



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'fixfiles.8' command

\$ man fixfiles.8

fixfiles(8) fixfiles(8)

NAME

fixfiles - fix file SELinux security contexts.

SYNOPSIS

fixfiles [-v] [-F] [-M] [-f] [-T nthreads] relabel

fixfiles [-v] [-F] [-T nthreads] { check | restore | verify } dir/file

...

fixfiles [-v] [-F] [-B | -N time] [-T nthreads] { check | restore |
verify }

fixfiles [-v] [-F] [-T nthreads] -R rpmpackagename[,rpmpackagename...]
{ check | restore | verify }

fixfiles [-v] [-F] [-T nthreads] -C PREVIOUS_FILECONTEXT { check | re?
store | verify }

fixfiles [-F] [-M] [-B] [-T nthreads] onboot

DESCRIPTION

This manual page describes the fixfiles script.

This script is primarily used to correct the security context database (extended attributes) on filesystems.

It can also be run at any time to relabel when adding support for new policy, or just check whether the file contexts are all as you expect.

By default it will relabel all mounted ext2, ext3, ext4, gfs2, xfs, jfs and btrfs file systems as long as they do not have a security context

mount option. You can use the -R flag to use rpmpackages as an alter?

native. The file `/etc/selinux/fixfiles_exclude_dirs` can contain a list of directories excluded from relabeling.

`fixfiles onboot` will setup the machine to relabel on the next reboot.

OPTIONS

- B If specified with `onboot`, this `fixfiles` will record the current date in the `/.autorelabel` file, so that it can be used later to speed up labeling. If used with `restore`, the `restore` will only affect files that were modified today.
- F Force reset of context to match `file_context` for customizable files
- f Clear `/tmp` directory with out prompt for removal.
- R `rpmpackage[,rpmpackage...]`
Use the rpm database to discover all files within the specified packages and restore the file contexts.
- C `PREVIOUS_FILECONTEXT`
Run a diff on the `PREVIOUS_FILECONTEXT` file to the currently installed one, and restore the context of all affected files.
- N `time`
Only act on files created after the specified date. Date must be specified in "YYYY-MM-DD HH:MM" format. Date field will be passed to find `--newermt` command.
- M Bind mount filesystems before relabeling them, this allows fixing the context of files or directories that have been mounted over.
- v Modify verbosity from progress to verbose. (Run `restorecon` with `-v` instead of `-p`)
- T `nthreads`
Use parallel relabeling, see `setfiles(8)`

ARGUMENTS

One of:

`check` | `verify`

print any incorrect file context labels, showing old and new context, but do not change them.

restore

change any incorrect file context labels.

relabel

Prompt for removal of contents of /tmp directory and then change

any incorrect file context labels to match the install file_con?

texts file.

[[dir/file] ...]

List of files or directories trees that you wish to check file

context on.

AUTHOR

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SEE ALSO

setfiles(8), restorecon(8)

2002031409

fixfiles(8)