

Comparison of mail servers

From Wikipedia, the free encyclopedia

This is a **comparison of mail servers**: mail transfer agents, mail delivery agents, and other computer software which provide e-mail services.

Linux-based mail servers are built using a number of components because a Linux environment is, by default, a multi-user operating system. A stock Linux server already has internal mail. To allow the server to send external emails, a Mail Transfer Agent such as sendmail, postfix or exim is required. Mail is read either through direct access (shell login) or mailbox protocols like POP and IMAP.

Contents

- 1 Feature comparison
- 2 Authentication
- 3 Antispam Features
- 4 See also
- 5 Notes and references

Feature comparison

| R | Server OS support | | | Features | | | | | | | | | | | Storage | | | Users |
|--|--------------------|-------------------|--------------------|--------------------------|------------------|------------------|-----------------------------------|--------------------------|------------------|---------------------------------------|------|-----|--------------|------------|----------------------------------|--------------------------------------|-------|---|
| Mail server | Linux/Unix | Windows | Mac OS | SMTP | POP3 | IMAP | IMAP IDLE | SMTP over TLS | POP over TLS | IPv6 | NNTP | SSL | Webmail | ActiveSync | Database | Filesystem | Other | License |
| agorum core | Yes | Yes | No | Yes | No | Yes | ? | No | No | ? | No | Yes | Yes | No | Yes | No | No | GPLv2 |
| Apache James | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | ? | Yes | Yes | No | No | Yes | Yes | No | ASLv2 |
| Atmail | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | ? | No | Yes | Yes | Yes | Yes | Yes | No | Proprietary (100 user/30 day demo) |
| Axigen | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Ajax & Basic | Yes | No | No | Yes | Proprietary (free version: email 100 users / calendar 5 users) |
| Citadel | Yes | No | Yes | Yes | Yes | Yes | No | Yes | Yes | ? | ? | Yes | Yes | No | Yes | No | No | GPLv3 |
| CommuniGate Pro | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Proprietary (Free for up to 5 users) |
| Courier Mail Server | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | ? | Yes | Yes | No | No | maildir | No | GPLv3 ^[1] |
| Cyrus IMAP | Yes | No | Yes | No | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | No | No | Yes (indexes) | Yes | Yes | 4-clause BSD ^[2] |
| Dovecot | Yes ^[3] | No ^[3] | Yes ^[3] | No | Yes | Yes | Yes | No | Yes | Yes | No | Yes | No | No | Yes | maildir, mbox, dbox | No | Mixed: MIT and LGPL 2.1 ^[4] |
| Eudora Internet Mail Server | No | No | Yes | Yes | Yes | Yes | ? | No | No | ? | No | No | No | No | No | No | Yes | Proprietary |
| Exim | Yes | Yes (via Cygwin) | Yes | Yes | Dovecot, UW IMAP | Dovecot, UW IMAP | Dovecot, UW IMAP | Yes | No | Yes | No | Yes | No | No | Yes | Yes | No | GPLv2+ ^[5] |
| FirstClass | Yes | Yes | Yes | Yes | Yes | Yes | ? | Yes | Yes | ? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Proprietary |
| Gordano Messaging Suite | Yes | Yes | No | Yes | Yes | Yes | ? | Yes | Yes | ? | No | Yes | Yes | No | Yes | Yes | Yes | Proprietary |
| GroupWise | Yes | Yes | No | Yes | Yes | Yes | ? | Yes | Yes | ? | ? | Yes | Yes | Yes | Yes | Yes | No | Proprietary |
| Haraka | Yes | Yes | Yes | Yes | No | No | No | Yes | No | No | Yes | No | Yes | No | Yes | Yes | Yes | MIT |
| Mail server | Linux/Unix | Windows | Mac OS | SMTP | POP3 | IMAP | IMAP IDLE | SMTP over TLS | POP over TLS | IPv6 | NNTP | SSL | Webmail | ActiveSync | Database | Filesystem | Other | License |
| hMailServer | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | No | Yes | Yes | No | GNU AGPL |
| IBM Lotus Domino | Yes | Yes | No | Yes | Yes | Yes | ? | Yes | Yes | ? | Yes | Yes | Yes | Yes | Yes | No | No | Proprietary |
| IceWarp Mail Server | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | No | Proprietary |
| Ipswitch iMail Server | No | Yes | No | Yes | Yes | Yes | ? | Yes | Yes | ? | No | Yes | Yes | Yes | No | Yes | No | Proprietary |
| Kerio Connect | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | Proprietary |
| Kolab | Yes | No | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | GPLv3 |
| MagicMail | Yes | No | No | Yes | Yes | Yes | ? | Yes | Yes | ? | No | Yes | Yes | No | Yes | Yes | Yes | Proprietary |
| Mailsite | No | Yes | No | Yes | Yes | Yes | ? | Yes | Yes | ? | No | Yes | Yes | Yes | Yes | Yes | Yes | Proprietary |
| Mailtraq | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | ? | Yes | Yes | Yes | No | Yes | Yes | Yes | Proprietary |
| MDaemon Mail Server | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | Yes | Yes | Yes | No | Proprietary |
| Mercury Mail Transport System | No | Yes | No | Yes | Yes | Yes | ? | Yes | Yes | ? | No | Yes | Yes | No | No | Yes | No | Proprietary donationware |
| Microsoft Exchange Server | No | Yes | No | Yes | Yes | Yes | Yes ^[6] ^[7] | Yes | Yes | Yes (2007 sp1 onwards) ^[8] | Yes | Yes | Yes | Yes | ESE only | Yes (up to 2003 only) ^[9] | Yes | Proprietary |
| Momentum (Message Systems) | Yes | No | No | Yes | No | No | No | Yes | No | Yes | No | Yes | No | No | Yes | Yes | No | Proprietary |
| NetMail | Yes | Yes | No | Yes | Yes | Yes | ? | Yes | Yes | ? | ? | Yes | Yes | No | Yes | No | No | Proprietary |
| OpenSMTPD | Yes | No | Yes | Yes | No | No | No | Yes | No | Yes | No | Yes | No | No | possible through custom backends | Yes | No | ISC |
| Open-Xchange | Yes | No | No | Yes | Yes | Yes | ? | Yes | Yes | ? | ? | Yes | Yes | Yes | Yes | No | No | Proprietary/SaaS, with open-source parts ^[10] |
| Mail server | Linux/Unix | Windows | Mac OS | SMTP | POP3 | IMAP | IMAP IDLE | SMTP over TLS | POP over TLS | IPv6 | NNTP | SSL | Webmail | ActiveSync | Database | Filesystem | Other | License |
| Oracle Communications Messaging Server | Yes | No | No | Yes | Yes | Yes | ? | Yes | Yes | ? | No | Yes | Yes | No | Yes | Yes | No | Proprietary |
| Postfix | Yes | No | Yes | Yes | Dovecot, UW IMAP | Dovecot, UW IMAP | Dovecot, UW IMAP | Yes | No | Yes | No | Yes | No | No | Yes | Yes | Yes | IBM Public License |
| qmail | Yes | No | Yes | Yes | Yes | Dovecot, UW IMAP | Dovecot, UW IMAP | No | Dovecot, UW IMAP | via Qsmtp | ? | No | No | No | (cdb) | Yes | No | Public domain |
| Qpopper | Yes | via Cygwin | Yes | No | Yes | No | No | No | Yes | ? | No | Yes | No | No | No | Yes | Yes | BSD-style (http://www.eudora.com/products/unsupported/qpopper/license.html), GPL-incompatible ^[11] |
| Sendmail | Yes | No | Yes | Yes | Dovecot, UW IMAP | Dovecot, UW IMAP | Dovecot, UW IMAP | Yes | No | Yes | No | Yes | No | No | ? | Yes | ? | Sendmail License (http://ftp.sunet.se/pub/unix/mail/sendmail/LICENSE) |
| SparkEngine | Yes | Yes | Yes | Yes | No | No | No | Yes | No | ? | No | Yes | No | No | Yes | Yes | Yes | Proprietary |
| Synovel Collabsuite | Yes | No | No | Yes | Yes | Yes | ? | Yes | Yes | ? | ? | Yes | Yes | No | Yes | Yes | ? | Proprietary with OSS parts, Freeware and paid editions ^[12] |
| UW IMAP | Yes | Yes | Yes | No | Yes | Yes | Yes | No | Yes | ? | No | Yes | WebPine | No | Yes (Indexes) | Yes | No | Apache License 2.0 ^[13] |
| WinGate | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | No | No | Yes | No | Proprietary |
| Zarafa | Yes | No | No | External ^[14] | Yes | Yes | Yes | External ^[14] | Yes | No | No | Yes | Yes | Yes | Yes | Yes | No | AGPLv3, free and paid editions ^[15] |
| Zimbra | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | Yes | Yes | Yes | No | ZPL (http://www.zimbra.com/license/zimbra-public-license-1-3.html) and proprietary editions ^[16] |
| Mailable | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | No | Proprietary (https://www.mailable.com/licensing/) |
| Mail server | Linux/Unix | Windows | Mac OS X | SMTP | POP3 | IMAP | IMAP IDLE | SMTP over TLS | POP over TLS | IPv6 | NNTP | SSL | Webmail | ActiveSync | Database | Filesystem | Other | License |
| Radif | Server OS support | | | Features | | | | | | | | | Storage | | | Users | | |

Authentication

| Mail server | SMTP AUTH | POP before SMTP | APOP | Filesystem | Database | LDAP | Other |
|--|------------|-----------------|------|------------|----------|------|---|
| agorum core | Yes | No | No | No | Yes | Yes | PLAIN, LOGIN, CRAM-MD5, NTLM |
| Apache James | Yes | ? | ? | ? | Yes | Yes | PLAIN, LOGIN |
| Atmail | Yes | Yes | Yes | Yes | Yes | Yes | PLAIN, LOGIN, CRAM-MD5, DIGEST-MD5, Active Directory, any LDAP-compatible source |
| Xigien | Yes | No | Yes | No | No | Yes | GSSAPI, CRAM-MD5, DIGEST-MD5, APOP, CLRTXT, LOGIN, PLAIN, LDAP, Internal |
| CommuniGate Pro | Yes | Yes | Yes | Yes | Yes | Yes | Active Directory (LDAP), CLRTXT, CRAM-MD5, DIGEST-MD5, APOP, GSSAPI, NTLM, MSN, SESSIONID, External Authentication Plug-in. Also supports X.509 PKI auth via STARTTLS/SSL |
| Courier Mail Server | Yes | Yes | Yes | Yes | Yes | Yes | Managed by Courier authentication library (http://www.courier-mta.org/authlib/) which can use PAM, Userdb, PostgreSQL(beta), MySQL, LDAP, and EXTERNAL |
| Cyrus IMAP | No | Yes | Yes | Yes | Yes | Yes | Supports X.509 PKI auth via STARTTLS and EXTERNAL. Uses Cyrus SASL authentication library for support for other mechanisms: Berkeley DB, GDBM, or NDBM (sasldb), PAM, MySQL, PostgreSQL, SQLite, LDAP, Active Directory(LDAP), DCE, Kerberos 4 and 5, proxied IMAP auth, getpwent, shadow, SIA, Courier Authdaemon, httpform, APOP and SASL mechanisms: ANONYMOUS, CRAM-MD5, DIGEST-MD5, EXTERNAL, GSSAPI, LOGIN, NTLM, OTP, PASSDSS, PLAIN, SRP |
| Dovecot | No | Yes | Yes | Yes | Yes | Yes | Not an SMTP server, but offers SASL to MTAs. http://wiki.dovecot.org/DovecotFeatures http://wiki.dovecot.org/Authentication . POP-before-SMTP via DRAC plugin. PAM, MySQL, PostgreSQL, SQLite, LDAP, Active Directory(LDAP), Kerberos 5, proxied IMAP auth, getpwent, shadow, SIA, BSDauth, Vpopmail. APOP and SASL mechanisms: ANONYMOUS, PLAIN, LOGIN, CRAM-MD5, DIGEST-MD5, SCRAM-SHA1, EXTERNAL, GSSAPI, NTLM, OTP, SKEY, RPA. |
| Eudora Internet Mail Server | Yes | No | Yes | Yes | No | No | CRAM-MD5, DIGEST-MD5, PLAIN, LOGIN |
| Exim | Yes | Yes | Yes | Yes | Yes | Yes | Cyrus SASL, Dovecot SASL, GNU SASL, CRAM-MD5, Heimdal GSSAPI, PLAIN, LOGIN, SPA |
| FirstClass | Yes | ? | ? | Yes | Yes | Yes | |
| Gordano Messaging Suite | Yes | Yes | Yes | No | Yes | Yes | PLAIN, LOGIN, CRAM-MD5, DIGEST-MD5, APOP, ODBC, Active Directory, NT Domain |
| GroupWise | Yes | Yes | Yes | Yes | Yes | Yes | eDirectory, Any LDAPv3-compliant source |
| Haraka | Yes | No | No | Yes | Yes | Yes | Proxy to other server, any other mechanism via AUTH plugins. |
| IceWarp Mail Server | Yes | Yes | Yes | Yes | Yes | Yes | PLAIN, LOGIN, CRAM-MD5, NTLM |
| Ipswitch iMail Server | Yes | No | Yes | Yes | Yes | Yes | Active Directory, Windows authentication, CRAM-MD5, PLAIN, LOGIN |
| Kolab | Yes | Yes | Yes | Yes | Yes | Yes | Kolab employs Cyrus and Postfix and thus supports all Cyrus SASL authentication methods and X.509 PKI auth via STARTTLS and EXTERNAL. |
| Kerio Connect | Yes | Yes | Yes | Yes | No | Yes | Active Directory, Apple Open Directory, ActiveSync, Pluggable Authentication Modules |
| MagicMail | Yes | No | No | Yes | Yes | No | ? |
| Mailsite | Yes | No | Yes | Yes | Yes | Yes | NT Domain, Active Directory, PLAIN, LOGIN, NTLM, SCRAM-MD5, CRAM-MD5 |
| Mailtraq | Yes | Yes | Yes | Yes | Yes | Yes | NT Domain, Active Directory, Local Directory |
| MDaemon Mail Server | Yes | Yes | Yes | No | Yes | Yes | Active Directory, PLAIN, CRAM-MD5, LOGIN |
| Mercury Mail Transport System | Yes | Yes | Yes | Yes | No | ? | Internal, LOGIN, PLAIN, CRAM-MD5, Netware, LDAP?, partial NT Domain |
| Microsoft Exchange Server | Yes | ? | Yes | No | No | Yes | Active Directory, LOGIN, ^[17] NTLM |
| Momentum (Message Systems) | Yes | No | No | Yes | Yes | Yes | PLAIN, LOGIN, CRAM-MD5, LDAP |
| NetMail | Yes | Yes | Yes | Yes | Yes | Yes | eDirectory, LDAP |
| Oracle Communications Messaging Server | Yes | Yes | Yes | Yes | Yes | Yes | Plain, Login, CRAM-MD5, Digest-MD5, Certificate |
| OpenSMTPD | Yes | No | No | Yes | Yes | Yes | By default PLAIN and LOGIN over SSL only. Certificates, bsd_auth and PAM. Supports adding new authentication mechanisms through custom backends. |
| Postfix | Yes | No | No | Yes | Yes | Yes | Supports all Cyrus SASL authentication methods except for APOP. |
| Qpopper | No | Yes | Yes | Yes | Yes | Yes | Pluggable Authentication Modules, GSSAPI, CRAM-MD5, DIGEST-MD5, APOP, PLAIN, LDAP, CMU SASL library (http://asg.web.cmu.edu/sasl/), Kerberos |
| qmail | with patch | with vpopmail | Yes | Yes | Yes | Yes | Works with any checkpassword utility. The original supports only LOGIN and PLAIN. Alternate checkpassword utilities support authentication against PAM, LDAP, and databases. |
| Sendmail | Yes | Yes | No | Yes | Yes | Yes | Supports all Cyrus SASL authentication methods except for APOP. Also supports X.509 PKI auth via STARTTLS and EXTERNAL. |
| WinGate | Yes | Yes | Yes | Yes | Yes | No | NT Domain, Active Directory, CRAM-MD5, SASL PLAIN, SASL LOGIN |
| Zarafa | Yes | Yes | No | Yes | Yes | Yes | Internal, Active Directory, any LDAP-compatible source, Unix |
| Zimbra | Yes | No | Yes | Yes | Yes | Yes | Internal, LDAP, Open LDAP, Active Directory |
| Mail server | SMTP AUTH | POP before SMTP | APOP | Filesystem | Database | LDAP | Other |

Antispam Features

| Mail Server | DNSBL | SURBL | Spamtraps | Greylisting | SPF | DKIM | DMARC | Tarpit | Bayesian filters | Regular expressions | Embedded Antivirus | Embedded Antispam |
|--|--------------------------|--------------------------|--------------------------|--------------------------|-----------------------------|--|--------------------------|--------------------------|---------------------------------|--------------------------|---|---|
| agorum core | No | No | No | No | No | ? | ? | No | No | Yes | No | No |
| Apache James | ? | ? | ? | ? | ? | ? | ? | ? | Yes | ? | Yes ClamAV ^[14] | Optional (Apache SpamAssassin) |
| Atmail | Yes | Yes | Yes | Yes | Yes | ? | ? | Yes | Yes | Yes | Yes ClamAV | Yes SpamAssassin and Exim ACLs |
| Axigen | Yes | Yes ^[19] | No | Yes | Yes | ? | ? | No | Yes, in SpamAssassin | Yes | Yes Commtouch | Yes SpamAssassin |
| Citadel | Yes | Yes | No | No | Optional (via SpamAssassin) | ? | ? | No | Optional (via SpamAssassin) | No | Optional (ClamAV) | Optional (SpamAssassin) |
| CommuniGate Pro | Yes | Yes | Yes | No | Yes | ? | ? | Yes | Optional | Yes | Optional (ClamAV) | Optional (via SpamAssassin) |
| Courier Mail Server | Yes | ? | Yes | Yes ^[20] | Yes | Yes ^[21] | ? | Yes | Yes ^[20] | Yes ^[20] | Yes Clamav | Yes ^[20] |
| Dovecot | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? |
| Eudora Internet Mail Server | Yes | ? | Yes | Yes | ? | ? | ? | ? | ? | ? | ? | ? |
| Exim | Yes | Yes | Yes | Yes | Optional at build time | Yes | Optional at build time | Yes | Optional with spamassassin etc. | Yes | Optional any | Optional any |
| FirstClass | Yes | Yes | No | ? | Yes | ? | ? | Yes | Yes | Yes | Yes Symantec | ? |
| Gordano Messaging Suite | Yes | Yes | Yes | Yes | Yes | ? | ? | Yes | Yes | Yes | Yes Commtouch, Authentium | Yes Commtouch |
| GroupWise | Yes | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? |
| Haraka | Yes | Yes | Yes | Yes | Yes | Yes | ? | Yes | Optional with spamassassin etc. | Yes | Optional ClamAV, AVG, any via plugins | Optional SpamAssassin, MessageSniffer |
| hMailServer | Yes | Yes | No | Yes | Yes | Yes | ? | No | No | Yes | Yes ClamAV | Yes SpamAssassin |
| IBM Lotus Domino | Yes ^[22] | ? | ? | ? | No ^[23] | ? | ? | ? | ? | ? | ? | ? |
| IceWarp Mail Server | Yes | Yes | Yes | Yes | Yes | ? | ? | Yes | Yes | Yes | Yes | Yes |
| Ipswitch iMail Server | Yes | Yes | No | No | Yes | ? | ? | No | Yes | Yes | Yes Symantec, BitDefender | Yes Commtouch |
| Kolab | Yes | ? | ? | Yes | Yes | ? | ? | ? | Optional with spamassassin etc. | Yes | Optional (via content filter (http://www.postfix.org/FILTER_README.html) interface) | Optional (via content filter (http://www.postfix.org/FILTER_README.html) interface) |
| Kerio Connect | Yes | Yes | ? | Yes | Yes | Yes | ? | Yes | Yes | Yes | Optional Sophos + optional secondary (dual) | Yes |
| MagicMail | Yes | No | Yes | No | ? | ? | ? | ? | No | Yes | Yes | Yes |
| Mailsite | Yes | Yes | Yes | Yes | Yes | ? | ? | No | Yes | Yes | Yes | Yes |
| Mailtraq | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? |
| MDaemon Mail Server | Yes | Yes | Yes | Yes | Yes | ? | ? | Yes | Yes | Yes | Optional Kaspersky Lab | Yes |
| Mercury Mail Transport System | Yes | ? | ? | Yes (GreyWall extension) | ? | ? | ? | ? | Yes (SpamHalter extension) | ? | Yes (ClamWall extension) | ? |
| Microsoft Exchange Server | Yes (2003 & later) | ? | ? | Yes | Yes | ? | ? | Yes (2003 & later) | ? | ? | ? | ? |
| Momentum (Message Systems) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| NetMail | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? |
| OpenSMTPD | ? | ? | ? | ? | Yes | Yes ^[2] (http://www.opensmtpd.org/presentations/asiabsdcon2013-smtpd/#slide-16) | ? | ? | ? | ? | ? | ? |
| Oracle Communications Messaging Server | Yes | Yes | Yes | Yes | Yes | ? | ? | Yes | Optional with spamassassin etc. | Yes | Optional any | Optional any |
| Postfix | Yes | ? | ? | Yes | Yes | Optional ^[24] | Optional ^[25] | ? | Optional with spamassassin etc. | Yes | Optional (via content filter (http://www.postfix.org/FILTER_README.html) interface) | Optional (via content filter (http://www.postfix.org/FILTER_README.html) interface) |
| qmail | ? | ? | ? | Yes | ? | ? | ? | ? | No | ? | No | No |
| Sendmail | Yes | Yes (via miller/SA) | ? | Yes | Optional | Optional ^[24] | Optional ^[25] | ? | Optional with spamassassin etc. | ? | Yes ClamAV | Yes SpamAssassin |
| SparkEngine | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? |
| Synovel Collabsuite | Yes | Yes | Yes | Yes | Yes | ? | ? | ? | Yes | Yes | Yes ClamAV | Yes SpamAssassin |
| UW IMAP | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? |
| WinGate | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? |
| Zarafa | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] | External ^[14] |
| Zimbra | Yes | ? | ? | ? | Yes | Yes | ? | Yes | Yes | ? | Yes ClamAV | Yes SpamAssassin |
| Mail Server | DNSBL | SURBL | Spamtraps | Greylisting | SPF | DKIM | DMARC | Tarpit | Bayesian filters | Regular expressions | Embedded Antivirus | Embedded Antispam |

See also

- List of mail servers
- List of mail archiving
- Comparison of email clients

Notes and references

- ^ See COPYING file in the distribution
- ^ https://cyrusimap.org/mediawiki/index.php/Downloads#Licensing
- ^ a b c Dovecot Operating System Compatibility (http://wiki.dovecot.org/OSCompatibility). Retrieved on 2008-09-03.
- ^ "Dovecot licensing information: COPYING" (http://www.dovecot.org/doc/COPYING). Retrieved 2008-09-03.
- ^ See NOTICE file in the distribution
- ^ http://technet.microsoft.com/en-us/library/cc540463(EXCHG.80).aspx
- ^ http://technet.microsoft.com/en-us/library/ff848256.aspx
- ^ http://technet.microsoft.com/en-us/library/bb629624(EXCHG.80).aspx
- ^ Exchange Installable File System (ExIFS) (http://msdn.microsoft.com/en-us/library/ms876378(EXCHG.65).aspx)
- ^ http://www.open-xchange.com/misc/licenses/
- ^ Contains jurisdiction selection and IBM Public License-style indemnification clause.
- ^ http://www.synovel.com/collab/editions
- ^ UW IMAP Server Documentation (http://www.washington.edu/imap/documentation/SSLBUILD.html)
- ^ a b c d e f g h i j k l m n Zarafa Collaboration Platform architecture diagram (http://doc.zarafa.com/trunk/Administrator_Manual/en-US/html/_architecture.html). Retrieved on 2011-12-10.
- ^ http://www.zarafa.com/content/scope-and-benefits
- ^ [1] (http://www.zimbra.com/license/)
- ^ http://support2.gwava.com/kb/?View=entry&EntryID=1605

18. ^ <http://james.apache.org/server/3/dev-provided-mailets.html#ClamAVScan>, Documentation for build-in ClamAV-Maillet, visited on 2013-03-19.
19. ^ via Kaspersky anti-spam add-on (<http://www.kaspersky.com/anti-spam>)
20. ^ [a](#) [b](#) [c](#) [d](#) with Courier-pythonfilter filtering framework (<http://phantom.dragonsdawn.net/~gordon/courier-pythonfilter/>)
21. ^ Two DKIM filters can be found in Courier-MTA's links (<http://www.courier-mta.org/links.html>) page
22. ^ <http://www-01.ibm.com/support/docview.wss?uid=swg21102611>
23. ^ http://www-01.ibm.com/support/docview.wss?rs=463&context=SSKTMJ&dc=DB520&uid=swg21227751&loc=en_US&cs=UTF-8&lang=en&rss=ct463lotus
24. ^ [a](#) [b](#) via opendkim militer (<http://www.opendkim.org/>)
25. ^ [a](#) [b](#) via opendmarc militer (<http://www.trusteddomain.org/opendmarc.html>)

Retrieved from "http://en.wikipedia.org/w/index.php?title=Comparison_of_mail_servers&oldid=632764094"

Categories: [Email](#) | [Software comparisons](#) | [Message transfer agents](#)

-
- This page was last modified on 7 November 2014 at 00:04.
 - Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.