

NAME

clamscan – scan files and directories for viruses using Clam AntiVirus Daemon

SYNOPSIS

clamscan [options] [file/directory]

DESCRIPTION

clamscan is a clamd client which may be used as a clamscan replacement. It accepts all the options implemented in clamscan but most of them will be ignored because its scanning abilities only depend on clamd.

OPTIONS

-h, --help

Display help information and exit.

-V, --version

Print version number and exit.

-v, --verbose

Be verbose.

--quiet

Be quiet – only output error messages.

--stdout

Write all messages (except for libclamav output) to the standard output (stdout).

-c, --config-file=FILE

Read clamd settings from FILE.

-l FILE, --log=FILE

Save the scan report to FILE.

-f FILE, --file-list=FILE

Scan files listed line by line in FILE.

-p A[:I], --ping A[:I]

Ping clamd up to [A] times at optional interval [I] until it responds.

-w, --wait

Wait up to 30 seconds for clamd to start. Optionally use alongside ping to set attempts [A] and interval [I] to check clamd.

-m, --multiscan

In the multiscan mode clamd will attempt to scan the directory contents in parallel using available threads. This option is especially useful on multiprocessor and multi-core systems. If you pass more than one file or directory in the command line, they are put in a queue and sent to clamd individually. This means, that single files are always scanned by a single thread. Similarly, clamdscan will wait for clamd to finish a directory scan (performed in multiscan mode) before sending request to scan another directory. This option can be combined with **--fdpass** (see below).

-z, --allmatch

After a match, continue scanning within the file for additional matches.

--remove

Remove infected files. **Be careful.**

--move=DIRECTORY

Move infected files into DIRECTORY.

--copy=DIRECTORY

Copy infected files into DIRECTORY.

--no-summary

Do not display summary at the end of scanning.

- reload**
Request clamd to reload virus database.
- allmatch**
Continue scanning within file after finding a match.
- i, --infected**
Only print infected files
- fdpass**
Open the file and pass the opened file descriptor to clamd. This is useful if clamd is running as a different user or if clamd sees a different file system tree. This is faster than streaming the file to clamd. Only available if connected to clamd via local(unix) socket.
- stream**
Forces file streaming to clamd. This is generally not needed as clamdscan detects automatically if streaming is required. This option only exists for debugging and testing purposes, in all other cases --fdpass is preferred.

EXAMPLES

(0) To scan a one file:

clamdscan file

(1) To scan a current working directory:

clamdscan

(2) To scan all files in /home:

clamdscan /home

(3) To scan a file when clamd is running as a different user:

clamdscan --fdpass ~/downloads

(4) To scan from standard input:

clamdscan - < file_to_scan

cat file_to_scan | clamdscan -

RETURN CODES

0 : No virus found.

1 : Virus(es) found.

2 : An error occurred.

CREDITS

Please check the full documentation for credits.

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SEE ALSO

clamd(8), clamd.conf(5), clamscan(1)