



Informatica® B2B Data Exchange
10.5.3

What's New and Changed

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Preface

Use the *B2B Data Exchange Release Guide* to learn about new features and enhancements for B2B Data Exchange and Managed File Transfer. Learn about behavior changes between versions of B2B Data Exchange.

Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

Informatica Network

The Informatica Network is the gateway to many resources, including the Informatica Knowledge Base and Informatica Global Customer Support. To enter the Informatica Network, visit <https://network.informatica.com>.

As an Informatica Network member, you have the following options:

- Search the Knowledge Base for product resources.
- View product availability information.
- Create and review your support cases.
- Find your local Informatica User Group Network and collaborate with your peers.

Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

To search the Knowledge Base, visit <https://search.informatica.com>. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at KB_Feedback@informatica.com.

Informatica Documentation

Use the Informatica Documentation Portal to explore an extensive library of documentation for current and recent product releases. To explore the Documentation Portal, visit <https://docs.informatica.com>.

If you have questions, comments, or ideas about the product documentation, contact the Informatica Documentation team at infa_documentation@informatica.com.

Informatica Product Availability Matrices

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Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services and based on real-world experiences from hundreds of data management projects. Informatica Velocity represents the collective knowledge of Informatica consultants who work with organizations around the world to plan, develop, deploy, and maintain successful data management solutions.

You can find Informatica Velocity resources at <http://velocity.informatica.com>. If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

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Informatica Global Customer Support

You can contact a Global Support Center by telephone or through the Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.

CHAPTER 1

Version 10.5.3

This chapter includes the following topics:

- [New Features and Enhancements for B2B Data Exchange, 6](#)
- [New Features and Enhancements for Managed File Transfer, 6](#)
- [Changed behaviour, 8](#)
- [Dropped Support, 9](#)

New Features and Enhancements for B2B Data Exchange

This section lists new features and enhancements in the B2B Data Exchange 10.5.3 release.

[Restrict the download of input data and output data from Event Details](#)

B2B Data Exchange administrators can restrict operators and Partners Portal users from downloading the input data and output data from the Details pane of Data Exchange Events.

For more information, see the *B2B Data Exchange 10.5.3 Operator Guide*, *B2B Data Exchange 10.5.3 Partners Portal Guide*, and the *B2B Data Exchange 10.5.3 Administrator Guide*.

New Features and Enhancements for Managed File Transfer

This section lists new features and enhancements for Managed File Transfer in the B2B Data Exchange 10.5.3 release.

[Start, stop, and get the status of an MFT service](#)

Managed File Transfer Users can start, stop, and get the status of an Managed File Transfer services (protocols) with the Command Line Utility.

For more information, see the *Managed File Transfer 10.5.3 Command Line Reference Guide*.

[Data Exchange Endpoint name](#)

You can view the name of Data Exchange endpoint that triggered the job on the Managed File Transfer Complete Jobs grid. You can use the endpoint name to search for Managed File Transfer jobs.

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

MFT job timeout

You can set the duration by when to stop running a Managed File Transfer job.

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

File upload restriction for Web Users

A web user can configure restrictions on file uploads either in the Web Users page or with the B2B Data Exchange REST API. You can configure different upload restrictions for different users.

For more information, see the *Managed File Transfer 10.5.3 User Guide* and the *B2B Data Exchange 10.5.3 REST API Guide*.

Persistency of MLLP connections

You can send multiple HL7 messages through an MLLP connection.

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

Overwrite a Web User during migration

Managed File Transfer Admin Users can choose to overwrite an existing Web User during import from the user interface or with the Command Line Utility. Managed File Transfer overwrites the Web User in the target.

For more information, see the *Managed File Transfer 10.5.3 User Guide* and the *Managed File Transfer 10.5.3 Command Line Reference Guide*.

SSH handshake information for audit logs of SFTP in MFT

Audit logs of SFTP service in MFT displays the SSH handshake information for incoming messages.

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

SHA2 fingerprint for Web User certificate-based authentication

You can choose the following digest algorithms for Managed File Transfer to authenticate a Web User:

- SHA1
- SHA224
- SHA256
- SHA384
- SHA512

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

Additional administrator roles

Managed File Transfer enables read-only access to Resources, Certificates & keys and Web Users through the following newly added Admin Roles:

- Key Manager (Read-Only)
- Resource Manager (Read-Only)
- Web User Manager (Read-Only)

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

Set permissions for multiple resources with the Command Line Utility

You can grant or revoke permissions for multiple resources for Admin Users or Admin Groups with the Command Line Utility.

For more information, see the *Managed File Transfer 10.5.3 Command Line Reference Guide*.

[Get list of resources](#)

You can get the list of resources with the Command Line Utility.

For more information, see the *Managed File Transfer 10.5.3 Command Line Reference Guide*.

[Custom encryption key](#)

You can create an encryption key to encrypt sensitive data and use it instead of the default encryption key.

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

[Audit events of web users and admin users](#)

You can use Managed File Transfer Audit Events to track the create, update, and delete actions that Web Users and Admin Users perform.

For more information, see the *Managed File Transfer 10.5.3 User Guide*.

[Okta Multifactor Authentication to the Managed File Transfer Portal](#)

You can use Okta Multifactor Authentication to log in to the Managed File Transfer Portal.

For more information, see the *Managed File Transfer 10.5.3 User Guide* and the *Managed File Transfer 10.5.3 File Transfer Portal Guide*.

Changed behaviour

This section lists the changed behaviour for B2B Data Exchange in the 10.5.3 release.

[Run jobs in batch mode](#)

B2B Data Exchange operators and administrators can run endpoints in batch mode by selecting job queues in B2B Data Exchange endpoints. Run batch jobs of large files to transfer them at higher speeds. You can run the job for the following endpoint types:

- MFT Remote Endpoint- Receive
- MFT Remote Endpoint- Send

Previously, B2B Data Exchange ran jobs only in interactive mode.

For more information, see the *B2B Data Exchange 10.5.3 Operator Guide*.

[Viewing user groups](#)

You can view user groups if you have the View privilege.

Previously, only users with Edit privileges could view user groups.

For more information, see the *B2B Data Exchange 10.5.3 Operator Guide*.

[Pattern name and profile name](#)

The complete pattern name and profile name is displayed in the Endpoint page.

Previously, the Routing Patterns grid of the Managed File Transfer endpoint trimmed the file name pattern and profile name.

For more information, see the *B2B Data Exchange 10.5.3 Operator Guide*.

Dropped Support

Read this section to learn about support changes in the B2B Data Exchange 10.5.3 release.

Effective in version 10.5.3, B2B Data Exchange dropped support for the following functionality:

- **Dashboard (Deprecated).** This dashboard was based on LogiXML and used the operational data store. For more information, see the *B2B Data Exchange 10.5.3 Operator Guide*.
- **Server Message Block (SMB) v1**

For more information about the dropped support, contact Informatica Global Customer Support.

CHAPTER 2

Version 10.5.0

This chapter includes the following topics:

- [New Features and Enhancements for B2B Data Exchange, 10](#)
- [New Features and Enhancements for Managed File Transfer, 12](#)
- [Changed behaviour, 12](#)
- [Support Changes, 13](#)

New Features and Enhancements for B2B Data Exchange

This section lists new features and enhancements in the B2B Data Exchange 10.5.0 release.

Run inbound MFT endpoints

B2B Data Exchange operators and administrators can run inbound endpoints manually, from the B2B Data Exchange console, with a REST API, or from a command line utility. You can manually run the following inbound endpoint types:

- MFT Remote Endpoint- Receive
- MFT Hosted Endpoint- Receive

For more information about running endpoints from the console, see the *B2B Data Exchange Operator Guide*.

For more information about running endpoints with a REST API and from a command line utility, see the *B2B Data Exchange Administrator Guide*.

Merge endpoint patterns

When you promote common endpoints with various patterns from a development environment to a production environment, B2B Data Exchange overwrites the endpoints in the target, including the patterns that are not ready. B2B Data Exchange operators can now select patterns while exporting the endpoint and also merge the patterns while importing the endpoints.

For more information, see the *B2B Data Exchange Operator Guide*.

Export audit records

B2B Data Exchange administrators can export the audit events to XML either from the B2B Data Exchange console or from a command line utility.

For more information about exporting audit events from the console, see the *B2B Data Exchange Operator Guide*.

For more information about exporting audit events from a command line utility, see the *B2B Data Exchange Administrator Guide*.

Workflow parameter values

B2B Data Exchange administrators can search for profiles based on workflow parameter values.

For more information, see the *B2B Data Exchange Operator Guide*.

TLS version 1.3

You can choose to configure B2B Data Exchange on Transfer Layer Security (TLS) version 1.3.

For more information, see the *B2B Data Exchange Installation and Configuration Guide*.

Data Exchange objects

You can import B2B Data Exchange objects from B2B Data Exchange version 10.5.0 to B2B Data Exchange versions 10.4.0 and 10.2.3.

For more information, see the *B2B Data Exchange Operator Guide*.

Dashboard

Effective in version 10.5.0, Dashboard (Deprecated) that is based on LogiXML and uses the operational data store is deprecated. Informatica supports Dashboard (Deprecated) in version 10.5.0 but intends to drop support in a future release.

B2B Data Exchange version 10.5.0 comes with a default dashboard that uses the B2B Data Exchange metadata repository. Informatica recommends that you use the default dashboard.

For more information, see the *B2B Data Exchange Operator Guide*.

The following table describes the behavioral differences between Dashboard and Dashboard (Deprecated):

Action	Dashboard	Dashboard (Deprecated)
License	License is not required.	Requires the logiXML license.
Installation	The dashboard is installed by default.	You must install the Dashboard and Report component during B2B Data Exchange installation.
Database User	Creation of a new database user is not required. Some reports in the dashboard collect data from the operational data store.	You must create a new database user.
Configuration	Configuration not required.	Additional configuration is required.
Customize reports	You cannot add custom reports to the dashboard.	You can add custom reports to the dashboard.
Time interval for data to refresh for the report	The reports display real-time data.	The data depends on the running ETL map.

New Features and Enhancements for Managed File Transfer

This section lists new features and enhancements for Managed File Transfer in the B2B Data Exchange 10.5.0 release.

Audit Event logs

The Managed File Transfer administrator can track and monitor the actions performed on Managed File Transfer resources.

For more information, see the *Managed File Transfer User Guide*.

ASCII transfer mode

You can transfer files to and from the SFTP server in ASCII mode.

For more information, see the *Managed File Transfer User Guide*.

IP filter for Web users

You can perform the following actions with a REST API to provide an additional layer of security for Web Users to access Managed File Transfer:

- Configure the blacklist and whitelist IP addresses.
- Enable or disable the IP filter.
- Enable or disable blacklist or whitelist.

For more information, see the *B2B Data Exchange REST API Guide*.

TLS version 1.3

You can choose to configure Managed File Transfer on Transfer Layer Security (TLS) version 1.3.

For more information, see the *Managed File Transfer Installation Guide*.

Managed File Transfer objects

You can import Managed File Transfer objects from Managed File Transfer version 10.5.0 to Managed File Transfer versions 10.4.0 and 10.2.3.

For more information, see the *B2B Data Exchange Operator Guide*.

Resource type search

You can search for all resource types from any field within a resource.

For more information, see the *Managed File Transfer User Guide*.

Changed behaviour

This section lists the changed behaviour for Managed File Transfer in the B2B Data Exchange 10.5.0 release.

Cipher and mac algorithms

When you upgrade B2B Data Exchange to version 10.5.0, B2B Data Exchange replaces some of the cipher and mac algorithms it uses. B2B Data Exchange supports some new cipher and mac algorithms in version 10.5.0.

For more information, see the *Managed File Transfer User Guide*.

Support Changes

Read this section to learn about support changes in B2B Data Exchange 10.5.0 release.

Dashboard

Effective in version 10.5.0, Dashboard (Deprecated) that is based on LogiXML and uses the operational data store is deprecated. Informatica supports Dashboard (Deprecated) in version 10.5.0 but intends to drop support in a future release.

B2B Data Exchange version 10.5.0 comes with a default dashboard that uses the B2B Data Exchange metadata repository. Informatica recommends that you use the default dashboard.

For more information, see the *B2B Data Exchange Operator Guide*.

Server Message Block v1

Effective in version 10.5.0, Server Message Block (SMB) v1 is deprecated. Informatica supports SMB v1 in version 10.5.0 but intends to drop support in a future release.

If you are using B2B Data Exchange and Managed File Transfer on SMB v1, Informatica recommends that you use SMB v2.

For more information, see the *B2B Data Exchange Operator Guide*.

CHAPTER 3

Version 10.4.0

This chapter includes the following topics:

- [New Features and Enhancements for B2B Data Exchange, 14](#)
- [New Features and Enhancements for Managed File Transfer, 15](#)

New Features and Enhancements for B2B Data Exchange

This section lists new features and enhancements in the B2B Data Exchange 10.4.0 release.

[Additional Privileges for Resend and Reprocess Events](#)

The Operator role is granted additional privileges to perform the resend and reprocess action of events.

For more information, see the *B2B Data Exchange Administrator Guide*.

[SMTP Server Supports O365 Server Type](#)

The SMTP servers support the Office 365 (O365) mailbox server type to send email messages.

For more information, see the *B2B Data Exchange Administrator Guide*.

[Perform Event Utility Actions with REST API and Command Line Utility](#)

You can perform the following event utility actions using REST APIs and the Command Line Utility:

- Reprocess
- Resend
- Discard
- Change status

For more information, see the *B2B Data Exchange Administrator Guide*.

[Adding Schedule to Hosted Receive Endpoints](#)

A schedule determines the pickup intervals for the endpoint regardless of the number of files. You can add one or more schedules to the hosted receive endpoints.

For more information, see the *B2B Data Exchange Operator Guide*.

[Pause and Resume Endpoints from Picking Files using REST APIs](#)

You can obtain the status of endpoints, pause, and resume endpoints using REST APIs.

For more information, see the *B2B Data Exchange Administrator Guide*.

Enable, Disable, and List Objects Through the Command Line Utility

You can perform the following tasks through Command Line Utility:

- List endpoints, profiles, and schedules.
- Enable or disable endpoints, profiles, and schedules.

For more information, see the *B2B Data Exchange Administrator Guide*.

Streamline Processing of Large Files

To process large files before B2B Data Exchange consume them, you can choose to pick up and process incoming files when the file size remains unchanged for a specific time interval.

For more information, see the *B2B Data Exchange Operator Guide*.

New Features and Enhancements for Managed File Transfer

This section lists new features and enhancements for Managed File Transfer in the B2B Data Exchange 10.4.0 release.

MFT Network Shares Supports SMB v2 and SMB v3

The Network Shares resource in Managed File Transfer can connect to SMB v2 and SMB v3 to access files and directories on a network.

For more information, see the *Managed File Transfer User Guide*.

MFT Mailboxes and SMTP Servers Support O365 Server Type

Mail Boxes and SMTP servers support Office 365 (O365) mailbox server type to retrieve and send email messages, respectively.

For more information, see the *Managed File Transfer User Guide*.

Start and Stop Individual Listeners in MLLP

In MLLP, you can start or stop individual listeners on the service.

For more information, see the *Managed File Transfer User Guide*.

Test a Resource without the Write Permission

If you have the **Use** and **Read** permissions, you can test a Resource without the **Write** permission from the Actions icon menu.

For more information, see the *Managed File Transfer User Guide*.

MFT Password Encryption with REST API and Command Line Utility

You can encrypt a phrase that can be used in a variable to pass to a Project using REST API and Command Line Utility.

For more information, see the *B2B Data Exchange REST API Guide* and the *Managed File Transfer User Guide*.

CHAPTER 4

Version 10.2.3

This chapter includes the following topics:

- [New Features and Enhancements for B2B Data Exchange, 16](#)
- [New Features and Enhancements for Managed File Transfer, 17](#)

New Features and Enhancements for B2B Data Exchange

This section lists new features and enhancements in the B2B Data Exchange 10.2.3 release.

Silent Installation of B2B Data Exchange

You can install B2B Data Exchange in a silent mode, with no manual interaction.

For more information, see the *B2B Data Exchange 10.2.3 Installation Guide*.

Custom Variables in Endpoints

You can use custom variables to configure endpoints that derive the destination directory from PowerCenter. You can create variables in the JMS target properties of a PowerCenter mapping and use them in the endpoint variables.

For more information, see "Custom Variables" in the *B2B Data Exchange 10.2.3 User Guide*.

Event Descriptions in the Event Log

You can customize the descriptions of events in the event log. The default descriptions of output messages include the prefix *Outputmessage*. You can customize output message descriptions in the associated PowerCenter mapping.

For more information, see "Events Overview" in the *B2B Data Exchange 10.2.3 User Guide*.

Receiving Files that Web Users Upload

B2B Data Exchange can receive files that web users upload before you create an MFT Hosted Receive Endpoint.

For more information, see "Adding an Informatica Managed File Transfer Hosted Receive Endpoint" in the *B2B Data Exchange 10.2.3 User Guide*.

Search for Endpoints with Web Users

You can search for endpoints with web users.

For more information, see "Basic Event Search Properties" in the *B2B Data Exchange 10.2.3 User Guide*.

New Features and Enhancements for Managed File Transfer

This section lists new features and enhancements for Managed File Transfer in the B2B Data Exchange 10.2.3 release.

Silent Installation of Managed File Transfer

You can install Managed File Transfer in silent mode, with no manual interaction.

For more information, see the *Managed File Transfer 10.2.3 Installation Guide*.

NTLM Authentication for HTTP and HTTPS Server Resources

You can connect to HTTP and HTTPS Server resources when using NTLM authentication.

For more information, see "HTTP Servers Resources" and "HTTPS Servers Resources" in the *Managed File Transfer 10.2.3 User Guide*.

Connection Pooling

To increase performance, you can choose to pool resource connections for FTP, FTPS, and SFTP resources.

For more information, see "Connection Pooling" in the *Managed File Transfer 10.2.3 User Guide*.

Download Files by Last Modified Date

You can download files based on the last modified date of the file. By default, Managed File Transfer downloads the files in ascending order. You can configure Managed File Transfer to download the files in descending order.

For more information, see "File Set Field Definitions" in the *Managed File Transfer 10.2.3 User Guide*.

File Stability Checks

Managed File Transfer can verify that a file is stable before it attempts to download the file. Managed File Transfer captures the files it found to be unstable in a File Set variable that you select.

For more information, see "File Set Field Definitions" in the *Managed File Transfer 10.2.3 User Guide*.

Verification of Signatures in the Trust Store

For encrypted files where a signature is required, you can choose whether Managed File Transfer verifies the signature or ignores it. Managed File Transfer verifies that the signature exists in the Trust Store before it decrypts the file.

For more information, see "PGP Decrypt Task" in the *Managed File Transfer 10.2.3 User Guide*.

Addition of Field-Value Pairs to AS2 Requests

You can add field-value pairs to AS2 request headers when sending messages to an AS2 server with an AS2 task.

For more information, see "AS2 Request Header" in the *Managed File Transfer 10.2.3 User Guide*.

Support for Multiple AS2 IDs in AS2 Instances

You can add multiple AS2 IDs to a single AS2 instance.

For more information, see "AS2" in the *Managed File Transfer 10.2.3 User Guide*.

Use of Proxy Server for Asynchronous AS2 MDNs

You can choose to send asynchronous message disposition notifications (MDNs) through a proxy server. By default, this option is disabled.

For more information, see "MDN (Receipts) Tab" in the *Managed File Transfer 10.2.3 User Guide*.

Search Enhancements

Search includes the following enhancements:

- You can search for SSL certificates in OpenPGP key manager and in SSL certificate manager. You can search based on alias, subject, or issuer. For more information, see "Work with OpenPGP Keys" and "SSL Certificate Manager" in the *Managed File Transfer 10.2.3 User Guide*.
- Term searches in audit log pages and in OpenPGP key manager are not case sensitive. For more information, see "Audit Logs" and "Work with OpenPGP Keys" in the *Managed File Transfer 10.2.3 User Guide*.

CHAPTER 5

Version 10.2.2 HF1

This chapter includes the following topics:

- [New Features and Enhancements for B2B Data Exchange, 19](#)
- [New Features and Enhancements for Managed File Transfer, 20](#)

New Features and Enhancements for B2B Data Exchange

This section lists new features and enhancements in B2B Data Exchange 10.2.2 HF1 release.

Search Schedules

The search field in the Schedules page of the B2B Data Exchange console enables the B2B Data Exchange administrator to search and filter names of schedules.

The **Reload Default Search Results** button, clears search results and displays the list of schedules.

The **Refresh Search Results** button, updates search results.

Enable or Disable Endpoints

B2B Data Exchange operators can change the status of specified endpoints or multiple endpoints by using the following operations in the Actions menu of the Partner Management page.

- **Enable Selected**
- **Disable Selected**
- **Enable All**
- **Disable All**

Change Log Type Without Restart

Admin users do not require to restart the B2B Data Exchange application if they change existing log type to the debug mode.

New Features and Enhancements for Managed File Transfer

This section lists new features and enhancements for Managed File Transfer in B2B Data Exchange 10.2.2 HF1 release.

Custom Notifications From Projects

Applications such as B2B Data Exchange that are integrated with Managed File Transfer, consume files as soon as they are downloaded or extracted.

Developers can design Managed File Transfer projects to perform actions such as copy, rename, merge, or any other custom task and when the file is ready to be consumed, developers can notify the consuming application such as Managed File Transfer by using the **Notify Consumer** task.

Support for Azure Active Directory Login Method

Managed File Transfer supports Azure Active Directory as a login method type for basic authentication and LDAP. Azure Active Directory is used to authenticate admin users and web users of Managed File Transfer.

Synchronize Managed File Transfer Users with the ISP Server

Admin users that are authenticated by using the Informatica domain authentication can synchronise with the ISP server by clicking the **Synchronize Now** icon. Synchronizing will add, update, or disable Admin users based on the configuration of the login method. Managed File Transfer console displays a list of status messages after the synchronize process is completed.

Selection of Key Exchange Algorithms for SFTP

Managed File Transfer supports the selection of key exchange algorithms for SFTP services. Managed File Transfer user can navigate to **Services > Service Manager > SFTP > Server** and select a key exchange algorithm from the available list of key exchange algorithms.

CHAPTER 6

Version 10.2.2

This chapter includes the following topic:

- [New Features and Enhancements, 21](#)

New Features and Enhancements

This section lists the new features and enhancements in B2B Data Exchange 10.2.2.

Running Cloud-based Mappings

You can create B2B Data Exchange profiles and workflows that run Informatica Intelligent Cloud Services mappings to process files over Informatica Cloud.

Accelerate partner on-boarding for inbound Cloud Data Integration with extensive connectivity to cloud and on-premises sources using Cloud Data Integration mappings optionally with CLAIRE™ Intelligent Structure Discovery.

Running Cloud-based Mass Ingestion Tasks

You can create MFT Remote Send endpoints in B2B Data Exchange that run a Data Integration mass ingestion task to transfer files over Informatica Cloud.

Transfer enterprise data assets in a flat file format from on-premises to cloud ecosystems such as Amazon S3 data stores and Amazon Redshift data warehouses in the cloud using FTP, SFTP, and FTPS standard protocols.