

dbupdate

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Name

dbupdate — database update for F-Secure Anti-Virus for Linux

Synopsis

```
dbupdate [-f | --configfile configuration file][update directory]
```

DESCRIPTION

dbupdate is a shell script for updating F-Secure Anti-Virus for Linux Virus Definition Databases. It can get updates either from F-Secure's web site or directory specified on the command line. It can be used for the manual update or the automatic update using cron(8).

dbupdate uses the configuration file to find out `installdirectory`, `databasedirectory`, `enginedirectory` and `updatedirectory`. The name of the configuration file can be set on the command line with either option `-f` or `--configfile`. If the configuration file is not specified on the command line, `$HOME/.fsav.conf` or `/etc/fsav.conf` is used.

If no update directory is given, **dbupdate** uses **getdbhttp** to retrieve latest Virus Definition Databases from F-Secure's web site to `updatedirectory`. If Virus Definition Databases are not changed, **dbupdate** exits. Files in `updatedirectory` are validated with **dbtool** before they are copied to `databasedirectory` using `installdirectory/fsav --dbupdate= updatedirectory`.

If `update directory` is given on the command line, it must contain valid Virus Definition Databases. No files are downloaded from F-Secure's web site, but files in `update directory` are validated and copied to `databasedirectory` as described above. Note that this is done even if Virus Definition Databases in `update directory` are the same as in `databasedirectory`.

ENVIRONMENT

http_proxy

Virus Description Database updates from F-Secure's web site can be performed using a HTTP proxy server by setting a variable `http_proxy` to "http://some.server.dom:port"

ERRORS

If **getdbhttp** fails while retrieving Virus Definition Databases from F-Secure's web site, it will return one of the following error codes:

- 1
Out of memory
- 2
Command line parameter too long
- 3
Invalid command line parameters
- 4
Cannot resolve downloading location
- 5
Cannot download dbindex.cpt
- 6
Error while uncompressing dbindex.cpt or header.ini
- 7
Could not download all files
- 8
Error while uncompressing downloaded files
- 9
Could not save dbindex.cpt or header.ini
- 10
Cannot start internet session
- 11
Already running
- 12
Do not have enough privileges for being able to update Virus Definitions
- 13
Internal error: invalid data
- 14
Security alert: man-in-the-middle attack

Bugs

Please refer to 'Known Problems' -section in release notes.

AUTHORS

F-Secure Corporation

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SEE ALSO

fsav(1), fsav.conf(5), fsavschedule(8) and fsavd(8)

For more information, see F-Secure home page (<http://www.F-Secure.com/anti-virus/webclub/>).