr-x. 1 root root     99184 Jan 30 2023 groff
-rwxr-xr-x. 1 root root     171360 Jan 30 2023 grops
-rwxr-xr-x. 1 root root     125224 Jan 30 2023 grotty
-rwxr-xr-x. 1 root root     37120 Feb 17 2023 groups
-rwxr-xr-x. 1 root root     22517 Jan 30 2023 growpart
-rwxr-xr-x. 1 root root       3714 Oct 23 10:57 grub2-amazon-setup
-rwxr-xr-x. 1 root root     474720 Oct 23 10:58 grub2-editenv
-rwxr-xr-x. 1 root root     1127808 Oct 23 10:58 grub2-file
-rwxr-xr-x. 1 root root     276000 Oct 23 10:58 grub2-menulst2cfg
-rwxr-xr-x. 1 root root     448816 Oct 23 10:58 grub2-mkimage
-rwxr-xr-x. 1 root root     301872 Oct 23 10:58 grub2-mkpasswd-pbkdf2
-rwxr-xr-x. 1 root root     288896 Oct 23 10:58 grub2-mkrelpath
-rwxr-xr-x. 1 root root     1042328 Oct 23 10:58 grub2-mount
-rwxr-xr-x. 1 root root     322496 Oct 23 10:58 grub2-script-check
-rwxr-xr-x. 1 root root       32944 Sep  8 08:33 gsettings
lrwxrwxrwx. 1 root root         6 Jan 30 2023 gsoelim -> soelim

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lrwxrwxrwx. 1 root root      3 Mar 24 2023 gtar -> tar
lrwxrwxrwx. 1 root root      3 Jan 30 2023 gtbl -> tbl
lrwxrwxrwx. 1 root root      5 Jan 30 2023 gtroff -> troff
-rwxr-xr-x. 1 root root    2350 Feb  8 2023 gunzip
-rwxr-xr-x. 1 root root    6451 Feb  8 2023 gzexe
-rwxr-xr-x. 1 root root  100088 Feb  8 2023 gzip
-rwxr-xr-x. 1 root root   37072 Jan 29 2023 hardlink
-rwxr-xr-x. 1 root root     32 Jan 28 2023 hash
-rwxr-xr-x. 1 root root   45448 Feb 17 2023 head
-rwxr-xr-x. 1 root root   53424 Jan 29 2023 hexdump
-rwxr-xr-x. 1 root root   19144 Jan 31 2023 hibinit-agent
-rwxr-xr-x. 1 root root  157184 Sep 12 19:44 homectl
-rwxr-xr-x. 1 root root  111944 Sep 22 20:11 host
-rwxr-xr-x. 1 root root   33024 Feb 17 2023 hostid
-rwxr-xr-x. 1 root root   24512 Jan 31 2023 hostname
-rwxr-xr-x. 1 root root   33016 Sep 12 19:44 hostnamectl
-rwxr-xr-x. 1 root root  105232 Jan 31 2023 hunspell
lrwxrwxrwx. 1 root root      7 Jan 29 2023 i386 -> setarch
-rwxr-xr-x. 1 root root   66760 Oct 23 22:56 iconv
-rwxr-xr-x. 1 root root   41256 Feb 17 2023 id
-rwxr-xr-x. 1 root root  320376 Jan 30 2023 info
-rwxr-xr-x. 1 root root   65984 Jun  8 20:21 infocmp
lrwxrwxrwx. 1 root root      3 Jun  8 20:20 infotocap -> tic
-rwxr-xr-x. 1 root root  149864 Feb 17 2023 install
-rwxr-xr-x. 1 root root   20464 Jan 29 2023 ionice
-rwxr-xr-x. 1 root root   57800 May 31 2023 iostat
-rwxr-xr-x. 1 root root   24648 Jan 29 2023 ipcmk
-rwxr-xr-x. 1 root root   24576 Jan 29 2023 ipcrm
-rwxr-xr-x. 1 root root   41064 Jan 29 2023 ipcs
-rwxr-xr-x. 1 root root   36904 Jan 29 2023 irqtop
-rwxr-xr-x. 1 root root   16224 Jan 29 2023 isosize
-rwxr-xr-x. 1 root root     32 Jan 28 2023 jobs
-rwxr-xr-x. 1 root root   53704 Feb 17 2023 join
-rwxr-xr-x. 1 root root   78480 Sep 12 19:44 journalctl
-rwxr-xr-x. 1 root root    1698 Feb 16 2023 jp.py
-rwxr-xr-x. 1 root root   32712 Jan 30 2023 jq
lrwxrwxrwx. 1 root root     14 Feb  2 2023 jsdiff -> ./jsdiff-3.9
lrwxrwxrwx. 1 root root     14 Feb  2 2023 jsdiff-3 -> ./jsdiff-3.9
-rwxr-xr-x. 1 root root    1021 Feb  2 2023 jsdiff-3.9
lrwxrwxrwx. 1 root root     15 Feb  2 2023 jsonpatch -> ./jsonpatch-3.9
lrwxrwxrwx. 1 root root     15 Feb  2 2023 jsonpatch-3 -> ./jsonpatch-3.9
-rwxr-xr-x. 1 root root    3664 Feb  2 2023 jsonpatch-3.9
lrwxrwxrwx. 1 root root     17 Feb  2 2023 jsonpointer -> ./jsonpointer-3.9
lrwxrwxrwx. 1 root root     17 Feb  2 2023 jsonpointer-3 -> ./jsonpointer-3.9
-rwxr-xr-x. 1 root root    1840 Feb  2 2023 jsonpointer-3.9
-rwxr-xr-x. 1 root root     973 Feb  2 2023 jsonschema
-rwxr-xr-x. 1 root root   16656 Jan 31 2023 kbd_mode
-rwxr-xr-x. 1 root root   20448 Jan 31 2023 kbinfo
-rwxr-xr-x. 1 root root   20448 Jan 31 2023 kbdrate
-rwxr-xr-x. 1 root root   13070 Sep 12 19:44 kernel-install
-rwxr-xr-x. 1 root root   66336 Mar  6 2023 keyctl
-rwxr-xr-x. 1 root root   32816 Jan 29 2023 kill
-rwxr-xr-x. 1 root root   33848 Feb  1 2023 killall
-rwxr-xr-x. 1 root root  166232 Jan 31 2023 kmod
-rwxr-xr-x. 1 root root   36928 Jan 29 2023 last
lrwxrwxrwx. 1 root root      4 Jan 29 2023 lastb -> last
-rwxr-xr-x. 1 root root   33312 Feb  1 2023 lastcomm
-rwxr-xr-x. 1 root root   29984 Feb  3 2023 lastlog
-rwxr-xr-x. 1 root root   24384 Feb  1 2023 lchfn
-rwxr-xr-x. 1 root root   24384 Feb  1 2023 lchsh
lrwxrwxrwx. 1 root root     20 Nov 10 19:54 ld -> /etc/alternatives/ld
-rwxr-xr-x. 1 root root  120300 Oct 27 12:33 ld.bfd
lrwxrwxrwx. 1 root root     32 Oct 23 22:53 ld.so -> ../../lib64/ld-linux-x86-64.so.2
-rwxr-xr-x. 1 root root    5446 Oct 23 22:53 ldd
-rwxr-xr-x. 1 root root  212744 Mar  1 2023 less
-rwxr-xr-x. 1 root root   16336 Mar  1 2023 lessecho
-rwxr-xr-x. 1 root root   25984 Mar  1 2023 lesskey

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-rwxr-xr-x. 1 root root      3580 Mar  1 2023 lesspipe.sh
-rwxr-xr-x. 1 root root    91080 Feb  1 2023 lexgrog
-rwxr-xr-x. 1 root root   33024 Feb 17 2023 link
-rwxr-xr-x. 1 root root    5997 Feb  1 2023 linux-boot-prober
lrwxrwxrwx. 1 root root        7 Jan 29 2023 linux32 -> setarch
lrwxrwxrwx. 1 root root        7 Jan 29 2023 linux64 -> setarch
-rwxr-xr-x. 1 root root   58096 Feb 17 2023 ln
-rwxr-xr-x. 1 root root  205928 Jan 31 2023 loadkeys
-rwxr-xr-x. 1 root root   32984 Jan 31 2023 loadunimap
-rwxr-xr-x. 1 root root   61656 Oct 23 22:56 locale
-rwxr-xr-x. 1 root root   32968 Sep 12 19:44 localectl
-rwxr-xr-x. 1 root root  322728 Oct 23 22:56 localedef
-rwxr-xr-x. 1 root root   41712 Jan 29 2023 logger
-rwxr-xr-x. 1 root root   45280 Jan 29 2023 login
-rwxr-xr-x. 1 root root   66248 Sep 12 19:44 loginctl
-rwxr-xr-x. 1 root root   33024 Feb 17 2023 logname
-rwxr-xr-x. 1 root root   20416 Jan 29 2023 look
-rwxr-xr-x. 1 root root  142040 Feb 17 2023 ls
-rwxr-xr-x. 1 root root   16336 Jan 30 2023 lsattr
-rwxr-xr-x. 1 root root  128656 Jan 29 2023 lsblk
-rwxr-xr-x. 1 root root  103416 Jan 29 2023 lscpu
-rwxr-xr-x. 1 root root   11111 Jul  6 20:21 lsinitrd
-rwxr-xr-x. 1 root root   53520 Jan 29 2023 lsipc
-rwxr-xr-x. 1 root root   24584 Jan 29 2023 lsirq
-rwxr-xr-x. 1 root root   33136 Jan 29 2023 lslocks
-rwxr-xr-x. 1 root root   53504 Jan 29 2023 lslogins
-rwxr-xr-x. 1 root root    941 Feb  1 2023 lsmcli
-rwxr-xr-x. 1 root root   33072 Feb  1 2023 lsmd
-rwxr-xr-x. 1 root root   37168 Jan 29 2023 lsmem
-rwxr-xr-x. 1 root root   41056 Jan 29 2023 lsns
-rwxr-xr-x. 1 root root  179360 Jan 31 2023 lsof
-rwxr-xr-x. 1 root root    614 Oct 26 20:00 make-dummy-cert
lrwxrwxrwx. 1 root root    21 Nov 10 19:54 man -> /etc/alternatives/man
-rwxr-xr-x. 1 root root   33560 Feb  1 2023 man-recode
-rwxr-xr-x. 1 root root  123096 Feb  1 2023 man.man-db
-rwxr-xr-x. 1 root root  141056 Feb  1 2023 mandb
-rwxr-xr-x. 1 root root   33368 Feb  1 2023 manpath
-rwxr-xr-x. 1 root root   32920 Jan 31 2023 mapscrn
-rwxr-xr-x. 1 root root   28752 Jan 29 2023 mcookie
-rwxr-xr-x. 1 root root   41184 Feb 17 2023 md5sum
-rwxr-xr-x. 1 root root   16216 Jan 29 2023 mesg
lrwxrwxrwx. 1 root root    22 Feb  1 2023 miniterm-3.9.py -> /usr/bin/miniterm-3.py
-rwxr-xr-x. 1 root root   35101 Feb  1 2023 miniterm-3.py
lrwxrwxrwx. 1 root root    22 Feb  1 2023 miniterm.py -> /usr/bin/miniterm-3.py
-rwxr-xr-x. 1 root root   70528 Feb 17 2023 mkdir
-rwxr-xr-x. 1 root root   41376 Feb 17 2023 mkfifo
-rwxr-xr-x. 1 root root   45512 Feb 17 2023 mknod
-rwxr-xr-x. 1 root root   41352 Feb 17 2023 mktemp
-rwxr-xr-x. 1 root root   28984 Feb  1 2023 mmdblookup
-rwxr-xr-x. 1 root root   29176 Feb  1 2023 modulemd-validator
-rwxr-xr-x. 1 root root   45264 Jan 29 2023 more
-rwsr-xr-x. 1 root root   49272 Jan 29 2023 mount
-rwxr-xr-x. 1 root root   20424 Jan 29 2023 mountpoint
-rwxr-xr-x. 1 root root   53640 May 31 2023 mpstat
-rwxr-xr-x. 1 root root   28608 Jan 28 2023 msgattrib
-rwxr-xr-x. 1 root root   28512 Jan 28 2023 msgcat
-rwxr-xr-x. 1 root root   28712 Jan 28 2023 msgcmp
-rwxr-xr-x. 1 root root   28512 Jan 28 2023 msgcomm
-rwxr-xr-x. 1 root root   24408 Jan 28 2023 msgconv
-rwxr-xr-x. 1 root root   24408 Jan 28 2023 msgen
-rwxr-xr-x. 1 root root   24416 Jan 28 2023 msgexec
-rwxr-xr-x. 1 root root   36944 Jan 28 2023 msgfilter
-rwxr-xr-x. 1 root root   86888 Jan 28 2023 msgfmt
-rwxr-xr-x. 1 root root  124592 Jan 28 2023 msggrep
-rwxr-xr-x. 1 root root   69840 Jan 28 2023 msginit
-rwxr-xr-x. 1 root root   78072 Jan 28 2023 msgmerge
-rwxr-xr-x. 1 root root   41056 Jan 28 2023 msgunfmt

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-rwxr-xr-x. 1 root root      28512 Jan 28 2023 msguniq
-rwxr-xr-x. 1 root root     141536 Feb 17 2023 mv
-rwxr-xr-x. 1 root root      24568 Jan 29 2023 namei
-rwxr-xr-x. 1 root root     355592 Feb  1 2023 nano
-rwxr-xr-x. 1 root root        916 Jan 30 2023 neqn
-rwxr-xr-x. 1 root root     161744 Feb  1 2023 netstat
-rwxr-xr-x. 1 root root     120256 Sep 12 19:44 networkctl
-rwxr-xr-x. 1 root root      43616 Feb  3 2023 newgidmap
-rwsr-xr-x. 1 root root      42392 Feb  3 2023 newgrp
-rwxr-xr-x. 1 root root      39504 Feb  3 2023 newuidmap
-rwxr-xr-x. 1 root root      36984 Jan 28 2023 ngettext
-rwxr-xr-x. 1 root root      37120 Feb 17 2023 nice
lrwxrwxrwx. 1 root root         8 Jan 31 2023 nisdomainname -> hostname
-rwxr-xr-x. 1 root root     107792 Feb 17 2023 nl
-rwxr-xr-x. 1 root root      50896 Oct 27 12:33 nm
-rwxr-xr-x. 1 root root      37040 Feb 17 2023 nohup
-rwxr-xr-x. 1 root root      37144 Feb 17 2023 nproc
-rwxr-xr-x. 1 root root       3285 Jan 30 2023 nroff
-rwxr-xr-x. 1 root root      28912 Jan 29 2023 nsenter
-rwxr-xr-x. 1 root root     120104 Sep 22 20:11 nslookup
-rwxr-xr-x. 1 root root      82496 Sep 22 20:11 nsupdate
-rwxr-xr-x. 1 root root      57768 Feb 17 2023 numfmt
-rwxr-xr-x. 1 root root     195304 Oct 27 12:33 objcopy
-rwxr-xr-x. 1 root root     461632 Oct 27 12:33 objdump
-rwxr-xr-x. 1 root root      66200 Feb 17 2023 od
-rwxr-xr-x. 1 root root      20528 Sep 12 19:44 oomctl
-rwxr-xr-x. 1 root root    1000360 Oct 26 20:00 openssl
-rwxr-xr-x. 1 root root      24904 Jan 31 2023 openvt
-rwxr-xr-x. 1 root root       5919 Feb  1 2023 os-prober
-rwxr-xr-x. 1 root root      32888 Sep 11 08:05 pll-kit
-rwsr-xr-x. 1 root root      32776 Feb  1 2023 passwd
-rwxr-xr-x. 1 root root      37032 Feb 17 2023 paste
-rwxr-xr-x. 1 root root      37112 Feb 17 2023 pathchk
-rwxr-xr-x. 1 root root      16296 Feb  1 2023 peekfd
-rwxr-xr-x. 2 root root      16000 Jun 14 21:06 perl
-rwxr-xr-x. 2 root root      16000 Jun 14 21:06 perl5.32.1
-rwxr-xr-x. 1 root root       118 Jun 14 23:48 perldoc
-rwxr-xr-x. 1 root root      32848 Feb 10 2023 pgrep
-rwxr-xr-x. 1 root root     202544 Jan 30 2023 pic
-rwxr-xr-x. 1 root root       8271 Jan 29 2023 piconv
-rwxr-xr-x. 1 root root      24552 Feb 10 2023 pidof
-rwxr-xr-x. 1 root root      53616 May 31 2023 pidstat
-rwxr-xr-x. 1 root root      32848 Feb 10 2023 pidwait
-rwxr-xr-x. 1 root root      95272 Nov  3 16:59 ping
-rwxr-xr-x. 1 root root      37056 Feb 17 2023 pinky
-rwxr-xr-x. 1 root root       335 Apr 11 2023 pkg-config
-rwxr-xr-x. 1 root root      47216 Apr 11 2023 pkgconf
-rwxr-xr-x. 1 root root      32848 Feb 10 2023 pkill
-rwxr-xr-x. 1 root root      25096 Oct 23 22:56 pldd
-rwxr-xr-x. 1 root root      36920 Feb 10 2023 pmap
-rwxr-xr-x. 1 root root      15034 Jan 29 2023 pod2man
-rwxr-xr-x. 1 root root      10803 Jan 29 2023 pod2text
-rwxr-xr-x. 1 root root       4107 Jan 29 2023 pod2usage
-rwxr-xr-x. 1 root root      62104 Sep 12 19:44 portablectl
-rwxr-xr-x. 1 root root     208760 Jan 30 2023 post-grohtml
-rwxr-xr-x. 1 root root      14664 Nov  8 00:44 pownow-k8-decode
-rwxr-xr-x. 1 root root      74600 Feb 17 2023 pr
-rwxr-xr-x. 1 root root      95248 Jan 30 2023 pre-grohtml
-rwxr-xr-x. 1 root root      57728 Jan 30 2023 preconv
-rwxr-xr-x. 1 root root      32832 Feb 17 2023 printenv
-rwxr-xr-x. 1 root root      53608 Feb 17 2023 printf
-rwxr-xr-x. 1 root root      29208 Jan 29 2023 prlimit
-rwxr-xr-x. 1 root root      24520 Feb  1 2023 prtstat
-rwxr-xr-x. 1 root root     145208 Feb 10 2023 ps
lrwxrwxrwx. 1 root root         9 Jan 31 2023 psfaddtable -> psfxtable
lrwxrwxrwx. 1 root root         9 Jan 31 2023 psfgettable -> psfxtable
lrwxrwxrwx. 1 root root         9 Jan 31 2023 psfstriptide -> psfxtable
-rwxr-xr-x. 1 root root      32784 Jan 31 2023 psfxtable
-rwxr-xr-x. 1 root root      16184 Feb  1 2023 pslog

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-rwxr-xr-x. 1 root root      37888 Feb  1  2023 pstree
lrwxrwxrwx. 1 root root         6 Feb  1  2023 pstree.x11 -> pstree
-rwxr-xr-x. 1 root root    133232 Feb 17  2023 ptx
-rwxr-xr-x. 1 root root    37152 Feb 17  2023 pwd
-rwxr-xr-x. 1 root root    16320 Feb 10  2023 pwdx
-rwxr-xr-x. 1 root root    16200 Jan 30  2023 pwmake
-rwxr-xr-x. 1 root root    16184 Jan 30  2023 pwscore
lrwxrwxrwx. 1 root root         8 Sep  8 09:47 pydoc -> ./pydoc3
lrwxrwxrwx. 1 root root         8 Sep  8 09:47 pydoc3 -> pydoc3.9
-rwxr-xr-x. 1 root root        78 Sep  8 09:47 pydoc3.9
lrwxrwxrwx. 1 root root         9 Sep  8 09:47 python3 -> python3.9
-rwxr-xr-x. 1 root root    16168 Sep  8 09:47 python3.9
-rwxr-xr-x. 1 root root   711488 Oct 26 08:12 pzstd
-rwxr-xr-x. 1 root root    84200 Feb  2  2023 quota
-rwxr-xr-x. 1 root root    67000 Feb  2  2023 quotasync
-rwxr-xr-x. 1 root root    58192 Oct 27 12:33 ranlib
-rwxr-xr-x. 1 root root        32 Jan 28  2023 read
-rwxr-xr-x. 1 root root   832824 Oct 27 12:33 readelf
-rwxr-xr-x. 1 root root    41232 Feb 17  2023 readlink
-rwxr-xr-x. 1 root root    41320 Feb 17  2023 realpath
-rwxr-xr-x. 1 root root    16208 Jan 28  2023 recode-sr-latin
-rwxr-xr-x. 1 root root        92 Jan 29  2023 red
-rwxr-xr-x. 1 root root    24568 Jan 29  2023 rename
-rwxr-xr-x. 1 root root        729 Oct 26 20:00 renew-dummy-cert
-rwxr-xr-x. 1 root root    16312 Jan 29  2023 renice
lrwxrwxrwx. 1 root root         4 Jun  8 20:20 reset -> tset
-rwxr-xr-x. 1 root root   28808 Jan 31  2023 resizecons
-rwxr-xr-x. 1 root root   162072 Sep 12 19:44 resolvectl
-rwxr-xr-x. 1 root root    16304 Jan 29  2023 rev
-rwxr-xr-x. 1 root root    62248 Feb 17  2023 rm
-rwxr-xr-x. 1 root root    45264 Feb 17  2023 rmdir
lrwxrwxrwx. 1 root root         4 Feb  1  2023 rnano -> nano
-rwxr-xr-x. 1 root root    21256 Feb  2  2023 rngtest
-rwxr-xr-x. 1 root root    66072 Feb  2  2023 rpcbind
-rwxr-xr-x. 1 root root    37096 Feb  2  2023 rpcinfo
-rwxr-xr-x. 1 root root    24904 Apr 17  2023 rpm
-rwxr-xr-x. 1 root root    24384 Apr 17  2023 rpm2archive
-rwxr-xr-x. 1 root root    16184 Apr 17  2023 rpm2cpio
-rwxr-xr-x. 1 root root    20912 Apr 17  2023 rpmdb
-rwxr-xr-x. 1 root root    16664 Apr 17  2023 rpmkeys
lrwxrwxrwx. 1 root root         3 Apr 17  2023 rpmquery -> rpm
lrwxrwxrwx. 1 root root         3 Apr 17  2023 rpmverify -> rpm
-rwxr-xr-x. 1 root root        597 Jan 29  2023 rst2html
-rwxr-xr-x. 1 root root        717 Jan 29  2023 rst2html4
-rwxr-xr-x. 1 root root       1140 Jan 29  2023 rst2html5
-rwxr-xr-x. 1 root root        794 Jan 29  2023 rst2latex
-rwxr-xr-x. 1 root root        602 Jan 29  2023 rst2man
-rwxr-xr-x. 1 root root        767 Jan 29  2023 rst2odt
-rwxr-xr-x. 1 root root       1729 Jan 29  2023 rst2odt_prestyles
-rwxr-xr-x. 1 root root        604 Jan 29  2023 rst2pseudoxml
-rwxr-xr-x. 1 root root        640 Jan 29  2023 rst2s5
-rwxr-xr-x. 1 root root        874 Jan 29  2023 rst2xetex
-rwxr-xr-x. 1 root root        605 Jan 29  2023 rst2xml
-rwxr-xr-x. 1 root root        673 Jan 29  2023 rstpep2html
-rwxr-xr-x. 1 root root   562816 Feb  2  2023 rsync
-rwxr-xr-x. 1 root root       5132 Sep 26  2021 rsync-ssl
-rwxr-xr-x. 1 root root       1987 Jan 30  2023 run-parts
-rwxr-xr-x. 1 root root    37112 Feb 17  2023 runcon
lrwxrwxrwx. 1 root root        15 Nov  3 23:13 rvi -> /usr/libexec/vi
lrwxrwxrwx. 1 root root        15 Nov  3 23:13 rview -> /usr/libexec/vi
lrwxrwxrwx. 1 root root         3 Nov  3 23:13 rvim -> vim
-rwxr-xr-x. 1 root root   413392 May 31  2023 sadf
-rwxr-xr-x. 1 root root   140232 May 31  2023 sar
-rwxr-xr-x. 1 root root    29032 Feb  2  2023 sbattach
-rwxr-xr-x. 1 root root    37624 Feb  2  2023 sbkeysync
-rwxr-xr-x. 1 root root    16728 Feb  2  2023 sbsiglist
-rwxr-xr-x. 1 root root    41584 Feb  2  2023 sb sign
-rwxr-xr-x. 1 root root    25016 Feb  2  2023 sbvarsign
-rwxr-xr-x. 1 root root    37184 Feb  2  2023 sbverify

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-rwxr-xr-x. 1 root root      137400 Sep  6 18:43 scp
-rwxr-sr-x. 1 root screen  504160 Jun  8 20:46 screen
-rwxr-xr-x. 1 root root      53584 Jan 29 2023 script
-rwxr-xr-x. 1 root root      45304 Jan 29 2023 scriptlive
-rwxr-xr-x. 1 root root      36928 Jan 29 2023 scriptreplay
-rwxr-xr-x. 1 root root      49640 Jan 29 2023 sdiff
-rwxr-xr-x. 1 root root      29728 Feb  1 2023 secon
-rwxr-xr-x. 1 root root     116840 Jan 30 2023 sed
-rwxr-xr-x. 1 root root     297384 Jan 30 2023 sedismod
-rwxr-xr-x. 1 root root     218408 Jan 30 2023 sedispol
-rwxr-xr-x. 1 root root      16224 Feb  1 2023 semodule_expand
-rwxr-xr-x. 1 root root      16224 Feb  1 2023 semodule_link
-rwxr-xr-x. 1 root root      16624 Feb  1 2023 semodule_package
-rwxr-xr-x. 1 root root      16216 Feb  1 2023 semodule_unpackage
-rwxr-xr-x. 1 root root      49528 Feb 17 2023 seq
-rwxr-xr-x. 1 root root      24424 Feb  1 2023 sestatus
-rwxr-xr-x. 1 root root      28920 Jan 29 2023 setarch
-rwxr-xr-x. 1 root root      41720 Jan 29 2023 setfacl
-rwxr-xr-x. 1 root root      20744 Jan 29 2023 setfattr
-rwxr-xr-x. 1 root root      53640 Jan 31 2023 setfont
-rwxr-xr-x. 1 root root      16352 Jan 31 2023 setkeycodes
-rwxr-xr-x. 1 root root      20520 Jan 31 2023 settleds
-rwxr-xr-x. 1 root root      16456 Jan 31 2023 setmetamode
-rwxr-xr-x. 1 root root      41072 Jan 29 2023 setpriv
-rwxr-xr-x. 1 root root      16216 Jan 29 2023 setsid
-rwxr-xr-x. 1 root root      36968 Jan 29 2023 setterm
lrwxrwxrwx. 1 root root          19 Aug 17 16:28 setup-nsssysinit -> setup-nsssys
init.sh
-rwxr-xr-x. 1 root root      1543 Aug 17 16:28 setup-nsssysinit.sh
-rwxr-xr-x. 1 root root      2168 Oct 24 18:29 setup-policy-routes
-rwxr-xr-x. 1 root root      16408 Jan 31 2023 setvtrgb
-rwxr-xr-x. 1 root root     149672 Sep  6 18:43 sftp
lrwxrwxrwx. 1 root root          6 Feb  3 2023 sg -> newgrp
lrwxrwxrwx. 1 root root          4 Jan 28 2023 sh -> bash
-rwxr-xr-x. 6 root root      36896 Feb  1 2023 shahmac
-rwxr-xr-x. 1 root root      41192 Feb 17 2023 shasum
-rwxr-xr-x. 6 root root      36896 Feb  1 2023 sha224hmac
-rwxr-xr-x. 1 root root      41184 Feb 17 2023 sha224sum
-rwxr-xr-x. 6 root root      36896 Feb  1 2023 sha256hmac
-rwxr-xr-x. 1 root root      41184 Feb 17 2023 sha256sum
-rwxr-xr-x. 6 root root      36896 Feb  1 2023 sha384hmac
-rwxr-xr-x. 1 root root      41184 Feb 17 2023 sha384sum
-rwxr-xr-x. 6 root root      36896 Feb  1 2023 sha512hmac
-rwxr-xr-x. 1 root root      41184 Feb 17 2023 sha512sum
-rwxr-xr-x. 1 root root      20528 Jan 31 2023 showconsolefont
-rwxr-xr-x. 1 root root      20472 Jan 31 2023 showkey
-rwxr-xr-x. 1 root root      53712 Feb 17 2023 shred
-rwxr-xr-x. 1 root root      49736 Feb 17 2023 shuf
-rwxr-xr-x. 1 root root      1233 Feb  1 2023 sim_lsmlplugin
-rwxr-xr-x. 1 root root     125000 Feb  1 2023 simc_lsmlplugin
-rwxr-xr-x. 1 root root      33144 Oct 27 12:33 size
-rwxr-xr-x. 1 root root      32824 Feb 10 2023 skill
-rwxr-xr-x. 1 root root      24672 Feb 10 2023 slabtop
-rwxr-xr-x. 1 root root      37112 Feb 17 2023 sleep
-rwxr-xr-x. 6 root root      36896 Feb  1 2023 sm3hmac
-rwxr-xr-x. 1 root root      32824 Feb 10 2023 snice
lrwxrwxrwx. 1 root root          24 Nov 10 19:54 soelim -> /etc/alternatives/soelim
im
-rwxr-xr-x. 1 root root      37168 Jan 30 2023 soelim.groff
-rwxr-xr-x. 1 root root     116912 Feb 17 2023 sort
-rwxr-xr-x. 1 root root      4282 Oct 23 22:53 sotruss
-rwxr-xr-x. 1 root root      54144 Feb 17 2023 split
-rwxr-xr-x. 1 root root      36912 Oct 23 22:56 sproff
-rwxr-xr-x. 1 root root     864880 Sep  6 18:43 ssh
-rwxr-xr-x. 1 root root     169920 Sep  6 18:43 ssh-add
-rwxr-xr-x. 1 root root     288848 Sep  6 18:43 ssh-agent
-rwxr-xr-x. 1 root root      12680 Sep  6 18:42 ssh-copy-id
-rwxr-xr-x. 1 root root     467008 Sep  6 18:43 ssh-keygen
-rwxr-xr-x. 1 root root     203240 Sep  6 18:43 ssh-keyscan

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-rwxr-xr-x. 1 root root 23398464 Oct 11 16:53 ssm-agent-worker
-rwxr-xr-x. 1 root root 19315376 Oct 11 16:53 ssm-cli
-rwxr-xr-x. 1 root root 21735816 Oct 11 16:53 ssm-document-worker
-rwxr-xr-x. 1 root root 9684832 Oct 11 16:53 ssm-session-logger
-rwxr-xr-x. 1 root root 17282176 Oct 11 16:53 ssm-session-worker
-rwxr-xr-x. 1 root root 24624 Feb 14 2023 sss_ssh_authorizedkeys
-rwxr-xr-x. 1 root root 28720 Feb 14 2023 sss_ssh_knownhostsproxy
-rwxr-xr-x. 1 root root 16192 Feb 16 2023 stap-merge
-rwxr-xr-x. 1 root root 4919 Feb 16 2023 stap-report
-rwxr-xr-x. 1 root root 192888 Feb 16 2023 stapbpff
-rwxr-xr-x. 1 root root 134856 Feb 16 2023 stapdyn
---s--x---. 1 root stapusr 120568 Feb 16 2023 staprun
-rwxr-xr-x. 1 root root 32872 Feb 16 2023 stapsh
-rwxr-xr-x. 1 root root 86656 Feb 17 2023 stat
-rwxr-xr-x. 1 root root 49480 Feb 17 2023 stdbuf
-rwxr-xr-x. 1 root root 2001008 Feb 2 2023 strace
-rwxr-xr-x. 1 root root 1825 Feb 16 2021 strace-log-merge
-rwxr-xr-x. 1 root root 33272 Oct 27 12:33 strings
-rwxr-xr-x. 1 root root 195288 Oct 27 12:33 strip
-rwxr-xr-x. 1 root root 78232 Feb 17 2023 stty
-rwsr-xr-x. 1 root root 57728 Jan 29 2023 su
---s--x--x. 1 root root 202328 Sep 6 21:04 sudo
lrwxrwxrwx. 1 root root 4 Sep 6 21:04 sudoedit -> sudo
---x--x--x. 1 root root 91472 Sep 6 21:04 sudoreplay
-rwxr-xr-x. 1 root root 37032 Feb 17 2023 sum
-rwxr-xr-x. 1 root root 36984 Feb 17 2023 sync
-rwxr-xr-x. 1 root root 302536 Sep 12 19:44 systemctl
-rwxr-xr-x. 1 root root 207064 Sep 12 19:44 systemd-analyze
-rwxr-xr-x. 1 root root 20600 Sep 12 19:44 systemd-ask-password
-rwxr-xr-x. 1 root root 20424 Sep 12 19:44 systemd-cat
-rwxr-xr-x. 1 root root 24776 Sep 12 19:44 systemd-cgls
-rwxr-xr-x. 1 root root 41120 Sep 12 19:44 systemd-cgtop
-rwxr-xr-x. 1 root root 45600 Sep 12 19:44 systemd-creds
-rwxr-xr-x. 1 root root 66192 Sep 12 19:44 systemd-cryptenroll
-rwxr-xr-x. 1 root root 28744 Sep 12 19:44 systemd-delta
-rwxr-xr-x. 1 root root 20416 Sep 12 19:44 systemd-detect-virt
-rwxr-xr-x. 1 root root 49680 Sep 12 19:44 systemd-dissect
-rwxr-xr-x. 1 root root 24512 Sep 12 19:44 systemd-escape
-rwxr-xr-x. 1 root root 58096 Sep 12 19:44 systemd-firstboot
-rwxr-xr-x. 1 root root 20512 Sep 12 19:44 systemd-hwdb
-rwxr-xr-x. 1 root root 28808 Sep 12 19:44 systemd-id128
-rwxr-xr-x. 1 root root 24560 Sep 12 19:44 systemd-inhibit
-rwxr-xr-x. 1 root root 20744 Sep 12 19:44 systemd-machine-id-setup
-rwxr-xr-x. 1 root root 62136 Sep 12 19:44 systemd-mount
-rwxr-xr-x. 1 root root 24648 Sep 12 19:44 systemd-notify
-rwxr-xr-x. 1 root root 20408 Sep 12 19:44 systemd-path
-rwxr-xr-x. 1 root root 174320 Sep 12 19:44 systemd-repart
lrwxrwxrwx. 1 root root 10 Sep 12 19:44 systemd-resolve -> resolvectl
-rwxr-xr-x. 1 root root 66216 Sep 12 19:44 systemd-run
-rwxr-xr-x. 1 root root 28776 Sep 12 19:44 systemd-socket-activate
-rwxr-xr-x. 1 root root 24520 Sep 12 19:44 systemd-stdio-bridge
-rwxr-xr-x. 1 root root 49640 Sep 12 19:44 systemd-sysex
-rwxr-xr-x. 1 root root 74640 Sep 12 19:44 systemd-sysusers
-rwxr-xr-x. 1 root root 124088 Sep 12 19:44 systemd-tmpfiles
-rwxr-xr-x. 1 root root 37000 Sep 12 19:44 systemd-tty-ask-password-agent
lrwxrwxrwx. 1 root root 13 Sep 12 19:44 systemd-umount -> systemd-mount
-rwxr-xr-x. 1 root root 20416 Jun 8 20:21 tabs
-rwxr-xr-x. 1 root root 108208 Feb 17 2023 tac
-rwxr-xr-x. 1 root root 70320 Feb 17 2023 tail
-rwxr-xr-x. 1 root root 28808 May 31 2023 tapestat
-rwxr-xr-x. 1 root root 527704 Mar 24 2023 tar
-rwxr-xr-x. 1 root root 24568 Jan 29 2023 taskset
-rwxr-xr-x. 1 root root 138184 Jan 30 2023 tbl
-rwxr-xr-x. 1 root root 1586 Mar 8 2016 tcptraceroute
-rwxr-xr-x. 1 root root 488200 Feb 14 2023 tcsh
-rwxr-xr-x. 1 root root 37144 Feb 17 2023 tee
-rwxr-xr-x. 1 root root 45440 Feb 17 2023 test
-rwxr-xr-x. 1 root root 90672 Jun 8 20:21 tic
-rwxr-xr-x. 1 root root 28840 Feb 2 2023 time

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-rwxr-xr-x. 1 root root 49576 Sep 12 19:44 timedatectl
-rwxr-xr-x. 1 root root 41736 Feb 17 2023 timeout
-rwxr-xr-x. 1 root root 20464 Feb 10 2023 tload
-rwxr-xr-x. 1 root root 24576 Jun 8 20:21 toe
-rwxr-xr-x. 1 root root 136624 Feb 10 2023 top
-rwxr-xr-x. 1 root root 94824 Feb 17 2023 touch
-rwxr-xr-x. 1 root root 24608 Jun 8 20:21 tput
-rwxr-xr-x. 1 root root 49600 Feb 17 2023 tr
-rwxr-xr-x. 1 root root 27928 Nov 3 16:59 tracepath
-rwxr-xr-x. 1 root root 79784 Feb 2 2023 traceroute
lrwxrwxrwx. 1 root root 10 Feb 2 2023 traceroute6 -> traceroute
-rwxr-xr-x. 1 root root 749736 Jan 30 2023 troff
-rwxr-xr-x. 1 root root 32824 Feb 17 2023 true
-rwxr-xr-x. 1 root root 37112 Feb 17 2023 truncate
-rwxr-xr-x. 1 root root 211008 Sep 11 08:05 trust
-rwxr-xr-x. 1 root root 28776 Jun 8 20:21 tset
-rwxr-xr-x. 1 root root 49520 Feb 17 2023 tsort
-rwxr-xr-x. 1 root root 33000 Feb 17 2023 tty
-rwxr-xr-x. 1 root root 129240 Nov 8 00:44 turbostat
-rwxr-xr-x. 1 root root 32 Jan 28 2023 type
-rwxr-xr-x. 1 root root 15352 Oct 23 22:53 tzselect
-rwxr-xr-x. 1 root root 28824 Jan 29 2023 uclampset
-rwxr-xr-x. 1 root root 590752 Sep 12 19:44 udevadm
-rwxr-xr-x. 1 root root 24600 Jan 29 2023 ul
-rwxr-xr-x. 1 root root 34 Jan 28 2023 ulimit
-rwxr-xr-x. 1 root root 33 Jan 28 2023 umask
-rwsr-xr-x. 1 root root 36896 Jan 29 2023 umount
-rwxr-xr-x. 1 root root 35 Jan 28 2023 unalias
-rwxr-xr-x. 1 root root 33016 Feb 17 2023 uname
lrwxrwxrwx. 1 root root 7 Jan 29 2023 uname26 -> setarch
-rwxr-xr-x. 1 root root 41280 Feb 17 2023 unexpand
-rwxr-xr-x. 1 root root 2633 Jan 31 2023 unicode_start
-rwxr-xr-x. 1 root root 367 Feb 27 2012 unicode_stop
-rwxr-xr-x. 1 root root 45472 Feb 17 2023 uniq
-rwxr-xr-x. 1 root root 33016 Feb 17 2023 unlink
-rwxr-xr-x. 1 root root 37192 Jan 29 2023 unshare
lrwxrwxrwx. 1 root root 2 Jan 29 2023 unxz -> xz
-rwxr-xr-x. 2 root root 201952 Jan 29 2023 unzip
-rwxr-xr-x. 1 root root 90568 Jan 29 2023 unzipsfx
lrwxrwxrwx. 1 root root 4 Oct 26 08:12 unzstd -> zstd
-rwxr-xr-x. 1 root root 1851 Oct 13 16:38 update-ca-trust
-rwxr-xr-x. 1 root root 87 Apr 28 2022 update-crypto-policies
-rwxr-xr-x. 1 root root 16336 Feb 10 2023 uptime
-rwxr-xr-x. 1 root root 53768 Sep 12 19:44 userdbctl
-rwxr-xr-x. 1 root root 37136 Feb 17 2023 users
-rwxr-xr-x. 1 root root 16168 Jan 31 2023 usleep
-rwxr-xr-x. 1 root root 24552 Jan 29 2023 utmpdump
-rwxr-xr-x. 1 root root 20320 Jan 29 2023 uuidgen
-rwxr-xr-x. 1 root root 24560 Jan 29 2023 uuidparse
-rwxr-xr-x. 1 root root 142040 Feb 17 2023 vdir
-rwxr-xr-x. 1 root root 691 Nov 3 23:13 vi
-rwxr-xr-x. 1 root root 150 Nov 3 23:13 view
-rwxr-xr-x. 1 root root 4216280 Nov 3 23:13 vim
lrwxrwxrwx. 1 root root 3 Nov 3 23:13 vimdiff -> vim
-rwxr-xr-x. 1 root root 2158 Nov 3 23:13 vintutor
-rwxr-xr-x. 1 root root 24760 Jan 31 2023 vlock
-rwxr-xr-x. 1 root root 41016 Feb 10 2023 vmstat
-rwxr-xr-x. 1 root root 24584 Feb 10 2023 w
-rwxr-xr-x. 1 root root 32 Jan 28 2023 wait
-rwxr-xr-x. 1 root root 24568 Jan 29 2023 wall
-rwxr-xr-x. 1 root root 29200 Feb 10 2023 watch
-rwxr-xr-x. 1 root root 45360 Feb 17 2023 wc
-rwxr-xr-x. 1 root root 32872 Jan 29 2023 wdctl
-rwxr-xr-x. 1 root root 526528 Jun 5 2023 wget
lrwxrwxrwx. 1 root root 24 Nov 10 19:54 whatis -> /etc/alternatives/what
is
-rwxr-xr-x. 1 root root 50472 Feb 1 2023 whatis.man-db
-rwxr-xr-x. 1 root root 33392 Jan 29 2023 whereis
-rwxr-xr-x. 1 root root 29344 Jan 30 2023 which

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-rwxr-xr-x. 1 root root      36904 Feb  1  2023 whiptail
-rwxr-xr-x. 1 root root      53600 Feb 17  2023 who
-rwxr-xr-x. 1 root root      33024 Feb 17  2023 whoami
-rwxr-sr-x. 1 root tty       24576 Jan 29  2023 write
lrwxrwxrwx. 1 root root         7 Jan 29  2023 x86_64 -> setarch
-rwxr-xr-x. 1 root root        615 Apr 11  2023 x86_64-amazon-linux-gnu-pkg-conf
ig
-rwxr-xr-x. 1 root root      31912 Nov  8 00:44 x86_energy_perf_policy
-rwxr-xr-x. 1 root root      66200 Jan 30  2023 xargs
-rwxr-xr-x. 1 root root     305128 Jan 28  2023 xgettext
-rwxr-xr-x. 1 root root      24496 Oct 11 18:18 xmlcatalog
-rwxr-xr-x. 1 root root      83264 Oct 11 18:18 xmllint
-rwxr-xr-x. 1 root root      41376 Jan 29  2023 xmlwf
-rwxr-xr-x. 1 root root      24736 Nov  3 23:13 xxd
-rwxr-xr-x. 1 root root      87080 Jan 29  2023 xz
lrwxrwxrwx. 1 root root         2 Jan 29  2023 xzcat -> xz
lrwxrwxrwx. 1 root root         6 Jan 29  2023 xzcmp -> xzdiff
-rwxr-xr-x. 1 root root     16328 Jan 29  2023 xzdec
-rwxr-xr-x. 1 root root        6637 Jan 29  2023 xzdiff
lrwxrwxrwx. 1 root root         6 Jan 29  2023 xzegrep -> xzegrep
lrwxrwxrwx. 1 root root         6 Jan 29  2023 xzfgrep -> xzegrep
-rwxr-xr-x. 1 root root      5908 Jan 29  2023 xzegrep
-rwxr-xr-x. 1 root root      1803 Jan 29  2023 xzless
-rwxr-xr-x. 1 root root      2166 Jan 29  2023 xzmore
-rwxr-xr-x. 1 root root     32856 Feb 17  2023 yes
lrwxrwxrwx. 1 root root         8 Jan 31  2023 ypdomainname -> hostname
lrwxrwxrwx. 1 root root         5 Jan 31  2023 yum -> dnf-3
-rwxr-xr-x. 1 root root      1988 Feb  8  2023 zcat
-rwxr-xr-x. 1 root root      1682 Feb  8  2023 zcmp
-rwxr-xr-x. 1 root root      6464 Feb  8  2023 zdiff
-rwxr-xr-x. 1 root root     28616 Oct 23 22:56 zdump
-rwxr-xr-x. 1 root root        33 Feb  8  2023 zegrep
-rwxr-xr-x. 1 root root        33 Feb  8  2023 zfgrep
-rwxr-xr-x. 1 root root     2085 Feb  8  2023 zforce
-rwxr-xr-x. 1 root root     8116 Feb  8  2023 zgrep
-rwxr-xr-x. 1 root root    202824 Jan 29  2023 zip
-rwxr-xr-x. 1 root root     74144 Jan 29  2023 zipcloak
-rwxr-xr-x. 1 root root      2957 Oct 10  2008 zipgrep
-rwxr-xr-x. 2 root root    201952 Jan 29  2023 zipinfo
-rwxr-xr-x. 1 root root     65800 Jan 29  2023 zipnote
-rwxr-xr-x. 1 root root     65720 Jan 29  2023 zipsplit
-rwxr-xr-x. 1 root root      2210 Feb  8  2023 zless
-rwxr-xr-x. 1 root root      1846 Feb  8  2023 zmore
-rwxr-xr-x. 1 root root      4581 Feb  8  2023 znew
lrwxrwxrwx. 1 root root         6 Jan 30  2023 zsoelim -> soelim
-rwxr-xr-x. 1 root root     896200 Oct 26 08:12 zstd
lrwxrwxrwx. 1 root root         4 Oct 26 08:12 zstdcat -> zstd
-rwxr-xr-x. 1 root root      3873 Apr  4  2023 zstdgrep
-rwxr-xr-x. 1 root root       201 Apr  4  2023 zstdless
lrwxrwxrwx. 1 root root         4 Oct 26 08:12 zstdmt -> zstd
[ec2-user@ip-172-31-19-79 bin]$ cd ..
[ec2-user@ip-172-31-19-79 /]$ ls
bin  dev  home  lib64  media  opt    root  sbin  sys  usr
boot etc  lib   local  mnt    proc  run   srv   tmp  var
[ec2-user@ip-172-31-19-79 /]$ cd root
-bash: cd: root: Permission denied
[ec2-user@ip-172-31-19-79 /]$ ls
bin  dev  home  lib64  media  opt    root  sbin  sys  usr
boot etc  lib   local  mnt    proc  run   srv   tmp  var
[ec2-user@ip-172-31-19-79 /]$ ^C
[ec2-user@ip-172-31-19-79 /]$ sudo su root
[root@ip-172-31-19-79 /]# cd root
[root@ip-172-31-19-79 ~]# ls
[root@ip-172-31-19-79 ~]# pwd
/root
[root@ip-172-31-19-79 ~]#

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