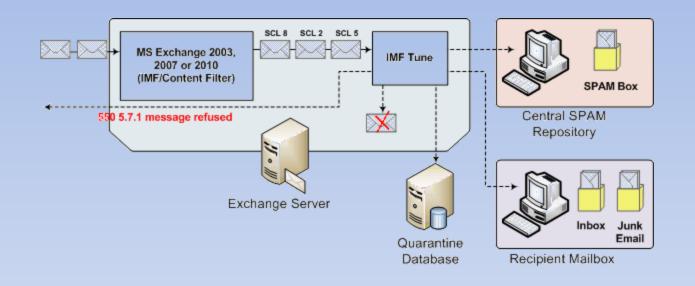




Introduction to WinDeveloper IMF Tune

What is IMF Tune?



Anti-spam product building on top of the Exchange 2003, 2007, 2010 built-in Intelligent Message Filter (IMF)/Content Filter

Quick Look at Exchange 2007/2010 Content Filter...

- Content Filter and IMF Tune must be run on Edge or Hub Transport Server
- Content Filter assigns initial SCL, IMF Tune updates this rating
- Content Filter Delete, Reject and Quarantine actions should be kept disabled.
 Perform gateway blocking at IMF Tune

Content Filtering Properties	×
General Custom Words Exceptions Action	
The content filter acts on messages according to their spam confidence level (SCL) rating and the following SCL thresholds that you define:	
Delete messages that have a SCL rating greater than or equal to:	
Reject messages that have a SCL rating greater than or equal to: 7	
Quarantine messages that have a SCL rating greater than or equal g	
Quarantine <u>m</u> ailbox e-mail address:	
The Content Filter stamps the messages that it inspects with a SCL property, a value between 0 and 9.	
A message with a SCL rating of 9 is likely to be spam.	
A message with a SCL rating of 0 is not likely to be spam.	
Cancel Apply Help	

...and Exchange 2003 IMF

- IMF is included with Exchange 2003 SP2.
- IMF assigns the initial SCL. IMF Tune updates this rating.
- Keep IMF gateway blocking to No Action.
 Perform gateway blocking at IMF Tune.

Message Delivery Properties
General Defaults Sender Filtering Connection Filtering
Recipient Filtering Details Intelligent Message Filtering Sender ID Filtering
Configure spam confidence level (SCL) thresholds. Selecting a lower number for the SCL rating blocks more messages that could be unsolicited commercial e-mail (UCE), but it also increases the likelihood of false positives.
Gateway Blocking Configuration
Set the threshold for blocking UCE on gateway servers.
Block messages with an SCL rating greater than or 7
When blocking messages: No Action
Store Junk E-mail Configuration
Set the threshold for moving UCE to a user's Junk E-mail folder.
Move messages with an SCL rating greater than or equal to:
OK Cancel Apply Help

IMF Tune Functionality

- Multiple Threshold Actions
- Email Disk Archive & Quarantine
- CSV Log Reporting
- Auto-Replies
- Various Whitelists, Blacklists
- Simple, Advanced and External SCL Rules
- HTML Keyword Reporting
- Disk Maintenance

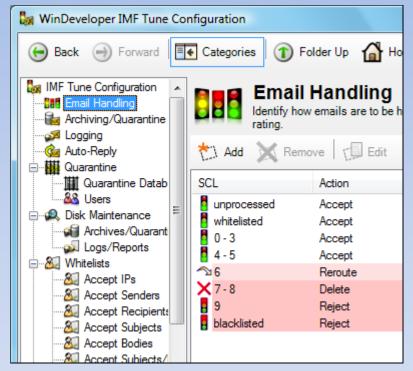
Multiple Threshold Actions

Setup any number of threshold actions to identify how emails are to be handled.

Threshold range includes SCL 0 to 9, Whitelisted, Blacklisted and Unprocessed levels.

Actions:

- •Accept & move to Junk
- •Reroute to Central Mailbox
- •Delete
- •Reject



Multiple Threshold Actions (contd.)

A selection of additional email modifications:

- ✓ Insertion of SCL in Subject/X-SCL header
- ✓ Attachment Stripping
- ✓ Insertion of Email information in Custom Headers

Disk Archiving & Quarantine

- No matter how emails are handled a copy can be saved to the Archive
- Even Rejected Emails may be Archived!
- Quarantine publishes emails through an IIS Web Application
- Review/Resubmit quarantines from browser
- Only Archived emails may be published at the Quarantine

CSV Log Reporting

- Record key information on processed emails including email addresses, subject, IP, SCL and applied action
- Standard CSV format for easy import to MS Excel and MS Access
- Break logs by date, file size and SCL ranges

White/Black Lists

- White/Black lists for IP, Sender, Recipient, Subject, Body and Attachments
- Language (character set) blacklist
- Sender and Recipient lists support the * wildcard: <u>*@windeveloper.com</u>, <u>*@*.ru</u>
- Subject and Body lists support AND, OR, NOT operators and double quotes
- Match attachments by name or extension

Filtering Rules

- Test all kind of email characteristics to selectively identify spam and legitimate emails
- Three Rule types: Simple, Advanced and External
- Rule Actions: Whitelist, Blacklist, Set SCL to any value, Increment/Decrement current SCL rating

Simple Rules

- Composed of a condition/action pair
- Test conditions against standard/custom headers, IPs, sender/recipient addresses, bodies and attachments
- Four possible matching operations:
 - ✓ Header value prefix
 - ✓ Header exact value
 - ✓ Keywords within header
 - ✓ Empty/Missing Headers

External Rules

- Same as Simple Rules, but the values to be matched are retrieved from an external file
- Great for integrating external white/black lists
- Using shared drives, the file can be read by multiple IMF Tune installations
- Possibility to integrate external sources of information (a script reading addresses from Active Directory)

Advanced Rules

- Combine a number of conditions and exceptions into one rule
- Each condition/exception tests one piece of information (header, email addresses, etc.)
- All Conditions MUST match, but Exceptions MUST NOT match for the Action to be applied
- Possibility to test email properties not available in IMF Tune from anywhere else.

Advanced Rules (Condition Types)

- Filter foreign spam by character set
- Block empty bodied PDF/Image spam
- Filter emails by attachment name, extension or MIME content type
- Filter SMTP protocol data: IP, EHLO, MAIL FROM, RCPT TO
- Match Custom Headers to integrate other spam filters into Exchange

HTML Keyword Reporting

- See exactly how emails are matching whitelists, blacklists and Rules
- Report shows what is configured at IMF Tune and how this matched an email

Disk Maintenance

- A process that controls disk consumption
- Schedule for the compression and backup of Archived Emails, Quarantine, CSV logs and HTML Keyword Reports
- Automatic deletion of old Backups

Links

IMF Tune Homepage/Download: http://www.windeveloper.com/imftune/

WinDeveloper Video Tutorials: <u>http://www.windeveloper.com/imftune/tutor/</u>

WinDeveloper YouTube Channel: <u>http://www.youtube.com/user/windeveloper/</u>

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