

# debian server - howtos

## instalace qmail (debian etch)

1) instalace qmail podle návodu na [qmailrocks.org](http://qmailrocks.org), ale bez vpopmail:

predpokladem jsou nainstalovane daemontools, ucspi-tcp podle [navodu instalace dnscache](#)

instalace / odinstalace sw:

```
apt-get install libssl-dev ncftp ftp unzip
apt-get remove exim4 exim4-base exim4-config exim4-daemon-light
update-rc.d -f exim4 remove
apt-get install libdigest-sha-perl libdigest-hmac-perl libnet-dns-perl
perl -MCPAN -e 'install Time::HiRes'
```

stažení, rozbalení balíku z [qmailrocks.org](http://qmailrocks.org):

```
mkdir /downloads && cd /downloads
wget http://www.qmailrocks.org/downloads/qmailrocks.tar.gz
tar zxvf qmailrocks.tar.gz && cd /downloads/qmailrocks
mkdir -p /var/qmail && mkdir /usr/src/qmail
```

uživatelé do systému:

```
groupadd nofiles
useradd -g nofiles -d /var/qmail/alias -s /sbin/nologin -p '*' alias
useradd -g nofiles -d /var/qmail -s /sbin/nologin -p '*' qmaild
useradd -g nofiles -d /var/qmail -s /sbin/nologin -p '*' qmailr
useradd -g nofiles -d /var/qmail -s /sbin/nologin -p '*' qmailp
groupadd qmail
useradd -g qmail -d /var/qmail -s /sbin/nologin -p '*' qmailq
useradd -g qmail -d /var/qmail -s /sbin/nologin -p '*' qmailr
useradd -g qmail -d /var/qmail -s /sbin/nologin -p '*' qmails
```

rozbalit, p?ipravit adresá?e:

```
cd /usr/src/qmail
tar zxvf /downloads/qmailrocks/qmail-1.03.tar.gz
```

```
mkdir /var/log/qmail && cd /var/log/qmail
mkdir qmail-send qmail-smtpd
```

```
chown -R qmail:root /var/log/qmail
chmod -R 750 /var/log/qmail
```

```
mkdir /var/qmail/supervise && cd /var/qmail/supervise
mkdir -p qmail-smtpd/log qmail-send/log
chmod +t qmail-smtpd qmail-send
```

```
echo 211 > /usr/src/qmail/qmail-1.03/conf-split
```

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```
echo 255 > /usr/src/qmail/qmail-1.03/conf-spawn
```

opatchovat qmail:

```
cd /usr/src/qmail/qmail-1.03
patch < /downloads/qmailrocks/patches/qmail-1.03-jms1.5.patch
patch < /downloads/qmailrocks/patches/qmail-1.03-forcetls-20040703.pat
ch
```

kompilace qmailu:

```
cd /usr/src/qmail/qmail-1.03
make man && make setup check
```

konfigurace a generování certifikátu:

```
./config-fast mail.example.com
make cert
```

záv?re?ná nastavení:

```
cp /downloads/qmailrocks/scripts/finalize/linux/smtpd_run /var/qmail/s
upervise/qmail-smtpd/run
```

```
cp /downloads/qmailrocks/scripts/finalize/linux/smtpd_log /var/qmail/s
upervise/qmail-smtpd/log/run
```

```
cp /downloads/qmailrocks/scripts/finalize/linux/send_run /var/qmail/su
pervise/qmail-send/run
```

```
cp /downloads/qmailrocks/scripts/finalize/linux/send_log /var/qmail/su
pervise/qmail-send/log/run
```

```
cp /downloads/qmailrocks/scripts/finalize/rc /var/qmail/
```

```
cp /downloads/qmailrocks/scripts/finalize/qmailctl /var/qmail/bin/
```

```
chmod 755 /var/qmail/rc /var/qmail/bin/qmailctl
```

```
chmod 751 /var/qmail/supervise/qmail-smtpd/run
```

```
chmod 751 /var/qmail/supervise/qmail-smtpd/log/run
```

```
chmod 751 /var/qmail/supervise/qmail-send/run
```

```
chmod 751 /var/qmail/supervise/qmail-send/log/run
```

```
echo ./Maildir > /var/qmail/control/defaultdelivery
```

```
echo 255 > /var/qmail/control/concurrencyremote
```

```
chmod 644 /var/qmail/control/concurrencyremote
```

```
echo 30 > /var/qmail/control/concurrencyincoming
```

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```
chmod 644 /var/qmail/control/concurrencyincoming
```

```
ln -s /var/qmail/bin/qmailctl /usr/bin
```

```
ln -s /var/qmail/supervise/qmail-send /var/qmail/supervise/qmail-smtpd  
/service
```

editace /var/qmail/supervise/qmail-smtpd/run - vypada pak napr.:

```
#!/bin/sh  
QMAILDUID=`id -u qmaild`  
NOFILESGID=`id -g qmaild`  
MAXSMTPD=`cat /var/qmail/control/concurrencyincoming`  
SMTPD="/var/  
qmail/bin/qmail-smtpd"  
RBLSMTPD="/usr/local/bin/rblsmtpd -b -r dnsbl.sorbs.net -r cbl.abuseat  
.org -r dynablock.njabl.org -r sbl.spamhaus.org"  
LOCAL=`head -1 /var/qmail/control/me`  
if [ -z "$QMAILDUID" -o -z "$NOFILESGID" -o -z "$MAXSMTPD" -o -z "$LOC  
AL" ]; then  
echo QMAILDUID, NOFILESGID, MAXSMTPD, or LOCAL is unset in  
echo /var/qmail/supervise/qmail-smtpd/run  
exit 1  
fi  
if [ ! -f /var/qmail/control/rcpthosts ]; then  
echo "No /var/qmail/control/rcpthosts!"  
echo "Refusing to start SMTP listener because it'll create an open rel  
ay"  
exit 1  
fi  
exec /usr/local/bin/softlimit -m 50000000 \  
/usr/local/bin/tcpserver -v -R -l "$LOCAL" -x /etc/tcp.smtp.cdb -c "$M  
AXSMTPD" \  
-u "$QMAILDUID" -g "$NOFILESGID" 0 smtp \  
$RBLSMTPD $SMTPD mail.example.com 2>&1  
  
#/home/vpopmail/bin/vchkpw /usr/bin/true 2>&1
```

editace /var/qmail/bin/qmailctl - zakomentovat zminky o pop3d (neinstalovali jsme)

povolit relaying pro localhost:

```
qmailctl stop  
echo '127.:allow,RELAYCLIENT=""' >> /etc/tcp.smtp  
qmailctl cdb
```

nastavit základní ú?ty:

```
cd /var/qmail/alias  
echo root-mail@example.com > .qmail-root
```

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```
chmod 644 .qmail-root
ln -s .qmail-root .qmail-postmaster
ln -s .qmail-root .qmail-mailer-daemon
ln -s .qmail-root .qmail-anonymous
```

nainstalovat [fake sendmail](#), symlinky pro sendmail

```
ln -s /var/qmail/bin/sendmail /usr/lib/sendmail
ln -s /var/qmail/bin/sendmail /usr/sbin/sendmail
```

otestovat úspěšnou instalaci, hlášek o chybných pop3d si nevšímáme :-)

```
/downloads/qmailrocks/scripts/util/qmr_inst_check
```

```
qmailctl stop
qmailctl start
qmailctl stat
```

2) instalace SPAMASSASSIN

```
apt-get install libparse-syslog-perl perl-suid maildrop
perl -MCPAN -e 'install Statistics::Distributions'
```

```
groupadd spamd
useradd -g spamd -s /bin/false -m -d /home/spamassassin spamd
```

v /etc/default/spamassassin zapnout a nastavit usera spamd pod kterým pobeží:

```
ENABLED=1
SAHOME="/home/spamassassin/"
OPTIONS="--create-prefs --max-children 5 --username spamd --helper-home-dir ${SAHOME} -s ${SAHOME}spamd.log"
```

3) instalace CLAMAV

```
groupadd qscand
useradd -c "Qmail-Scanner Account" -g qscand -d /var/spool/qmailscan -s /bin/false qscand
```

clamscan: corrupt or unknown clamd scanner error or memory/resource/perms problem:

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Most likely clamd is not running at all, or you are running Qmail-Scanner and clamd under a different uid. If you are running Qmail-Scanner as qscand (default setting) you could put User qscand inside your clamd.conf file and restart clamd. Remember to check that qscand can create clamd.ctl (usually located at /var/run/clamav/clamd.ctl). The same applies to the log file. The suggested setup is: put User qscand and AllowSupplementaryGroups in clamd.conf, then add user qscand to group clamav and make the socket dir and the log dir group writable by clamav.

Unique solution ID: #1117

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