



TIBCO® Managed File Transfer Command Center

Release Notes

*Version 8.4.2
April 2022*



Contents

Contents	2
New Features	3
Changes in Functionality	4
Changes in Platform Support	5
Deprecated and Removed Features	6
Migration and Compatibility	7
Closed Issues	10
Known Issues	14
TIBCO Documentation and Support Services	19
Legal and Third-Party Notices	21

New Features

No new features have been added in this release of TIBCO® Managed File Transfer Command Center.

Changes in Functionality

No functionality changes have been made in this release of TIBCO® Managed File Transfer Command Center.

Changes in Platform Support

Supported platforms are not affected in this release. For a complete list of supported platforms, see the Readme file.

Deprecated and Removed Features

No features have been deprecated or removed as of this release of TIBCO MFT Command Center .

Migration and Compatibility

When upgrading from a previous release to this release of TIBCO Managed File Transfer Command Center, follow these guidelines:

- The database should always be backed up prior to an upgrade.
- When migrating from prior releases, you must install TIBCO Managed File Transfer Internet Server 8.4.2 first. Only after all TIBCO MFT Internet Servers are migrated to 8.4.2, you should install TIBCO Managed File Transfer Command Center 8.4.2.
- TIBCO Managed File Transfer Command Center 8.4.2 cannot run concurrently on the same machine with versions prior to 7.3.0 of TIBCO MFT Command Center or TIBCO MFT Command Center sharing the same Java JDK because of improvements in the software. If you are installing TIBCO MFT Command Center 8.4.2 on a machine that is running a version prior to 7.3.0 of TIBCO MFT Command Center, it should only be installed if you are upgrading to the new version. You can install TIBCO MFT Command Center 8.4.2 on the same server only if you use a different Java JDK.
- Alerts added in prior releases (before version 7.3.0) become transfer alerts in this release.
- Versions of the desktop client at release 8.3 and below do not work with version 8.4.2. You must upgrade to version 8.4.2 to use the desktop client. Desktop Client version 4 does not work with MFT Internet Server version 8.3 and below.
- The Promotion Utility only supports REST. The Promotion Utility can work with MFT Internet Server and Command Center version 8.3 and version 8.2 by using REST calls.
- The Command Line Utilities (Admin, Platform Transfer, and File Transfer) only support REST. They can work with MFT Internet Server and Command Center version 8.3 and version 8.2 by using REST calls.

i Note: When you run TIBCO Managed File Transfer Command Center in BouncyCastle FIPS mode, only Elliptic Curve Diffie-Hellman ciphers are supported. In FIPS mode, RSA keys are not allowed to be used for encrypting/decrypting and then used again for signing/verifying. SSL/TLS is particularly prone to this problem, especially if keys are shared by client and servers. Therefore, only Elliptic Curve Diffie-Hellman ciphers are allowed for FTPS, Platform Server SSL, Platform Server Tunnel, and HTTPS client and server requests. While Elliptic Curve ciphers are supported in recent client and server software, some old software does not support Elliptic Curve ciphers. You must ensure that all client and server software supports Elliptic Curve ciphers. When you use TIBCO MFT Platform Server for Windows or TIBCO MFT Platform Server for UNIX, the following software must be installed to support Elliptic Curve ciphers:

- MFT TIBCO Platform Server for Windows V8.0.0 with hotfix 8.0.0_HF-002 or later
- MFT TIBCO Platform Server for UNIX V8.0.0 with hotfix 8.0.0_HF-001 or later

Enabling the CTEXT Data Type

When you install TIBCO MFT Command Center with a PostgreSQL database, support for the CTEXT data type is required. To enable the CTEXT data type

1. Install the PostgreSQL citext extension.
2. Execute the following SQL command as a superadmin for the PostgreSQL MFT database.

```
CREATE EXTENSION IF NOT EXISTS CTEXT;
```

Migration from a Previous Release

You can migrate to version 8.4.2 of TIBCO Managed File Transfer Command Center in one of two ways:

1. As a new installation with a new database.
2. As an upgrade from an existing installation.

i Note: If you have an existing installation running TIBCO MFT Command Center 8.4.0 or 8.4.1 performing this service pack (or hotfix) installation is recommended.

- a. Copy the following files to the install directory of the TIBCO MFT Command Center 8.4.0 or 8.4.1:
 - fips.sh
 - fips.bat
 - install.sh
 - install.bat
 - installer.jar
 - server.jar
 - SPMFT842.jar
- b. Install the service pack as if it was a hotfix. Enter one of the following commands based on your operating system:
 - For UNIX: `./install.sh SPMFT842` or `./install.sh SPMFT842 silent`
 - For Windows: `.\install.bat SPMFT842` or `.\install.bat SPMFT842 silent`

For more information, see the instructions in the *TIBCO Managed File Transfer Command Center Installation* document.

You can migrate to version 8.4.2 of the Admin client and the Platform Transfer client utilities in the following way:

1. Copy the AdminClient.tar and the AdminClient.zip files from *MFT install/SPMFT842/cfccroot/obfuscate/AdminClient* to *MFT Install/distribution/AdminClient/* and re-install the client utility.
2. Copy the PlatformTransferClient.tar and the PlatformTransferClient.zip files from *MFT install/SPMFT842/cfccroot/obfuscate/PlatformTransfer* to *MFT Install/distribution/PlatformTransfer/* and re-install the client utility.

Closed Issues

The following issues have been fixed in this release and in the 8.4.1 hotfixes of TIBCO® Managed File Transfer Command Center.

8.4.2

Closed Issues

Key	Summary
MFCC-6659	When a Platform Server client initiates a RENAME request, the file is renamed successfully, but the Platform Server request fails with the following error message: "Invalid record type. 00. Expecting a Control/Data/Trailer/Message record".
MFCC-6653	An issue processing XML data is resolved.
MFCC-6651	STRUTS is upgraded to version 2.5.30.
MFCC-6647	When using the FileShare client on Firefox, the directory upload fails.
MFCC-6645	When uploading a folder through the browser file transfer interface, the upload fails.
MFCC-6604	When a logged-in user presses Home after attempting to change the password while the System Configuration > Password Rules > Maximum Days Between Password Change is set to >0, the user is inaccurately redirected to the Password Change page.
MFCC-6601	Tomcat is upgraded to version 9.0.62.
MFCC-6600	The spring.core and spring.jar files are upgraded to version 5.3.18.

8.4.1 Hotfix

Closed Issues

Key	Summary
MFCC-6599	VirtualAlias is added to the list of tokens supported by the email-notification-template.xml template.
MFCC-6598	When using REST calls to add Transfer definitions, notification emails are not sent when the File Notification Email Template transfer parameter is defined.
MFCC-6592	When starting MFT in FIPS mode, the SSH server fails to start with the following error message: "Algorithm not supported: ARCFOUR".
MFCC-6591	When adding an ECDSA SSH public key in FIPS mode, the request fails with the following error message: "Invalid key length, xxx bits".
MFCC-6590	Under Global Password Rules section, the Maximum Repeating or Consecutive Characters field is reset after installing version 8.4.1.
MFCC-6589	When adding SSH ed25519 public keys, the request fails with the following error message: "Cannot extract information from key".
MFCC-6588	When a Platform Server initiates a Receive request and the file is not found on the target SSH server, the Audit record and Platform Server error message show the following generic error: "Error detected on front side Error detected. Transfer failed."
MFCC-6584	When using a Google Cloud load balancer, the X-Forwarded-for header returns two IP addresses and both are displayed in the Audit > Client IP Address field.

Closed Issues(Continued)

Key	Summary
MFCC-6581	Platform Server initiated PGP downloads fail with the following error message: "Expecting a Control/Data/Trailer/Message record".
MFCC-6578	The PPA Action is not working correctly on target SharePoint servers when the files have to be moved to a different directory.
MFCC-6577	When uploading files to a SharePoint server, directories defined in the Transfer definition server file name are not created.
MFCC-6571	Some SSH keys in the fips test report are incorrectly displayed as "unknown algorithm".
MFCC-6569	The Update PGP System Key help page does not match the page fields.
MFCC-6568	When a user, with an expired password, logs on to the browser interface, the user is unable to change the password and the following error message is displayed: "Warning! Your security token cannot be verified".
MFCC-6565	When accessing the server definition through the Audit Detail > Server Properties > Server Name > Back to Server List , a 404 page is displayed.
MFCC-6557	Tomcat is upgraded to version 9.0.59.
MFCC-6556	When running with Java 17, the MFT server shutdown hangs and the following exception error message is displayed in the catalina.out: "java.lang.reflect.InaccessibleObjectException".
MFCC-6550	The authentication to Google Storage fails when Server >

Closed Issues(Continued)

Key	Summary
	Google Cloud Options > Json Service Account File Content contains CRLF delimiters.
MFCC-6541	When a Mailbox request is forwarded, transfer definitions are incorrectly created.
MFCC-6540	On the Server definition, when Override JMS Service Configuration is checked, Server credentials are not used when connecting to the JMS server.
MFCC-6532	The Browser Transfer Settings > SSH > Display System Public Key incorrectly displays a certificate instead of the SSH key.

Known Issues

The following issues exist in this release of TIBCO® Managed File Transfer Command Center.

Key	Summary
MFCC-6128	<p>Summary: When using some clients for download from Virtual Alias, the virus files are downloaded if AV check is in 'Streaming mode'.</p> <p>See <i>TIBCO Managed File Transfer User's Guide</i> for more information on virus scanning.</p> <p>Workaround: None.</p>
MFCC-5945	<p>Summary: When a new trusted certificate is added, Internet Server or Command Center must be restarted before the trusted certificate is used.</p> <p>Workaround: Restart the Internet Server or Command Center.</p>
MFCC-5942	<p>Summary: When clientAuth is set to true, all multi-server communications fails, including server status.</p> <p>Workaround: Only set clientAuth to true when there is only one MFT instance. For multiple instances, set to "want".</p>
MFCC-5714	<p>Summary: When the target server is a Platform Server, new Internet Transfer PPA tokens are added that are not supported.</p> <p>Workaround: Review the Transfer definition help pages for more information.</p>
MFCC-5480	<p>Summary: Installation of TIBCO Managed File Transfer Command Center is successful on IBM DB2 Version 11.5 for Linux, UNIX, or Windows operating system, but an exception is thrown in the Catalina console.</p> <p>Workaround: The exception can be ignored. However, to prevent the java.io.FileNotFoundException, you can take one of the following actions:</p>

(Continued)

Key	Summary
	<ul style="list-style-type: none"> Edit the MANIFEST.MF file, and remove the following line: Class-Path: pdq.jar or Edit the context.xml file for Apache Tomcat, and add the following line to set the value of scanClassPath to false: <Context> <JarScanner scanClassPath="false" /> </Context>
MFCC-5458	<p>Summary: When you sort the Users, Servers, and Transfers definition pages by any column multiple times, a bad token error message is received.</p> <p>Workaround: None.</p>
MFCC-5339	<p>Summary: TIBCO Managed File Transfer Command Center may get the following exception when connecting to MySQL 8.</p> <p>Failed to establish a connection to the database: com.mysql.jdbc.exceptions.jdbc4.MySQLNonTransientConntionException: Public Key Retrieval is not allowed-error-in-java/</p> <p>Workaround: There are 3 possible workarounds for this issue (ranked most secure to least secure):</p> <ol style="list-style-type: none"> 1. Use a TLS connection from MFT to MySQL. 2. Change the MySQL default_authentication_plugin section to mysql_native_password. 3. Add the following parameter to the database connection URL: &allowPublicKeyRetrieval=true <p>Note: allowPublicKeyRetrieval=true could allow a malicious proxy to perform a man in the middle attack to get the plaintext password, that is why it is false by default.</p>
MFCC-5103	<p>Summary: A user is unable to delete or rename files from download definitions when '/' is the virtual alias.</p>

(Continued)

Key	Summary
	Workaround: None.
MFCC-5121	<p>MFT Reports receive an exception when using Java 11 that runs in FIPS mode.</p> <p>Workaround: None.</p>
MFCC-5144	<p>Summary: Dashboards do not work in Internet Explorer.</p> <p>Workaround: None.</p>
MFCC-4847	<p>Summary: When the MFT browser client is used for file transfers, the following issues occur:</p> <ul style="list-style-type: none"> • Folder drag and drop does not work in Internet Explorer. • With NODRIVE token, the folder structure of the files uploaded in Edge is different from that in Firefox or Chrome. <p>Workaround: None.</p>
MFCC-4588	<p>Summary: When the server.xml HTTPS connector has been configured to accept only TLSv1.3, hotfix installations may fail because the installer supports TLSv1, TLSv1.1 or TLSv1.2.</p> <p>Workaround: The user must add TLSv1.3 to this parameter in the install.bat or install.sh: -Dhttps.protocols="TLSv1,TLSv1.1,TLSv1.2,TLSv1.3"</p>
MFCC-4564	<p>Summary: When the Oracle database password length is less than 14 characters, a user cannot enable or disable FIPS mode in TIBCO Managed File Transfer Command Center installed on Oracle database.</p> <p>Workaround: The Oracle database password length must be more than 14 characters.</p>
MFCC-4403	<p>Summary: In the database reports, the heading fields are not displayed after exporting to .docx format.</p> <p>Workaround: None.</p>

(Continued)

Key	Summary
MFCC-4386	<p>Summary: [G11N] Filename with multilingual characters gets garbled after it is uploaded to the transfer client in SSH server type.</p> <p>Workaround: Add UTF-8 in the SSHFileNameEncoding parameter in the web.xml file. Here is an example:</p> <pre><context-param> <param-name> SSHFileNameEncoding</param-name> <!-- use UTF-8 if default (ISO-8859-1) not working --> <param-value>UTF-8</param-value> </context-param></pre>
MFCC-3872	<p>Summary: A TIBCO® Managed File Transfer Platform Server upgrade is required to enable the StopOnFailure parameter in TIBCO MFT Platform Server transfer Data Properties section. This issue will be resolved in version 8.1 of TIBCO® Managed File Transfer Platform Server for UNIX , TIBCO® Managed File Transfer Platform Server for Windows , TIBCO® Managed File Transfer Platform Server for IBM i, and TIBCO® Managed File Transfer Platform Server for z/OS.</p> <p>Workaround: None.</p>
MFCC-2934	<p>Summary: TIBCO MFT Command Center uses Kerberos authentication to connect to the remote HDFS server even if simple authentication has been specified in the server definition.</p> <p>Workaround: Restart TIBCO MFT Command Center.</p>
MFCC-2916	<p>Summary: When upgrading TIBCO MFT Command Center from version 7.2.5 or 7.3.0 to version 8.4.0, if you use IBM DB2 database, the upgrade fails with an error of SQLCODE=-668, SQLSTATE=57016 when creating the DB2 database tables.</p> <p>Workaround: When this error occurs, issue the following command to reorganize the DB2 CONFIG table:</p>

(Continued)

Key	Summary
	<pre>db2 connect to <your_database_name> db2 REORG TABLE DB2ADMIN.CONFIG</pre>
MFCC-2750	<p>Summary: When selecting a user folder from the Server File Name list in a File Share transfer definition, if the name of the folder shared by another user is the same as the folder that you created, only the shared folder is displayed.</p> <p>Workaround: None.</p>

TIBCO Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the [TIBCO Product Documentation](#) website, mainly in HTML and PDF formats.

The [TIBCO Product Documentation](#) website is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The following documentation for TIBCO® Managed File Transfer Command Center is available on the [TIBCO® Managed File Transfer Command Center](#) Product Documentation page.

- TIBCO® Managed File Transfer Command Center *Managed File Transfer Overview*
- TIBCO® Managed File Transfer Command Center *Installation*
- TIBCO® Managed File Transfer Command Center *Quick Start Guide*
- TIBCO® Managed File Transfer Command Center *User's Guide*
- TIBCO® Managed File Transfer Command Center *Utilities Guide*
- TIBCO® Managed File Transfer Command Center *API Guide*
- TIBCO® Managed File Transfer Command Center *Security Guide*
- TIBCO® Managed File Transfer Command Center *Container Deployment*
- TIBCO® Managed File Transfer Command Center *Release Notes*

How to Contact TIBCO Support

Get an overview of [TIBCO Support](#). You can contact TIBCO Support in the following ways:

- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the [TIBCO Support](#) website.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to [TIBCO Support](#) website. If you do not have a user name, you can request one by clicking **Register** on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the [TIBCO Ideas Portal](#). For a free registration, go to [TIBCO Community](#).

Legal and Third-Party Notices

SOME TIBCO SOFTWARE EMBEDS OR BUNDLES OTHER TIBCO SOFTWARE. USE OF SUCH EMBEDDED OR BUNDLED TIBCO SOFTWARE IS SOLELY TO ENABLE THE FUNCTIONALITY (OR PROVIDE LIMITED ADD-ON FUNCTIONALITY) OF THE LICENSED TIBCO SOFTWARE. THE EMBEDDED OR BUNDLED SOFTWARE IS NOT LICENSED TO BE USED OR ACCESSED BY ANY OTHER TIBCO SOFTWARE OR FOR ANY OTHER PURPOSE.

USE OF TIBCO SOFTWARE AND THIS DOCUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF A LICENSE AGREEMENT FOUND IN EITHER A SEPARATELY EXECUTED SOFTWARE LICENSE AGREEMENT, OR, IF THERE IS NO SUCH SEPARATE AGREEMENT, THE CLICKWRAP END USER LICENSE AGREEMENT WHICH IS DISPLAYED DURING DOWNLOAD OR INSTALLATION OF THE SOFTWARE (AND WHICH IS DUPLICATED IN THE LICENSE FILE) OR IF THERE IS NO SUCH SOFTWARE LICENSE AGREEMENT OR CLICKWRAP END USER LICENSE AGREEMENT, THE LICENSE(S) LOCATED IN THE “LICENSE” FILE(S) OF THE SOFTWARE. USE OF THIS DOCUMENT IS SUBJECT TO THOSE TERMS AND CONDITIONS, AND YOUR USE HEREOF SHALL CONSTITUTE ACCEPTANCE OF AND AN AGREEMENT TO BE BOUND BY THE SAME.

This document is subject to U.S. and international copyright laws and treaties. No part of this document may be reproduced in any form without the written authorization of TIBCO Software Inc.

TIBCO, the TIBCO logo, the TIBCO O logo, and Slingshot are either registered trademarks or trademarks of TIBCO Software Inc. in the United States and/or other countries.

Java and all Java based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

This document includes fonts that are licensed under the SIL Open Font License, Version 1.1, which is available at: <https://scripts.sil.org/OFL>

Copyright (c) Paul D. Hunt, with Reserved Font Name Source Sans Pro and Source Code Pro.

All other product and company names and marks mentioned in this document are the property of their respective owners and are mentioned for identification purposes only.

This software may be available on multiple operating systems. However, not all operating system platforms for a specific software version are released at the same time. See the readme file for the availability of this software version on a specific operating system platform.

THIS DOCUMENT IS PROVIDED “AS IS” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

THIS DOCUMENT COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THIS DOCUMENT. TIBCO SOFTWARE INC. MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS DOCUMENT AT ANY TIME.

THE CONTENTS OF THIS DOCUMENT MAY BE MODIFIED AND/OR QUALIFIED, DIRECTLY OR INDIRECTLY, BY OTHER DOCUMENTATION WHICH ACCOMPANIES THIS SOFTWARE, INCLUDING BUT NOT LIMITED TO ANY RELEASE NOTES AND "READ ME" FILES.

This and other products of TIBCO Software Inc. may be covered by registered patents. Please refer to TIBCO's Virtual Patent Marking document (<https://www.tibco.com/patents>) for details.

Copyright © 2003-2022. TIBCO Software Inc. All Rights Reserved.