



Upgrade from MailXServer 3.3a/b to 3.4a

A) Engine Updates

1. Added support for SPF records. Sender Policy Framework (SPF) is a new email standard to stop the forgery of illegal FROM: addresses. For SPF to work domain owners must identify sending mail servers in DNS as a text record. On the recipient side SMTP receivers verify the envelope sender address against the DNS information.

Currently many SMTP servers do NOT have SPF entries in DNS. MailXServer will not drop any messages without SPF records in DNS, but can distinguish forged messages and will drop them if SPF records are published in DNS.

For more information please visit <http://www.spf.pobox.com/>

NOTE: Do not enable SPF testing before you added SPF records in your DNS. You can test your SPF records with Tools→Test SPF

2. Updated SPAM rules

GUI updates

- 1) Global Rules → SPF Settings
 - a. Enable/Disable SPF on MailXServer
- 2) Global Rules → Edit Static SPF Blacklist
 - a. Add blacklisted entries in the SPF database.
 - b. The sending server domain combination will be dropped if SPF is enabled independent of the SPF status.
- 3) Global Rules → Edit Static SPF Whitelist
 - a. Add whitelisted entries in the SPF database.
 - b. The sending server domain combination will be allowed independent of the SPF status. This feature is handy to allow email domains with incorrect SPF records.
- 4) Global Rules → SPF Cache
 - a. SPF queries can be cached to increase system performance.

- b. Please remember to flush the SPF cache regularly

- 5) System → User Management
 - a. Added page rights for the new SPF pages. By default a user will not have rights to view these pages.

- 6) Tools → Schedule Jobs
 - a. Added a “Flush SPF Cache” feature.

- 7) Tools → SPF
 - a. SPF records can be manually tested without enabling SPF on the server using this tool.

- 8) Reports → Top Entries
 - a. Added reports for:
 - i. Top Virus Sender IP
 - ii. Top Virus Sender Address
 - iii. Top RBL Blocked IP
 - iv. Top RBL Blocked Address
 - v. Top Forward Lookup Blocked IP
 - vi. Top Forward Lookup Blocked Address
 - vii. Top SPF Blocked IP
 - viii. Top SPF Blocked Address

- 9) Reports → Summery
 - a. Added SPF in summery report
 - b. Other small changes

- 10) Added the ability to add IP ranges to RBL/SPF white and blacklists

- 11) Other minor changes and fixes.

C) Compatibility Issues

- 1) None

Please Note: The next release of MailXServer will focus on advanced SPAM detecting capabilities.