



Informatica® B2B Data Exchange  
10.4.0

# Release Guide

© Copyright Informatica LLC 2001, 2020

This software and documentation are provided only under a separate license agreement containing restrictions on use and disclosure. No part of this document may be reproduced or transmitted in any form, by any means (electronic, photocopying, recording or otherwise) without prior consent of Informatica LLC.

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation is subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License.

Informatica, the Informatica logo, Informatica Cloud, PowerCenter, PowerExchange, and Big Data Management are trademarks or registered trademarks of Informatica LLC in the United States and many jurisdictions throughout the world. A current list of Informatica trademarks is available on the web at <https://www.informatica.com/trademarks.html>. Other company and product names may be trade names or trademarks of their respective owners.

Portions of this software and/or documentation are subject to copyright held by third parties. Required third party notices are included with the product.

See patents at <https://www.informatica.com/legal/patents.html>.

DISCLAIMER: Informatica LLC provides this documentation "as is" without warranty of any kind, either express or implied, including, but not limited to, the implied warranties of noninfringement, merchantability, or use for a particular purpose. Informatica LLC does not warrant that this software or documentation is error free. The information provided in this software or documentation may include technical inaccuracies or typographical errors. The information in this software and documentation is subject to change at any time without notice.

#### NOTICES

This Informatica product (the "Software") includes certain drivers (the "DataDirect Drivers") from DataDirect Technologies, an operating company of Progress Software Corporation ("DataDirect") which are subject to the following terms and conditions:

1. THE DATADIRECT DRIVERS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.
2. IN NO EVENT WILL DATADIRECT OR ITS THIRD PARTY SUPPLIERS BE LIABLE TO THE END-USER CUSTOMER FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES ARISING OUT OF THE USE OF THE ODBC DRIVERS, WHETHER OR NOT INFORMED OF THE POSSIBILITIES OF DAMAGES IN ADVANCE. THESE LIMITATIONS APPLY TO ALL CAUSES OF ACTION, INCLUDING, WITHOUT LIMITATION, BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY, MISREPRESENTATION AND OTHER TORTS.

The information in this documentation is subject to change without notice. If you find any problems in this documentation, report them to us at [infa\\_documentation@informatica.com](mailto:infa_documentation@informatica.com).

Informatica products are warranted according to the terms and conditions of the agreements under which they are provided. INFORMATICA PROVIDES THE INFORMATION IN THIS DOCUMENT "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT.

Publication Date: 2020-12-18

# Table of Contents

- Preface ..... 4**
  - Informatica Resources. .... 4
    - Informatica Network. .... 4
    - Informatica Knowledge Base. .... 4
    - Informatica Documentation. .... 4
    - Informatica Product Availability Matrices. .... 5
    - Informatica Velocity. .... 5
    - Informatica Marketplace. .... 5
    - Informatica Global Customer Support. .... 5
- Chapter 1: Version 10.4.0..... 6**
  - New Features and Enhancements for B2B Data Exchange. .... 6
  - New Features and Enhancements for Managed File Transfer. .... 7
- Chapter 2: Version 10.2.3..... 8**
  - New Features and Enhancements for B2B Data Exchange. .... 8
  - New Features and Enhancements for Managed File Transfer. .... 9
- Chapter 3: Version 10.2.2 HF1..... 11**
  - New Features and Enhancements for B2B Data Exchange. .... 11
  - New Features and Enhancements for Managed File Transfer. .... 12
- Chapter 4: Version 10.2.2..... 13**
  - New Features and Enhancements. .... 13

# 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](mailto: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](mailto:infa_documentation@informatica.com).

## Informatica Product Availability Matrices

Product Availability Matrices (PAMs) indicate the versions of the operating systems, databases, and types of data sources and targets that a product release supports. You can browse the Informatica PAMs at <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

## 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](mailto:ips@informatica.com).

## Informatica Marketplace

The Informatica Marketplace is a forum where you can find solutions that extend and enhance your Informatica implementations. Leverage any of the hundreds of solutions from Informatica developers and partners on the Marketplace to improve your productivity and speed up time to implementation on your projects. You can find the Informatica Marketplace at <https://marketplace.informatica.com>.

## 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 10.4.0

This chapter includes the following topics:

- [New Features and Enhancements for B2B Data Exchange, 6](#)
- [New Features and Enhancements for Managed File Transfer, 7](#)

## 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 2

## Version 10.2.3

This chapter includes the following topics:

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

## 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 3

# Version 10.2.2 HF1

This chapter includes the following topics:

- [New Features and Enhancements for B2B Data Exchange, 11](#)
- [New Features and Enhancements for Managed File Transfer, 12](#)

## 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 4

## Version 10.2.2

This chapter includes the following topic:

- [New Features and Enhancements, 13](#)

### 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.