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Clam AntiVirus 0.86.2  
*User Manual*

# Contents

<b>1</b>	<b>Introduction</b>	<b>6</b>
1.1	Features . . . . .	6
1.2	Mailing lists . . . . .	7
1.3	Virus submitting . . . . .	7
<b>2</b>	<b>Base package</b>	<b>7</b>
2.1	Supported platforms . . . . .	7
2.2	Binary packages . . . . .	8
2.3	Daily	





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# 1 Introduction

Clam AntiVirus is an anti-virus toolkit for UNIX, designed for e-mail scanning on mail gateways. It provides a





- HP-UX 11.0
- SCO UNIX
- IRIX 6.5.20f
- Mac OS X
- BeOS
- Cobalt MIPS boxes
- Cygwin
- Windows Services for Unix 3.5 (Interix)

Some features may not be available on your operating system. If you

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1.088 03 11.9552 TPot

```
yum update clamav  
or  
up2date -u clamav
```

Another very good repository is maintained by Dag Wieers: <http://dag.wieers.com/packages/clamav/>

- **PLD Linux Distribution**

The RPM packages for the Polish(ed) Linux Distribution are maintained by Arkadiusz Miskiewicz (visit <http://www.pld-linux.org/>).

- **Mandrake**

A RPM package for Mandrake is available on Mandrake's mirrors and is

`//clamav.or.id/snapshot/`. Latest stable packages for Solaris 9 SPARC 64bit are available at `http://clamav.citrus-it.net`

- **AIX**

The binary packages for AIX are available in AIX PDSLIB, UCLA  
<http://aixpdslib.seas.ucla.edu/packages/clamav.html>

- **Mac OS X**

There's a binary package available at `http://clamav.darwinports.com/clamXav` (see 8.6.6), a GUI for ClamAV running on MacOS X, is available at `http://www.markallan.co.uk/clamXav`

- **BeOS**

BeClam is a port of ClamAV for the BeOS operating system. It includes a very simple GUI. Get it at `http://www.bebits.com/app/3930/`

- **MS Windows**



### 3.3 Adding new system user and group

If you are installing ClamAV for the first time, you have to add a new user and group to your system: <sup>3</sup>

```
# groupadd clamav (8468)Tj 21/R27 v-x.yz.tar.gz9 0 Td6(oust)Tj 21| 0 Td (useradd)Tjtar4 0 Td 6(grTj 12.2xvf4 0 Td 6(grTj 12.2-39 -12Td 1))Tshould
# useradd -g clamav -s /bin/false -c "Clam AntiVirus" clamav
```

Consult a system manual if your OS has not *groupadd* and *useradd* utilities. The account should be locked in */etc/passwd* or */etc/shadow*.





## 4.4 Setting up auto-updating















```
const char *cl_retdbdir(void);
```

`cl_loaddb` loads selected database while `cl_loaddbdir` loads all databases from a `dirname` directory. `cl_retdbdir` returns a

## 6.4 Database reloading

The most important thing is to keep the internal instance of the database up to date. You can watch database changes with the `cl_stat` functions family.

```
int cl_statinidir(const char *dirname,
```





- **CL\_SCAN\_MAILURL**

The mail scanner will download and scan URLs listed in a mail body. This flag should not be used on









```
$ wget http://prdownloads.sourceforge.net/clamav/clamav-X.XX.tar.gz
```

- Run  
`cvs -d:pserver:anonymous@cvs.sourceforge.net:/cvsroot/clamav co clamav-devel`
- Visit <http://www.clamav.net/snapshot/>

- **I'm a MS Windows user. Can I**



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### 8.1.7 ClamSMTP

**Homepage:** <http://memberwebs.com/nielsen/software/clamsmtp/>

**Supports:** clamd

ClamSMTP is an SMTP filter for Postfix and other mail servers that checks for viruses using the ClamAV anti-virus software. It aims to be lightweight, reliable, and simple rather than have a myriad of options. Written in C without major dependencies.

### 8.1.8 clapf

**Homepage:** <http://thorium.ath.cx/clapf/>

**Supports:** libclamav

Clapf is a clamav based virus scanning and anti-spam content filter for Postfix.

### 8.1.9 DSpamPD

**Homepage:** <http://caspian.dotconf.net/menu/Software/DspamPD/>

**Supports:** clamd

DspamPD is a SMTP

### 8.1.12 hMailServer

**Homepage:** <http://www.hmailserver.com/>

**Supports:** ClamAV

hMailServer is a free, open source e-mail server for Microsoft Windows. It supports all the common mail protocols and comes with a easy to use COM library that can be used for integration with external software. It also has supports for virtual domains, distribution

### 8.1.17 MailScanner

**Homepage:** <http://www.mailscanner.info/>

**Supports:** clamscan

MailScanner scans all e-mail for viruses, spam and attacks against security vulnerabilities. It is not tied to any particular virus scanner, but can be used with any combination of 14 different virus scanners, allowing sites to choose the "best



### 8.1.28 qscanq

**Homepage:** <http://budney.homeunix.net:8080/users/budney/software/qscanq/>



### 8.1.37 smtpfilter

**Homepage:** <http://www.gtoal.com/spam/smtpfilter.c.html>

**Supports:** clamscan

smtpfilter is a filter for an SMTP session which passes the session through transparently in real time, e













Softlabs AntiVirus is a generic anti-virus filter for incoming mail servers on Unix, running as plugin for procmail. In addition, it plugs to the Clam AntiVirus a.740516 0 Tdw(is)Tj613.1911 0 Tdy

### **8.6.6 clamXav**

**Homepage:**





### **8.7.6 php-clamav**

**Homepage:**





Mirror	IP	Location	Administrator
clamav.man.olsztyn.pl	213.184.16.3	Olsztyn, Poland	Robert d'Aystetten <dart*man.olsztyn.pl>
avmirror1.prod.rxgsys.com	64.74.124.90	USA	Graham Wooden <graham*rxgsys.com>
avmirror2.prod.rxgsys.com	207.201.202.73	USA	Graham Wooden <graham*rxgsys.com>
clamav.power-netz.de	212.162.12.159	Dusseldorf, Germany	Andreas Gietl <a.gietl*e-admin.de>
clamav.essentkabel.com	195.85.130.84	Netherlands	Chris van Meerendonk <mirror*essentkabel.com>
clamav.inet6.fr	62.210.153.201 62.210.153.202	France	Lionel Bouton <clamavdb*inet6.fr>
clamav.netopia.pt	193.126.14.29	Portugal	Miguel Bettencourt Dias <mbd*netopia.pt>

Mirror	IP	Location	Administrator
clamav.mirrors.nks.net	24.73.112.74	Florida, USA	James Neal <clam-admin*nks.net>
clamav.kratern.se	212.31.160.239	Sweden	

# hboas16.7.756414.999Dhonoradministrator







- Alexandre Biancalana

- Diego d'Ambra <da\*softcom.dk>
- Michael Dankov <misha\*btrc.ru>
- Y



- Michal Jaegermann <michal\*harddata.com>
- Jay <sysop-clamav\*coronastreet.net>
- Stephane Jeannenot <stephane.jeannenot\*wanadoo.fr>
- Per Jessen



- Damian Menscher <menscher\*uiuc.edu>
- Arkadiusz Miskiewicz <misiek\*pld-linux.org>
- Ted Mittelstaedt <tedm\*toybox.placo.com>
- Mark Mielke <mark\*mark.mielke.cc>
- John Miller <contact\*glideslopesoftware.co.uk>
- Jo Mills <Jonathan.Mills\*frequentis.com>
- Dustin Mollo <dustin.mollo\*sonoma.edu>
- Remi Mommsen <remigius.mommsen\*cern.ch>
- Doug Monroe <doug\*planetconnect.com>
- Alex S Moore <asmoore\*edge.net>
- Tim Morgan

- Jan Ondrej <ondrejj\*salstar.sk>















- Up Time Technology (<http://www.uptimetech.com/>)
- Ulfi
- Jeremy Vanderburg (<http://www.jeremytech.com/>)
- Web

