

RMFT 2.3 – Release Notes October 2007

RepliWeb Managed File Transfer (RMFT), formally called B-Hub, is a turnkey solution for managed, enterprise-scale file exchange. RMFT greatly improves the manageability, reliability, efficiency and security of file workflows and file transfers. RMFT's user-friendly Web interface enables end-users to exchange files with ease, while fully automated server-to-server file transfer and automated file processing provide complete "hands-off" operation. By streamlining management and administration of file transfers, RMFT removes key concerns about day-to-day file transfer processes and file workflows, allowing organizations to focus valuable resources elsewhere.

RMFT 2.3 introduces major new features and enhancements including improved control over end-user capabilities, centralized inspection policies, FTPS support, enabling/disabling of active components in RMFT Web Client, Ad Hoc user support, recursion (pull from subdirectories) and entity duplication.

New Management Capabilities

Ad Hoc User Support – Ad Hoc User accounts are created "on-the-fly" when authorized users or hosts send packages to an e-mail address that does not belong to an existing RMFT user. Both users and administrators benefit from Ad Hoc functionality: Administrators are no longer burdened with the task of creating new accounts every time such a need arises; authorized users are given the freedom to send packages to anyone with a valid e-mail address.

The screenshot shows the 'Site Preferences' dialog box with the 'Ad Hoc' tab selected. The 'Allow Ad Hoc user creation' checkbox is checked. The 'Default template for Ad Hoc user creation' is set to 'Ad Hoc 3'. The 'Send verification request' checkbox is also checked, with the 'Verification request template' set to 'Enrollment Verification Request'. The 'Invitation template' is set to 'Enrollment Invitation'. Below these options is a table for selecting user information fields:

Field	Optional	Required
First Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Last Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Job Title	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Department	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Company	<input checked="" type="checkbox"/>	<input type="checkbox"/>
E-mail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Phone	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fax	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mobile	<input checked="" type="checkbox"/>	<input type="checkbox"/>

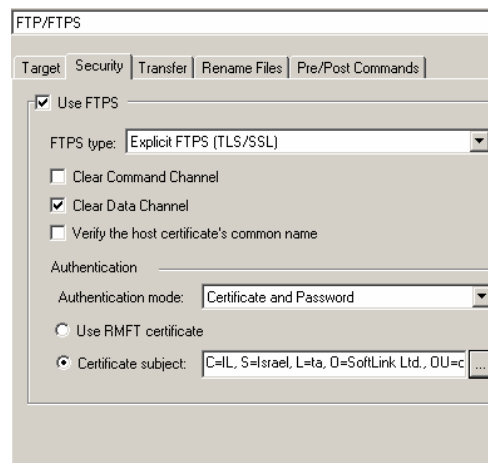
RMFT Lite Web Client – This release includes a "Lite" RMFT Web Client that does not require the installation of any active components on the user's computer. The RMFT administrator determines the RMFT Web Client operating mode (Lite or Enhanced) for each user.

Receive Only – Administrators can limit the user's capabilities to "Receive Only" thereby preventing the user from sending packages. "Receive only" users will not be able to see any sending options in RMFT Web Client.

Configurable RMFT Web Site URL – Administrators are now able to select the URL that will be used to access the RMFT Web Site.

Entity Duplication – Entity duplication saves time by enabling the RMFT administrator to duplicate an existing entity's settings to a new entity (of the same type). This is especially convenient when there is a need to create several entities with similar settings. Duplication is supported for users, hosts, host source directories, host target directories, groups, distribution lists, notification templates, user templates and inspection policies.

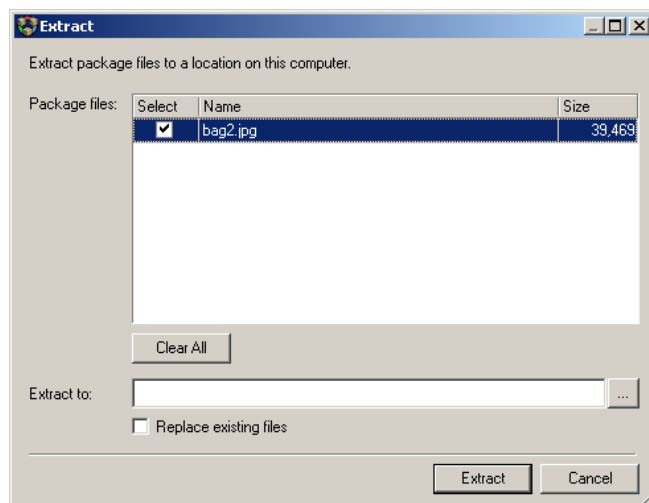
FTPS Support – FTPS protocol is now supported for host transfers. FTPS offers added security options that are not available with standard FTP such as certificate-based authentication and host certificate validation.



Recursion – Hosts are now able to pull files from any subdirectories located under the source directory. For example, if the source directory is `c:\temp` and the file specification is `*.txt`, all `*.txt` files residing in `c:\temp\temp2`, `c:\temp\temp2\temp3` and any other directories located under `c:\temp` will be included in the pull operation.

Extract Files –

Administrators can now easily extract files from packages on RMFT Server and save them locally as required. The files can then be physically transported to recipients that, for whatever reason, are unable to receive the files using RMFT.



Web Service – The RMFT Web Service provides organizations with the tools to integrate RMFT functionality into in-house and third party applications.

New End-User Capabilities

RMFT Lite Web Client – This release includes a “Lite” RMFT Web Client that does not require the installation of any active components on the user's computer. The “Lite” RMFT Web Client enables packages to be sent and downloaded using standard HTTP/S protocol only.

The new RMFT Lite Web Client fully complies with corporate policies which may prevent employees or other RMFT end users from installing or running active components on their computers. External users that do not want to install active components or whose browser settings prevent the download/installation of active components are still able to transfer files using RMFT Lite Web Client.

Sending to Ad Hoc Users –

The new Ad Hoc user capability gives authorized users the freedom to send packages to anyone with a valid e-mail address. Ad Hoc User accounts are created automatically when authorized users send packages to an e-mail address that does not belong to an existing RMFT user.

Sending to a Recipient's E-Mail Address

– Users are now able to address packages to a recipient's e-mail address thereby eliminating the need to know the recipient's RMFT user name when sending a package. Packages addressed to recipient's e-mail addresses will be sent to the recipient's RMFT inbox, just like regular packages.



Toggle Files/Packages View – RMFT Web Client now enables users to switch between Packages view and Files view according to personal preference. The selected view will be applied to the user's folder contents as well as any search results. Files view can be more convenient at times, especially when searching for a specific file or group of files.

Feature Enhancements

Inspection Policies – This version improves the manageability of Inspection Policies (formally known as Outbox Policies) and enhances system scalability by enabling administrators to define Inspection Policies once in a central list and associate them with other entities as required. Inspection policies can be used

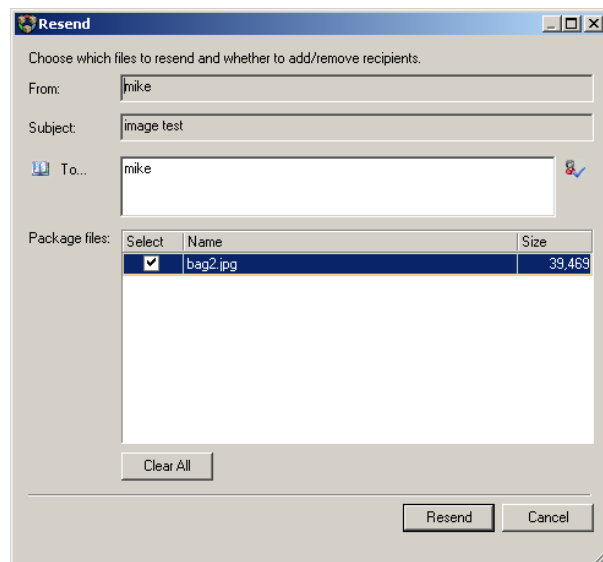
to protect against security threats such as viruses or unauthorized file types. Administrators can add as many policies as required and determine how RMFT will respond if a package is rejected by any of the policies.

Case Insensitive Entity Names - In this release, entity names are case insensitive. This enables users to type their user name in upper case or lower case (or a combination of both) when logging in to RMFT Server. Case insensitivity extends to all addressable RMFT entities (Users, Hosts and Distribution Lists), enabling senders to type recipient names in any case. This is especially convenient when the GUI address book is not available, such as in command line operations.

Plain Colored Toolbar Background – The RMFT Web Client toolbar background now consists of a single color thus enabling organizations to easily replace the toolbar background color with their own corporate color scheme.

Package Resend –

Administrators can now resend packages as required by simply right-clicking the package in the Package Monitor and selecting "Resend package". This is especially useful if, for example, some of the recipients did not receive the package and the sender has deleted the original files.



Bug Fixes

The following problems were discovered in B-Hub 2.2 and are fixed in RMFT 2.3:

- FTP push recursion would occasionally create too many subdirectories on the target.
- Leaving the "Replace existing files" option unselected in the SMB push protocol would cause a transfer error.
- Attempts to connect to the Web Monitor using HTTP/S would fail.
- B-Hub Groups were not shown in the Host Send/Receive list of RMFT entities.
- Group inspection policies were not applied to hosts (that were members of the group).
- The Expiration and Notification process would occasionally hang.
- RMFT Server Manager would occasionally crash on 64bit machines.
- The Decrypt/Verify Web tool would not work occasionally.
- Java Shared Folders download would generate an error if the target directory was undefined.
- The browse window in RMFT Web Client Java mode would take a long time to open.
- Pull job would occasionally fail with a "failed to obtain file name" error.
- Upload of package would fail occasionally with a "Insufficient space on target disk" message, despite there being sufficient disk space.
- RMFT Manager crashed occasionally when quickly switching between job status filters.
- Some of the pre-packaging environment variables could not be set.
- Interrupting transfer of a signed file would not generate an error during verification.
- SMB pull would pull files from the whole directory tree instead of just the root directory.
- Issuing a FASTCopy command with the `-execute_only` qualifier would generate a "No such file or directory" error.

Known Issues

The following is a list of known issues:

Case Insensitivity on Oracle – Case insensitivity is supported from Oracle 10.02.0010. In Oracle versions preceding 10.02.0010, user names are case sensitive. In other words, users need to log in using the same case that was used to create their accounts on RMFT Server. For example, if a user is defined as mike on RMFT Server, that user *will not* be able to log in as MIKE.

2GB Upload/Download (Push/Pull) Limit – When uploading/downloading files using the protocols listed below, the size of a single file cannot exceed 2GB.

Applies to the following protocols:

- S/FTP
- SCP
- FTPS
- HTTP