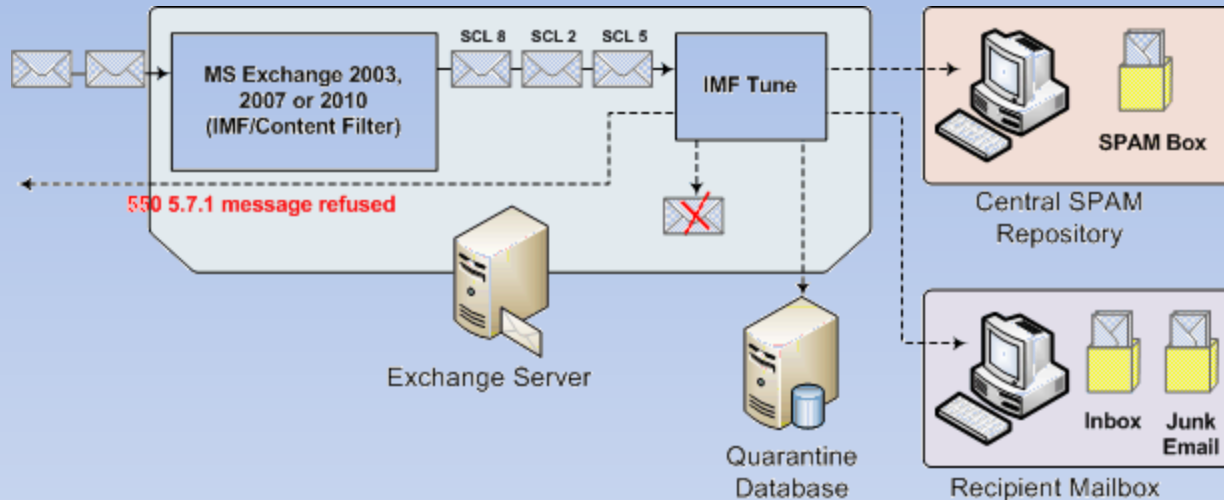




Introduction to WinDeveloper IMF Tune

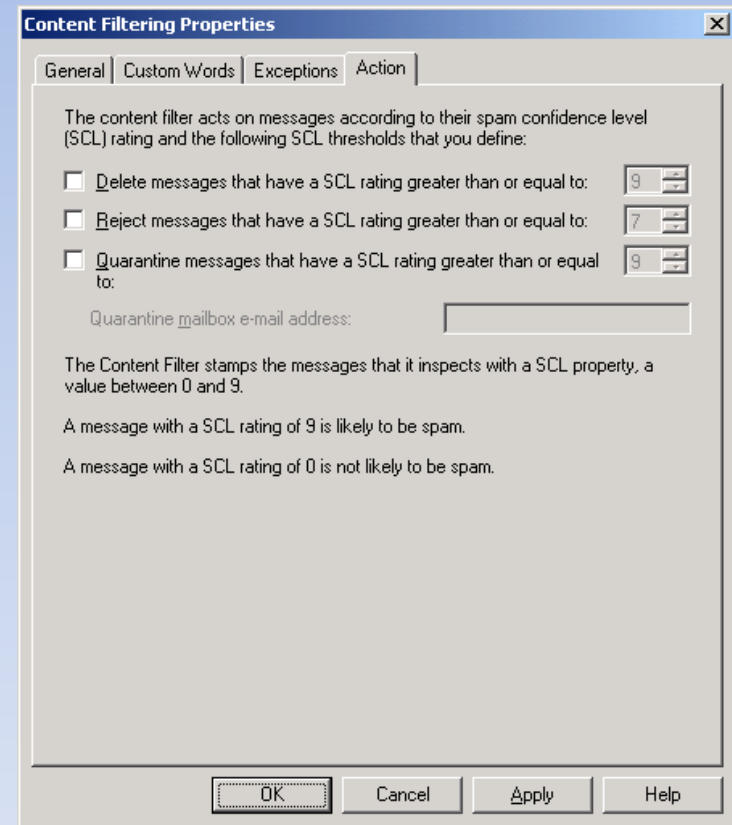
What is IMF Tune?



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

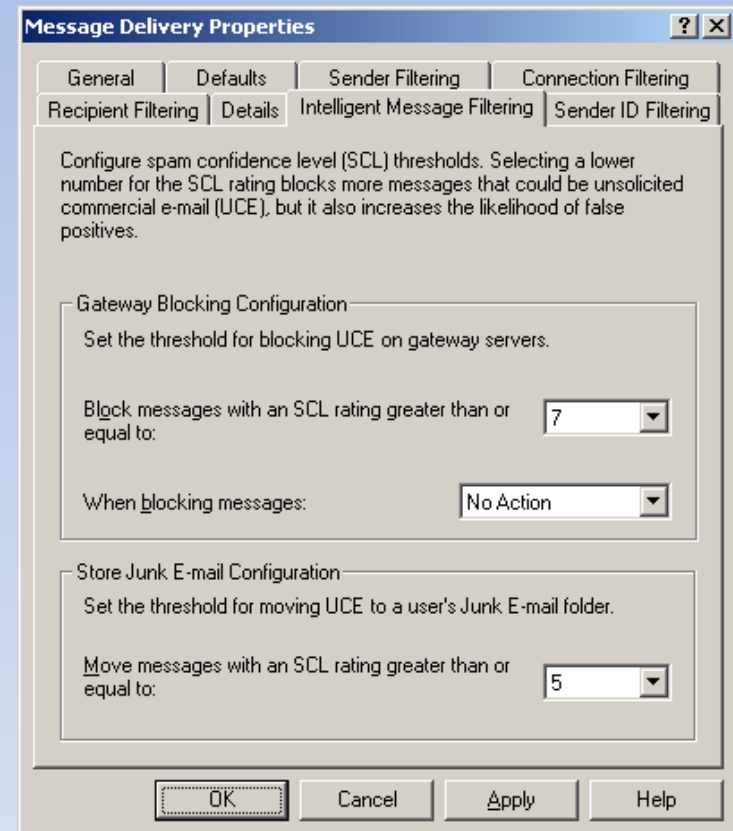
Quick Look at Exchange 2007/2010 Content Filter...

- 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



...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.



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

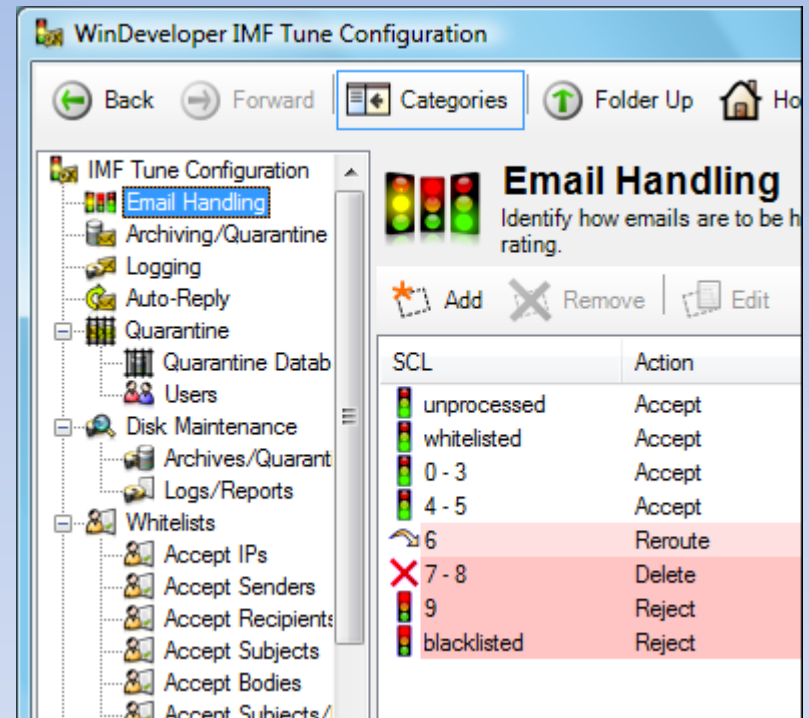
Multiple Threshold Actions

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: [*@windeveloper.com](#), [*@*.ru](#)
- 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:

<http://www.windeveloper.com/imftune/tutor/>

WinDeveloper YouTube Channel:

<http://www.youtube.com/user/windeveloper/>

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