

RAVQMAIL configuration file

Release Date: December 17, 2002

Product version: 8.4.1

Document revision: 2.0

Address: 223, Mihai Bravu Blvd, 3rd district, Bucharest, Romania
Phone/Fax: +40-21-321.78.03, Hotline: +40-21-321.78.59

Copyright © since 2001 GeCAD Software® S.R.L.

All rights reserved. This material or parts of it cannot be reproduced, in any way, by any means.

The product and the documentation coming with the product are protected by GeCAD Software's copyright.

GeCAD Software reserves itself the right to revise and modify its products according to its own necessities.

This document describes the product at this writing and may not correctly describe the latest developments. For this reason, we recommend you to periodically check our website, <http://www.ravantivirus.com>, for the latest versions of product documentations.

GeCAD Software cannot be hold responsible for any special, collateral or accidental damages, related in any way to the use of this document.

GeCAD Software's entire liability, depending on the action, cannot go beyond the price paid for the product described in this material.

GeCAD Software does not guarantee either implicitly or explicitly the suitability of this material for your specific needs. This material is provided on an "as-is" basis.

GeCAD Software trademarks: GeCAD, GeCAD Fast Commander, GFC, RAV Reliable AntiVirus, A.V.A.C., RAlert, RAVUtil, RAVeSpy, R.A.C.E., RAX, WisDOM.

The following are registered trademarks of their respective owners: Times New Roman, Courier, Arial, IBM, OS/2, Intel, Microsoft, MS-DOS, Windows, Windows95, Windows98, WindowsNT, QEMM, F-PROT, TBSCAN, Viruscan, TBAV, DSAV, DrWEB, AVP, MSAV, MS Office, MS Word, MS Access, MS Excel, MS Visual Basic, NetWare.

Terms and conditions of the License Agreement

RAV Reliable AntiVirus is a registered trademark of GeCAD Software S.R.L. (hereafter referred as "GeCAD Software"). All the products from the **RAV AntiVirus** family are offered to our clients under the terms and conditions of the License Agreement accompanying all the products of GeCAD Software.

Before installing or using The Software, please read carefully this License Agreement, because it represents a legal agreement between you and GeCAD Software for the software product you are installing, which includes the software itself and the related documentation. By installing or otherwise using the software, you accept all the terms and conditions of this agreement. If you do not accept the terms of this agreement, you do not have the rights to install or otherwise use The Software.

On the distribution CD-ROM, you may find other programs, in addition to the one you have bought. These programs are offered for evaluation only and are the object of separate terms of license. These terms are included in the **Evaluation license** section of the **License Agreement**.

CONTENTS

RAVQMAIL configuration file	4
<i>NAME</i>	4
<i>SYNOPSIS</i>	4
<i>INSTALL</i>	4
<i>USAGE</i>	4
<i>UNINSTALL</i>	4
<i>FILES</i>	4
<i>EXIT CODES</i>	5
<i>NOTES</i>	5
<i>ENVIRONMENT</i>	5
<i>BUGS</i>	5
<i>SEE ALSO</i>	5

RAVQMAIL configuration file

NAME

ravqmail - RAV AntiVirus "filter client" for **qmail**.

SYNOPSIS

`${BINDIR}/ravqmail`

INSTALL

In order to install **ravqmail** you must have installed **qmail-1.03** or newer in directory `/var/qmail`. You must stop **qmail-send** from sending it the **SIGTERM** signal. After this you must rename the original **qmail-queue** to **qmail-queue.orig** and make a symbolic link named **qmail-queue** to **ravqmail**:

```
mv /var/qmail/bin/qmail-queue /var/qmail/bin/qmail-queue.orig
```

```
ln -s ${BINDIR}/ravqmail /var/qmail/bin/qmail-queue
```

USAGE

After installing **ravqmail** you must start **ravmd** daemon. Then you can start **qmail** system.

UNINSTALL

In order to uninstall **ravqmail** you must stop **qmail-send** from sending it the **SIGTERM** signal. After this you must remove the link file **qmail-queue** and copy the original **qmail-queue.orig** in **qmail-queue**:

```
rm -f /var/qmail/bin/qmail-queue
```

```
mv /var/qmail/bin/qmail-queue.orig /var/qmail/bin/qmail-queue
```

For more details, please read the [Notes](#) section bellow.

FILES

After the installation process, `${BINDIR}/ravqmail` must have the same owner, group and permissions as `/var/qmail/bin/qmail-queue.orig`. The `${DATADIR}/tmp` and `${DATADIR}/run` directories must have the same owner and group as `/var/qmail/bin/qmail-queue.orig` and the permissions set to **0750**.

EXIT CODES

The same as **qmail-queue(8)**.

NOTES

There are some programs or scripts automating the starting and stopping processes. If you are using one of them it might be wrong to send **SIGTERM** signal to **qmail-send** instead of using them to stop **qmail-send**, since these programs might re-spawn the **qmail-send** during the installation process therefore your **qmail** won't be able to place e-mails in its queue.

When a mail message is handled by **qmail** first it is put in queue by using the **qmail-queue** program. Because in the installation process the original **qmail-queue** is replaced with **ravqmail** the e-mail is first scanned and after that **ravqmail** passes the e-mail to the **qmail-queue.orig** and replies with **qmail-queue.orig** exit code.

If **ravmd** is not started or **ravqmail** can't communicate with **ravmd**, it doesn't pass the e-mail to the original **qmail-queue.orig** and will exit with error code **71**, meaning that the mail server temporarily refuses to send the messages to any of the recipients.

Also if **ravmd** is configured to reject the e-mails that cannot be cleaned **ravqmail** doesn't pass the e-mail to **qmail-queue.orig** and exits with error code **31** meaning that the mail server permanently refuses to send the message to any recipients.

If there is a license limit **ravmd** will not scan the e-mails not belonging to the domains specified in the configuration file. These e-mails will be passed **unchanged** to **qmail-queue.orig**.

ENVIRONMENT

RAV_DATA_PATH

Starting with version 8.4.1 of **ravmd** the installation directories can be relocated. The environment variable must be declared before starting the Qmail server and must point to the new location of RAV data files (**rave**, **log**, **run**, **tmp**, **ravmd.key**, etc.).

BUGS

Please mail bug reports and suggestions to: ravteam@ravantivirus.com

SEE ALSO

ravmd.conf(5), **ravmd(8)**, **qmail-queue(8)**