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Messaging Architects M+Guardian 2009.1

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1. DESCRIPTION
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M+Guardian is the latest generation of email security appliances. At the core of M+Guardian is our revolutionary Policy Engine that facilitates the implementation of corporate-wide email security on all inbound and outbound messages to pro-actively filter message content, enforce corporate e-policy, and identify policy violations. M+Guardian integrates multi-layered anti-spam technology with state-of-the-art virus protection, adaptive reputation filters for outbound scanning, and granular security policies, all ensuring your collaboration system is able to meet the demands of your business.

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2. LICENSING
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Please contact Messaging Architects at 1-866-497-0101 to create a permanent or trial license for your installation.

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3. RELEASE NOTES
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M+Guardian 2009.1

--Enhancements--

- Global Quarantine
- CFS for Spool and Quarantine
- Hulastats replaces with stats
- Requeue utility for "bad" messages
- "Enable DLP" Moved from Agent to Policies
- Can now Save CF Lists and QT/Exec Reports that are up to 64k (up from 4k)
- Webadmin now in Tree View
- Added Ability to not Generate DSN per Policy
- Modified spool volume structure
- New Queue Processor
- XCFSPAM1 Engine Updated
- Live Log View has mouse over "hints" when column is too narrow
- Column resizing in Global Quarantine View

- Searches show result count
- Attachment size & name displayed in Global Quarantine
- New IMAP Agent
- New Content Filter Agent and Lexicons
- Connection Manager Modules moved to SMTP Modules for more adequate block levels

--Fixes--

- User Preferences issues with "Switch User"
- Many Content Filter Bugs
- SMTP Auth issue where Failed attempts could be retried indefinitely
- Domain Aliases not always propagating to the SMTP object
- Changing Domain Auth Types
- Live Log viewer now reliably jumps to correct timeframe
- SMTP now more closely follows RFC for Auth Helo RSET
- SMTP no longer creates unexpected users
- No longer issue footer in the middle of the message in some cases
- Specific white or black list entry will apply, with the whitelist taking precedence in the case of a tie
- Webadmin Interface Resets to parent node when clicking on create after selecting an object
- User blacklist of something@* prevents QT reports from being delivered to user
- A policy inheritance override issue
- A group membership sync issue
- Updating Policies no longer takes a restart when it previously did in some cases
- No longer takes up to 10min to load when relays are down
- Creating a whitelist entry of *@*.com no longer whitelists *@*
- Now able to set Maximum size in Content Filter Agent
- Now applies policies to recipients if sender is null
- Update Tab Bugs

--Known Issues--

- Slight increase in memory footprint

M+Guardian 2008.4.98387

::M+Guardian Fixes::

- Blank mail from not getting handled by Content Filter Agent (Defect # 30237)
- Handle non UTF-8 characters in the quarantine reports (Defect # 28561)
- Force SSL version (Defect # 30263)
- Ability to turn off plain text auth on SMTP (Defect # 30444)
- QDebug Discovery Resume flag bug (Defect # 29099)
- DNS resolution errors (Defect # 30457)
- Errors when releasing from Quarantine (Defect # 30324)

M+Guardian 2008.4.1

04/08/2009

::M+Guardian Fixes::

- Incorrect handling of mail to non existent domains (Defect # 028000)
- Web Update will not work properly when updating M+Guardian (Defect# 028416)
- Bad messages in spool causing MSecure to crash (Defect # 028534)
- HulaDMC cores (Defect # 029034)
- M+Update does not check the integrity of downloaded update file (Defect # 029309)
- XCFSpam engines not catching Japanese Spam (Defect # 029390)
- Update XCFSpam4 (Defect # 029497)

- Create CRON job for NDSREPAIR (Defect # 030003)
- MASpam and MAVirus crashing and causing cores (Defect # 030113)
- Modify test-000.sh to use netcat instead of netstat (Defect # 030210)
- Hitting "view" on a quarantine message loads the message in a very long light box(Defect# 029645)

M+Guardian 2008.4

10/27/2008

::M+Guardian Enhancements::

- Added CommTouch Zero Day Anti-Virus
- Added XCFSpam4
- Updated XCFSpam3 Engine
- Updated XCFSpam1 Engine
- Added Groupwise 8 authentication
- Added "Advanced" configuration tab to Content Filter Agent for deep inspection of Attachments.
- Added "system" level policies. Enabling scanning for user relaying off M+Guardian

::M+Guardian Fixes::

- Corrected virus name in Quarantine (defect 27300)
- Corrected display issues with certain messages in Internet Explorer (defect 28055)
- Quarantine reports not being generated for users in a domain. (Defect 28102)
- Allow users to deselect user selectable policies that have been applied at the domain or group
- Fixed stray text on Domain page in webadmin. (Defect 028254)
- Fixed an alignment problem with Attachment Policy in webadmin. (Defect 028250)
- No longer disable Warp on license expiry
- DSN now only returns message headers, not the whole message
 - Corrected "Release" in German
- Admins default to Administration instead of Quarantine
- Dashboard upstream/downstream text changed
- Only send a header when reporting a virus
- "warpd" does not disable on license expiry.
- "Quarantine" disposition on system policies causes bounce back to source.

M+Guardian 2008.3

06/23/2008

::M+Guardian Enhancements::

- Added /backup and /restore ability to administration interface
- Added software update ability into administrative interface (Ref#: D26670)
- Added license update portal in to administrative interface(Ref#: D24186)
- Unified all M+Guardian user interfaces in to one rights controlled UI.
- Added attachment stripping/storing using CAStor storage (REF#: D26897)
- Report in quarantine now goes to "Abuse" email address.
- Report message from the user includes a link to delete/release... the reported item directly from the email. Original email is attached for admin to review. (REF#: D26399)
- Quarantine rights are controlled by the "Quarantine Actions" policies. Allowing for granular association of rights to the quarantine. (REF#: D26153, D26181)
- Executive report now has historical data day/week/month (REF#: D26704)

- Added ability to do form/cookie based logins to web UI (REF# D26614)
- SNMP Traps support (REF#: D26462, D26922)
- Added new sort method in Warp Quarantine to sort items that are positively spam at the bottom, by date, and the very few possible FPs on the top, by date (REF#: D26156)

::M+Guardian Fixes::

- XCFSPAM2 now shows status in System Details Page in Dashboard
- Version string in Dashboard is no longer hard coded and reads from the installed RPM
- Added ability to Print Dashboard Details pages (REF#: D26150)
- Added logic to prevent users from block/allow list the same domain/user (REF#:D24445)
- Added a mechanism to catch messages that crash the processor and move them to .bad spool (REF#: D25065)
- Added ability to specify how long to retry a message before returning to sender on 4xx errors (REF#: D26403)
- Added ability to immediately retry delivery of spooled messages
- Fixed situation where changing the QT run time required a restart

M+Guardian 2008.2

05/05/2008

::M+Guardian enhancements::

- Deployment Wizard (Ref# 6UJ9-1-2447)

The purpose of this wizard is to:

1. Deploy & configure a new system.
2. Deploy & configure additional nodes on an existing system.

- Virtualization (Ref# 001-00-026900)

Addressing the needs and requirements of not only the exploding Virtual Appliance space but also organizations who standardize on specific hardware platforms. The M+Guardian "VESA" will be delivered on VMWare's technology, taking advantage of the industry's leading enterprise virtual platform (ESX/Infrastructure) and the freely available VMServer.

:: Fixes ::

- Executive Report Values no longer differ between the plain-text view & HTML view. (Ref# 26035)
- The Switch User field no longer logs user out of the M+Administration Console (Ref# 26525)
- The Switch User field in the M+Administration Console now correctly displays users (Ref# 26524)
- Flickering and disappearing in the Switch user field is fixed (Ref# 26544)
- The RBL/rDNS options no longer have cache intervals (Ref# 26859)
- Email released from the Quarantine Report or directly from the Quarantine using the Outlook email client and others now appears correctly (Ref# 26520)
- The Switch User field in the M+Administration Console is case sensitive (Ref# 26521)
- mdbauthstestaccount renamed to mplusmdbauthstestaccount (Ref# 26610)
- SPF now correctly treats recursive PTR records (Ref# 26626)
- Domain changes are now correctly synced when you create multiple clusters after creating domains (Ref# 26762)
- You can now generate a Quarantine Report on all nodes of a multi-cluster system (Ref# 26788)
- The M+Administration Console no longer counts aliases towards user count display (Ref# 26398)
- The Quarantine Report to Admin option now goes to the abuse email address (Ref# 26528)
- The Quarantine login page now displays email address field instead of username field (Ref# 26786)
- Blocked by RBL reply string now does not get cut off (Ref# 26858)
- The Anti-Virus agent no longer treats plain-text messages as unscannable, even if they are (Ref# 26550)
- Quarantine Actions are now correctly labeled on the Preferences tab (Ref# 26475)
- Anti-Virus/Anti-Spam no longer have auto-update frequency; it is now hard-coded at 15 minutes (Ref# 24404)
- The M+Administration Console now redirects HTTP to HTTPS, and you now have an option for to

configure the end-user Quarantine to do the same. (Ref#:26136)

- Domains containing a typo, such as "domain.co," no longer take 5 days to return a DSN (Ref# 26403)
- Setting group rights is now supported (Ref# 26749)
- The order of the items in the Quarantine has been changed. (Ref# 26182)

M+Guardian 2008.1

02/18/2008

::M+Guardian interface enhancements::

- Changes no longer require a restart of the M+Guardian system.
- User list filter available from the M+ Administration Console allows for easier management of thousands of users.
- Ability to change the authentication type of an existing domain.
- Command-line tool to move users easily from one domain to another within the same system.

::A completely redesigned M+Quarantine interface, powered by WARP technology, which includes::

- No limit on number of messages displayed M+Quarantine.
- Ability to send Quarantine reports from the M+ Administration Console.
- Delete All link available in the Quarantine Report.
- Localized multilingual M+Quarantine.
- Ability to distribute Quarantine Reports on a weekly basis.
- Ability to disable HTTP or HTTPS ports in WARP Quarantine.

::Enhanced Dashboard::

- Displays license information onscreen.
- Onscreen system status is displayed.

:: Filter Enhancements ::

- Ability to create Content Filter policies to act on header fields.
- Bypass keywords available for Attachment Blocking policies.
- Greylisting improvements.
- Multiple clusters in the same system can relay to different relay hosts in the same domain.
- Secure Route / Encryption Policies.

:: Fixes ::

- Addressed a DNS timeout issue in /etc/resolv.conf.
- TLS started before SMTP AUTH (Ref# 025580).
- Fixed many IE6, IE7 display discrepancies (Ref# 026053).
- Quarantine cleanup by size now works as designed (Ref# 025497).
- You can now restore a backup taken from one machine onto a different one (Ref# 026016).
- M+ Administration Console no longer disabled on license expiry (Ref# 025330).
- Users with Group management rights can now use those rights (Ref# 025490).
- Report link now works for all categories, not just SPAM (Ref# 026344).
- mplus init script now waits for edirectory to start (Ref# 025674).
- Rare issue where DSN would be sent to users on delivery to secondary MX when first was down (Ref# 025285).
- Removed Allow actions on Content/ Virus/ Attachments in Quarantine (Ref# 025673).
- Email addresses with &/?-% now display correctly in Allow/Block lists (Ref# 025920).
- Now able to modify / edit header fields in policies in all browsers (Ref# 024418).
- Default SSL certificates no longer have the IP address reversed (Ref# 025286).
- Crash on attachment names that were over 1024chars (Ref# 025542).
- Group Objects can now be assigned Quarantine Reports (Ref# 025918).
- QT / Executive Reports now display correctly in Outlook 2007 (Ref# 025997).
- Items released from QT Report now display correctly in the GW client (Ref# 026077).

- IMAP no longer has a 6k item limit (Red# 025737).
- Dashboard link in the M+ Administration Console now read WARP port assignments (Ref# 026051)
- SPAM x-header field now displays correctly in the GW Client (Ref# 025921).
- Dashboard server status widget reports correct status for all nodes in cluster (Ref# 026134).
- Alerts now report the deltas between time periods instead of the cumulative value (Ref# 026130).
- Message List now appears correctly when switched users in WARP Quarantine (Ref# 025938).
- rDNS no longer enabled if it wasn't enabled before, after a license expiry (Ref# 026131).
- Saving a change in Connection Manager > Lists no longer requires a restart (Ref# 026138).
- Delete all functionality restored to WARP Quarantine (Ref# 26089).
- Old Quarantine Interface now allows logins for users that had admin/group/domain rights.
- SPF now respects PTR verb all the time (Ref# 026122).
- Switch User now available for Group Admins (Ref# 026092).
- SPF now treats "?include" correctly as a neutral pass (Ref# 024422).
- SPF now treats "recursive includes" correctly (Ref# 024422).
- SPF now treats includes that have a -all correctly (Ref# 024422).
- User Selectable Policies now display without the "Internet Services" prefix in WARP Quarantine Preferences (Ref# 026144).
- Changes to RBL Agent no longer requires a restart.
- Switch User list in WARP Quarantine now handles large number of users more gracefully (Ref#026025).

:: Known Issues::

- Logging Database aging is not functioning per spec (Ref# 025489).
- M+ Administration Console user filter counts aliases as well as users (Ref# 026398).
- A specific recipient sequence can yield failure on user authentication (Ref# 026006).
- M+ Alerts fails to register with DMC on occasion (Ref# 026129).

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 4. INSTALLATION
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M+Guardian Installation 2009.1 Upgrade procedure. Only from 2008.4.98387 or higher.

- Use the "Upgrades" page on the M+Guardian web administration console.
- For multi-node installation it should be repeated from each node.

 To deploy this release on your existing 2008.4.19566 or lower please contact support.
 - support@messagingarchitects.com
 - 1866-497-0101

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 5. Appliance Specifications
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RFM1000D			
Processor	E4600 Intel Core 2 Duo 2.4 GHz, 800MHz FSB		
System Memory	2GB Total System Memory		
Hard Drive	250GB SATA2 3.0 Mbps w/ 16MB Cache HD	Network Controller	Dual-
port	Gigabit 10/100/1000		
Chassis Model	R200		
Form Factor	1U Rackmount		
Dimensions	17.60 (w) x 1.68 (h) x 21.50 (d) or 44.70cm (w) x 4.27cm (h) x 54.61cm (d)		

Weight Net 26 lbs (11.8 kg)
BTU Rating 1400 BTUs/hr (for rated output power of 260W)
AC Input Volt. 100-240 VAC (auto-range)

RFM1000
Processor Single Dual-Core Processor
System Memory 2GB Total System Memory
Hard Drive 250GB SATA2 3.0 Mbps w/ 16MB Cache HD Network Controller Dual-
port Broadcom BCM5704C Gigabit 10/100/1000
Chassis Model SC512C-260
Form Factor 1U Rackmount
Dimensions 16.7 in (w) x 1.7 in (h) x 14 in (d) (424 x 43 x 356 mm)
Weight Net 23 lbs (10.5 kg)
Idle 0.80A/98W/334BTUs per hour Idle W/PM:0.64A/77W/262BTUs p/hr
Load 0.87A/108W/369BTUs p/hr
BTU Rating 1400 BTUs/hr (for rated output power of 260W)
System Cooling One 10-cm ball bearing blower fan
AC Input Volt. 100-240 VAC (auto-range)

RFM100
Processor Single Intel Celeron Processor
System Memory 1GB PC2-5300 667Mhz Total System Memory
Hard Drive 80GB SATA2 3.0 Mbps with 8MB Cache Hard Drive
Network Controller Single-port Broadcom BCM5704C Gigabit 10/100/1000
Chassis Model CSE-512L-260
Form Factor 1U rackmount
Dimensions 16.8" (w) x 1.7" (h) x 14" (d) or 427mm (w) x 43mm (h) x 356mm (d)
Net Weight 12.2 lbs (5.53 kg)
Idle 0.78A/91W/311 BTUs per hour Idle W/PM:0.64A/77W/262 BTUs p/hr
Load 0.92A/107W/365 BTUs p/hr
BTU Rating 1400 BTUs/hr (for rated output power of 260W)
System Cooling One 10cm ball bearing blower fan
AC Input Voltage 100-240 VAC (auto-range)

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6. CONTACT INFORMATION
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General Information

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Support

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