

Sterling B2B Integrator



Release Notes

Version 5.2.3

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Note

Before using this information and the product it supports, read the information in "Notices" on page 25.

Copyright

This edition applies to Version 5 Release 2 Modification 3 of Sterling B2B Integrator and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Pre-Installation Recommendation

IBM® recommends that you perform a complete backup of IBM Sterling B2B Integrator file system and database before applying any patch.

Note: It is not possible to uninstall a patch.

Chapter 2. Overview

The major enhancements, fixes, and known issues described in this document apply to Sterling B2B Integrator Version 5, Release 2, Modification 3 (Version 5.2.3). For a listing and more detailed information see Chapter 3, "What's New," on page 7, Chapter 4, "Fixes," on page 15, and Chapter 5, "Known Issues," on page 19.

Build Number Format

The build number format has changed. It is now a seven digit number, 5020300.

The components of the new format include:

- 5 - Sterling B2B Integrator Major version
- 02 - Sterling B2B Integrator Minor version
- 03 - Service Pack
- 00 - Fix Pack

System Upgrade

Customers using the existing SWIFTNet Server Adapter on the Oracle Solaris platform are required to patch their SUN OS to pick up the SUNWlibc 1.3.2 library and also the new 0.9.8 OpenSSL library (if they are using SSL) as part of receiving our adapter updates.

For Oracle SUN OS, the download is available from Oracle Support (<https://support.oracle.com>).

For OpenSSL, the download is available from OpenSSL (<http://www.openssl.org>).

Disk Space Requirements

The Sterling B2B Integrator, Version 5.2.3 requires approximately 3 MB for the Install wizard files, 860 MB for the Sterling B2B Integrator JAR file and 773 MB for the Sterling B2B Integrator patch JAR file.

Additional installation space requirements include:

- Minimum requirement for memory spaces (RAM) 4 GB
- Minimum requirement for disk space 15 GB

Article Identification

Currently a transition is underway to migrate customer issues from the current customer reporting system to a new system. Consequently, an InQuira ID will no longer be assigned to issues. This will be temporarily replaced by the Fix ID.

Build Document Fields and Definitions

These are the fields for each entry in the build information document and a description of the information each contains.

InQuira ID

Each entry within the patch information document is also entered into our customer-facing Knowledgebase. This ID represents the article number within the Knowledgebase. The Knowledgebase can be accessed via the Sterling Commerce® Customer Center Web site.

Functional Area

This represents the area of the product in which the issue was found and a fix was made. The patch information document is organized by grouping the fixes under their respective functional area.

Escalation ID/Case ID

This is an internal ID used by IBM Customer Support. IDs that are a numerical value represent items that were reported by customers or consultants. IDs with the value "QC" represent items that were found internally.

Fix ID This is an internal ID used by IBM Customer Support and Engineering to track the specific details of the fix at a code level.

Severity

There are currently two possible values for severity:

Critical

This represents fixes that are core to the product and have the potential to result in a critical or production down scenario if not applied. Example: An issue with our JDBC pools would be core to the product and apply to all Gentran® Integration Suite and Sterling B2B Integrator users. An issue with an adapter or service, such as Document Keyword Replace, would most likely not be flagged as critical. It could be critical to users that are utilizing this particular service or adapter, but not part of core.

Note: An exception could be made if an engineer feels the non-core functional area defect is severe enough or widely utilized enough to classify it as critical.

Normal

This represents fixes that are less severe and should not result in critical or production down scenarios for the core product. Some fixes, however, could be critical to individual users of that service or adapter, so it is important to look at all fixes and determine the specific impact on your environment based on your usage of the various services, adapters, and the various functional areas of the product.

Type There are currently three possible values for type:

Core Change

Although rare, it is possible that fixing a defect requires a core change to the functionality of that component. It is important to test any functional area that is being utilized if the fix is flagged as Core Change.

New Functionality

In most cases, new functionality will be listed in the *Product Enhancements* section of the patch info document. Although rare, it is possible that fixing a defect could mean adding additional functionality to that component.

Normal Fix

Most entries will be flagged as Normal Fix. This represents items reported from the field or found internally that do not result in a core change or the addition of new functionality.

Build This represents the build (patch) number in which the fix was first introduced. In some cases, a fix will be applied to multiple versions of the product. Patches are cumulative, so fixes exist in the introduction build and in any later build (higher build number) for that version of the product.

Chapter 3. What's New

Sterling B2B Integrator, Version 5.2.3 contains the following product enhancements:

- System Requirements
- Installation
- Translation
- Standards Library 8.0.3
- WebSphere® MQ Suite
- WebSphere Transformation Extender
- WebSphere MQ File Transfer Edition Integration
- Sterling File Gateway 2.2.3
- OFTP Adapter Deprecation
- Socket Adapters and Services
- SQL Manager

System Requirements

Sterling B2B Integrator, Version 5.2.3 contains the following system requirement enhancements:

IBM iSeries®

Support for IBM iSeries has been added to Sterling B2B Integrator, Version 5.2.3. The following platforms are supported:

- i5/OS™ V5R4
- IBM i V6R1
- IBM i V7R1 (Requires Sterling B2B Integrator 5.2.3)

IBM WebSphere Transformation Extender Integration

Support for WebSphere Transformation Extender Integration has been added to Sterling B2B Integrator, Version 5.2.3. However, the following limitations exist:

- WebSphere Transformation Extender Integration is supported with HP-UX only with Itanium.
- WebSphere Transformation Extender Integration is not supported with HP-UX (PA-RISC).
- WebSphere Transformation Extender Integration is not supported on iSeries.

Note: For more information on these enhancements see *Sterling B2B Integrator System Requirements* documentation.

Installation

Sterling B2B Integrator, Version 5.2.3 implements the use of IBM Installation Manager Software Delivery Platform.

Installation Manager Software Delivery Platform is an installation management tool that installs and maintains Installation Manager based software packages.

Installation Manager enables you to modify feature sets and search for updates of installed software. Installation Manager ensures that only compatible fixes are applied to a software installation.

Additionally, the use of Installation Manager provides a localized installation interface for the following languages:

- French (France, fr)
- German (Germany, de)
- Italian (Italy, it)
- Japanese (Japan, ja)
- Korean (Korea, ko)
- Portuguese (Brazil, pt_BR)
- Spanish (Spain, es)
- Simplified Chinese (China, zh)
- Traditional Chinese (Taiwan, zh_TW)

Note: Not all Installation Manager capabilities are available with Sterling B2B Integrator installation.

Translation

Sterling B2B Integrator, Version 5.2.3 is available in the following languages (countries, codes) :

- French (France, fr)
- German (Germany, de)
- Italian (Italy, it)
- Japanese (Japan, ja)
- Korean (Korea, ko)
- Portuguese (Brazil, pt_BR)
- Spanish (Spain, es)
- Simplified Chinese (China, zh)
- Traditional Chinese (Taiwan, zh_TW)

Note: You can edit your user preferences to view your browser, application displays, and e-mail notifications in the available languages.

Documentation Translation

IBM Sterling B2B Integrator Map Editor Help is available in the following languages (countries, codes):

- French (France, fr)
- Spanish (Spain, es)

Standards Library 8.0.3

Applying Sterling B2B Integrator, Version 5.2.3 automatically includes Sterling Standards Library, Version 8.0.3. Your specific standards implementation will depend upon the terms of your licensing agreement. Sterling Standards Library Version 8.0.3 does not remove or add any standards versions.

Sterling Standards Library Version 8.0.3 enables IBM WebSphere® Transformation Extender for Sterling B2B Integrator, which combines the business process management features of Sterling B2B Integrator with the universal transformation capability of IBM WebSphere Transformation Extender. Please see *IBM WebSphere Transformation Extender for Sterling B2B Integrator* for more information.

In addition, Sterling B2B Integrator Map Editor, Version 8.0.3 provides language translation support by enabling you to choose the language to use for both the Installation Wizard and Sterling B2B Integrator Map Editor. This 8.0.3 release also provides the option to change the display language for Sterling B2B Integrator Map Editor user interface after installation. And, the same translation language support has been added for the standards that you can download from Sterling B2B Integrator, so you can also download the standard or standards that you will use with Sterling B2B Integrator Map Editor in the appropriate language. The following languages are supported for Sterling B2B Integrator Map Editor and for standards downloads from Sterling B2B Integrator:

- French (France, fr)
- German (Germany, de)
- Italian (Italy, it)
- Japanese (Japan, ja)
- Korean (Korea, ko)
- Portuguese (Brazil, pt_BR)
- Spanish (Spain, es)
- Simplified Chinese (China, zh)
- Traditional Chinese (Taiwan, zh_TW)

See <http://help.sterlingcommerce.com/SB2BI52/index.jsp> for details on Sterling Standards Library 8.0.3, including Known Issues.

WebSphere MQ Suite

As of Sterling B2B Integrator, Version 5.2.3 and higher the following files are included in the installation: `com.ibm.mq.commonservices.jar`, `com.ibm.mq.jar`, `com.ibm.mqjms.jar`, `com.ibm.mq.headers.jar`, `com.ibm.mq.jmqi.jar`, and `com.ibm.mq.pcf.jar`. You will still need to download and install the `connector.jar` for WebSphere MQ Suite services and adapters.

Note: If you already downloaded all of these files then this new feature does not have an impact on your installation.

WebSphere Transformation Extender Integration

Applying Sterling B2B Integrator, Version 5.2.3 automatically includes Sterling Standards Library, Version 8.0.3. Sterling Standards Library Version 8.0.3 enables the IBM WebSphere Transformation Extender for Sterling B2B Integrator, which combines the business process management features of Sterling B2B Integrator with the universal transformation capability of WebSphere Transformation Extender. The following services provide integration capabilities:

- X12 Enveloping Service
- X12 Deenveloping Service
- EDIFACT Enveloping Service

- EDIFACT Deenveloping Service
- Translation Service
- WTX Translation Service

Integration of the IBM strategic business-to-business (B2B) gateway with the IBM strategic universal transformation solution gives customers new options for solving B2B and application-to-application (A2A) integration problems. See <http://help.sterlingcommerce.com/SB2BI52/index.jsp> for details on Sterling Standards Library 8.0.3, including Known Issues.

WebSphere MQ File Transfer Edition Integration

Sterling B2B Integrator, Version 5.2.3 and IBM Sterling File Gateway, Version 2.2.3 can be configured to integrate with IBM WebSphere MQ File Transfer Edition networks.

Sterling B2B Integrator can be configured to transfer files in and out of WebSphere MQ File Transfer Edition Network. It does not require Sterling File Gateway for the integration. No additional software is required for the integration. Integration is done by configuring the services and adapters that exist in Sterling B2B Integrator.

Integrating Sterling B2B Integrator with WebSphere MQ File Transfer Edition involves:

- Configuring an FTP Server Adapter
- Configuring a WMQFTE Agent Adapter - new adapter for Version 5.2.3
- Configuring a WMQFTE CreateTransfer Service (with any name for Sterling B2B Integrator integration only, named SFGWMQFTECreateTransfer for Sterling File Gateway integration.) This is a new service type added in Version 5.2.3
- Defining Sterling B2B Integrator users (with virtual root, mailboxes, and permissions) for transfers
- Associating WebSphere MQ File Transfer Edition transfer IDs with Sterling B2B Integrator users

Note: Sterling File Gateway integration requires configuration of Sterling B2B Integrator services and adapters as well as community and partner definitions in Sterling File Gateway. No additional software is needed.

Integrating Sterling File Gateway with WebSphere MQ File Transfer Edition includes all of the configuration required for Sterling B2B Integrator plus:

- Defining community in Sterling File Gateway
- Defining a producer in Sterling File Gateway
- Creating a listening consumer in Sterling File Gateway. This consumer uses the Websphere MQFTE protocol and asks for information about the WMQFTE agent adapter that was created in Sterling B2B Integrator and the destination agent from WebSphere MQ File Transfer Edition network.
- Configuring a Websphere MQ Suite Async Receive Service (in Sterling B2B Integrator)
- Creating a new routing channel template in Sterling File Gateway

Note: Installing WebSphere MQ File Transfer Edition software on Sterling B2B Integrator is not required, but it provides tools that can make monitoring and

troubleshooting files easier: MQ Explorer and WebSphere MQ File Transfer Edition Plug-in. If you choose to use these tools you must install MQ Explorer first.

Sterling File Gateway 2.2.3

IBM Sterling File Gateway 2.2.3 release provides integration with WebSphere MQ File Transfer Edition, rebranding functions, and translation support for nine languages in both the user interface and the notifications.

The following rebranding functions are included:

- Property for the filegateway_ui.properties file
- Procedure for rebranding Sterling File Gateway and myFileGateway
- Procedure for setting URLs when using multiple rebranding

The following languages are supported:

- French (France, fr)
- German (Germany, de)
- Italian (Italy, it)
- Japanese (Japan, ja)
- Korean (Korea, ko)
- Portuguese (Brazil, pt_BR)
- Spanish (Spain, es)
- Simplified Chinese (China, zh)
- Traditional Chinese (Taiwan, zh_TW)

Sterling File Gateway 2.2.3 includes a procedure for migrating from one Sterling File Gateway version to another using export and import. A restriction for revising business process names for custom protocols is also included in Sterling File Gateway 2.2.3.

OFTP Adapter Deprecation

In Sterling B2B Integrator, Version 5.2.3 the OFTP adapter is replaced by the Odette FTP adapter. The OFTP adapter is no longer available for use. For more information about migrating from the OFTP adapter to the Odette FTP adapter, see Sterling B2B Integrator documentation for the *Odette FTP Adapter*.

Features of the Odette FTP adapter include:

- Support of OFTP Version 2.0. For additional information, see *Using the Odette FTP Implementation*.
- Improved support for clustered environments because the OFTP Partner Profile resides in Sterling B2B Integrator database.
- Ability to list, search, create, and edit OFTP Partner Profile elements in Sterling B2B Integrator user interface.
- Ability to list, export, or modify (insert or delete) one or many Odette FTP Partner Profile elements through the OFTPPartnerManager command line tool, which uses Partner Profile XML file as an import or export format.

Components of the Odette FTP system include:

- Odette FTP Partner Profile Database

- Odette FTP Message Queue
- Odette FTP Adapter
- Odette FTP Queue Handler Service
- Sterling B2B Integrator Scheduler/Odette FTP Scheduler Service

Socket Adapters and Services

Sterling B2B Integrator, Version 5.2.3 Socket adapter, provides two new adapters and four new services which provide a means to expose a Transmission Control Protocol (TCP) endpoint and to connect to a TCP endpoint from Sterling B2B Integrator. These capabilities allow you to specify services that perform read and write operations over a TCP Socket. You can use services in a business process to perform the read and write operations. For the server side, options are provided to either invoke a business process that contains the read and write services or invoke a custom Java™ implementation (that performs the read and write). On the client side, you must invoke a business process to perform these same operations.

The following is a list of adapters and services used in conjunction with Sterling B2B Integrator Socket adapter.

Note: These adapters work through a Perimeter Server instance. For more information see Sterling B2B Integrator, Release 5.2 *Perimeter Services* documentation.

Socket Server adapter

The Socket Server adapter provides a Transmission Control Protocol (TCP) endpoint. You can read and write data over this TCP endpoint. The Socket Server adapter can handle both standard connections as well as Secure Sockets Layer (SSL) connections, with authentication, and verification of the SSL protocol handled by Sterling B2B Integrator keystore. The type of connection (Clear or SSL) is set in the adapter configuration.

Socket Client adapter

The Socket Client adapter allows you to connect to a remote Transmission Control Protocol (TCP) endpoint using the Socket Connect service. You can perform read, write, and close operations over the socket using the Socket Read service, Socket Write service, and Socket Close service respectively.

Socket Read service

This service reads data from a TCP socket.

Socket Write service

This service writes data using a TCP socket.

Socket Close service

This service ends a TCP session with a TCP client or server.

Socket Connect service

This service starts a TCP session with an external trading partner for the purpose of exchanging business data.

Note: For more information see Sterling B2B Integrator, Release 5.2 *Services & Adapters* updates for Version 5.2.3.

SQL Manager User Interface

Sterling B2B Integrator, Version 5.2.3 contains the following customer requested product enhancement. The User Interface (UI) of the SQL Manager has been enhanced to provide the option of viewing all the results of a query in a pop-up window.

Fix ID: 244937

Title: Cannot see all results in SQL Manager

Description:

All results cannot be viewed in SQL Manager. The ability of the UI to display all the results depends upon what browser is used and the size of the results returned. The UI should display all results of a query regardless of browser or size of the results.

Error Message:

None

Resolution:

Now provide the option of viewing the results in a pop-up window to overcome/workaround dashboard limitations.

Apply Sterling B2B Integrator Release 5.2, Build 5020300 or later.

Functional Area: User Interface (UI)

Case ID: None

Severity: Normal

Type: NormalFix

Build: 5.2.3.0

Chapter 4. Fixes

Sterling B2B Integrator, Version 5.2.3 contains the following fixes:

- AS2
- Import/Export
- SWIFT
- User Interface (UI)

AS2

Fix ID: 254973

Title: User token override in a Business Process is not working

Description:

If the user is already set the SetUserToken service is not setting the user.

Error Message:

Resolution:

Modified so that when using the SetUserToken service it will always set the user token.

Apply Sterling B2B Integrator Release 5.2, Build 5020300 or later.

Functional Area: AS2

Case ID: None

Severity: Normal

Type: NormalFix

Build: 5.2.3.0

Import/Export

Case ID: 00244528

Title: Resource Tags are immutable

Description:

The import framework considers a resource tag to be immutable. The AFT and file gateway community management implementation treats a community as a collection of entities managed by a single resource tag. Once an import of a community is performed and the resource tag is created all subsequent imports of that same community and resource tag force you to either rename the resource tag or to delete the resource tag prior to doing the import.

Error Message:

None

Resolution:

The objects should be added to a given resource tag specified at the time of the import if they do not already exist in the tag. Objects not in the import should not be removed from the tag. With this change, the objects from multiple imports can be tagged with a single resource tag (additive) and subsequently exported as a unit using that resource tag. The systems should treat this as an opt-in behavior in addition to the ability to rename the tag being imported or cancelling the import altogether.

Apply Sterling B2B Integrator Release 5.2, Build 5020300 or later.

Functional Area: Import/Export

Fix ID: 253189

Severity: Normal

Type: NormalFix

Build: 5.2.3.0

SWIFT

Fix ID: 253819

Title: SWIFTNet Correlation Status Green Despite Error

Description: When an error occurs (such as not configuring the SWIFTNet Routing Rule for a FileAct scenario, after the transfer is complete the FileAct Event attempts to launch the routing rule, but since it cannot be found, it causes an error), the status for the SWIFTNet Correlation may still be green but the overall status is red.

Build: 5.2.3.0

Fix ID: 253477

Title: Password for Security Context

Description: If the SWIFTNet7 log is turned on, previously the password for Security Context was written in clear text. Now, in this version, any password is concealed or not output in the log.

Build: 5.2.3.0

Fix ID: 253560

Title: Namespaces added by SWIFTNet service

Description: The SWIFT request response does not currently require any namespace to be output in the XML. However, for further processing with Sterling B2B Integrator, if you are planning to extract information from any SWIFT request/response or payload, using XML without namespaces caused an issue when doing XPath or another manipulation. Now, when a SWIFTNet service forwards any request/response to backend processing, it will add namespaces accordingly.

Build: 5.2.3.0

Fix ID: 256894

Title: SWIFTNet Correlation Permission does not allow you to search SWIFT Correlations

Description: Previously, for a user to get permission to search using SWIFTNet Correlation Search, this user required three permissions: SWIFTNetCorrelation, UI BP Monitor, and UI SWIFTNet Routing Rule. In this version, this user will only require two permissions: SWIFTNETCorrelation and UI BP Monitor.

Build: 5.2.3.0

Fix ID: 244396

Title: If the SWIFTNet Server Adapter configuration were changed when the adapter is still enabled, errors may occur during the shutdown process

Description: The SWIFTNet Server Adapter details should not be edited when the SWIFTNet Server is still active. You must shutdown the adapter *first* before changing the configuration. Therefore, in this version, the **Edit** button is disabled when the SWIFTNet Server Adapter is still enabled to prevent the issue from occurring.

Build: 5.2.3.0

User Interface (UI)

Case ID: 00328044

Title: Database (DB) pool page on tuning wizard errors out with "Number format Exception"

Description:

From the UI, go to operations > system > performance > tuning and edit settings, then go to DB Pool page, UI errors out with `java.lang.NumberFormatException` when seen in UI logs. Same situation when clicked on View All settings link at the end of tuning.

Error Message:

```
[2011-07-19 11:46:11.611] ERROR 000000000000 GLOBAL_SCOPE Unable
to parse value String to Integer null
java.lang.NumberFormatException: For input string: "null"
at java.lang.Throwable.<init>(Throwable.java:196)
at java.lang.Exception.<init>(Exception.java:41)
at java.lang.RuntimeException.<init>(RuntimeException.java:43)
at java.lang.IllegalArgumentException.<init>(IllegalArgumentException.java:36)
at java.lang.NumberFormatException.forInputString(NumberFormatException.java:48)
```

```
at java.lang.Integer.parseInt(Integer.java:447)
at java.lang.Integer.parseInt(Integer.java:497)
at com.servename.ui.PerformanceUtil.parseInt(PerformanceUtil.java:3617)

[2011-07-19 11:46:11.63] ERROR [1311093971630] null
[2011-07-19 11:46:11.63] ERROR DTL [1311093971630] java.lang.NullPointerException
at java.lang.Throwable.<init>(Throwable.java:181)
at java.lang.Exception.<init>(Exception.java:29)
at java.lang.RuntimeException.<init>(RuntimeException.java:32)
at java.lang.NullPointerException.<init>(NullPointerException.java:36)
at com.servename.ui.jspbean.UIBeanBase.buildCustomTable(UIBeanBase.java:7597)
at com.servename.ui.jspbean.UIBeanBase.buildCustomTable(UIBeanBase.java:7508)
at com.servename.ui.PerformanceUtil.buildView(PerformanceUtil.java:1831)
at org.apache.jsp.performanceview_jsp._jspService(org.apache.jsp.performanceview_jsp:330)
at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:93)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:801)
at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:318)
```

Resolution:

Added the pool entries that were missing in the jdbc_customer.properties for the database pool that was causing the tuning wizard errors. Deleted all semicolons in the same file and deleted the same pool entries in the tuningprevioussettings.properties. Refreshed the JDBC Monitor page, and the tuning Wizard edit is now successful.

Apply Sterling B2B Integrator Release 5.2, Build 5020300 or later.

Apply Sterling B2B Integrator Release 5.2, Build 5020300 or later.

Functional Area: User Interface (UI)

Fix ID: 249897

Severity: Normal

Type: NormalFix

Build: 5.2.3.0

Chapter 5. Known Issues

Sterling B2B Integrator, Version 5.2.3 contains the following issues:

ActiveMQ

Issue Description	Resolution
There is an ActiveMQ startup failure error that occurs while encrypting the JDBC connection. This issue occurs because IBM JDK does not support SSLv2, this lack of support for SSLv2 becomes an issue when all of the following are used: Oracle Database (DB), TCPS communication between ActiveMQ and Oracle DB, and IBM JDK.	In order to avoid this issue do not use TCPS between ActiveMQ and Oracle DB.

Adapters

Issue Description	Resolution
A WebSphere Asynchronous Receive adapter with incorrectly configured connecting settings is unable to connect to WebSphere. When incorrectly configured the adapter is in a Stopping state and cannot reach a Stopped state.	To prevent this issue you can edit the adapter configuration when it is in the Stopping state.

AS3

Issue Description	Resolution
An AS3 contract created with the AS3 Bulk Message Generation option enabled and the Run Schedule time set to a zero value displays a zero value in the User Interface editor. However, when the Run Schedule time configuration of an existing contract is updated with a zero value, the User Interface editor incorrectly displays the last known nonzero value. This issue occurred only during an update of the AS3 contract and the zero value configured is saved correctly and passed to the scheduler.	To correct this issue you can reenter the zero values for hours or minutes while editing an existing AS3 contract.

EBICS

Issue Description	Resolution
The Electronic Banking Internet Communication Standard (EBICS) test client is packaged separately from Sterling B2B Integrator.	For testing purposes, you can obtain the EBICS test client package from support. Note: The EBICS test client package is not for production use.

Import/Export

Issue Description	Resolution
<p>Importing a service configuration that uses a container node and does not use a group results in an empty group name instead of a null group name in the database. The issue occurs when the container node in which the adapter runs is down. The result is an error when the service runs that does not clearly state the problem. You could see a couple of different errors in the business process monitor:</p> <ul style="list-style-type: none">• The status report might show that there is a null error or that the service name is null.• The service calling WebSphere Transformation Extender displays as blank in the process monitor. The services controller log shows that the service could not be loaded. (This error occurs when WebSphere Transformation Extender is integrated with Sterling B2B Integrator and is set up to run in a separate container.)	<p>If you see these errors in the business process monitor, check to be sure that all necessary container nodes are running. This problem does not occur when the container node is started. To prevent the error reporting part of the issue edit and save any service that is configured to run in a container created or modified in the system via import.</p>

Installation

Issue Description	Resolution
<p>Halting the GUI installation on Windows to generate the DDL for managing the database schema separately from the installer throws an error message.</p>	<p>You can ignore this error message. The DDL is generated and can be applied without error as noted by the documented installation procedures. A silent install on Windows exits with the appropriate exit code as designed.</p>

Performance

Issue Description	Resolution
<p>A failure can occur when using ebXML payload files that are greater than or equal to 1 GB.</p>	<p>To avoid this issue the following is recommended:</p> <ol style="list-style-type: none"><li data-bbox="865 310 1450 1066">1. In the <code>ebxml_ext.properties</code> file<pre data-bbox="906 342 1450 846">## PROPERTY_START ## PROPERTY_NAME: ## EBXML_PIPELINE_TIMEOUT ## PROPERTY_TYPE: String ## PROPERTY_DESCRIPTION: ## EBXML MIME/UNMIME TIMEOUT ## IN SECONDS ## EBXML_PIPELINE_TIMEOUT=300 ## PROPERTY_START ## PROPERTY_NAME: ## EBXML_DOCREADER_BUFFER_SIZE ## PROPERTY_TYPE: String ## PROPERTY_DESCRIPTION: ## EBXML MIME/UNMIME DOC READER ## BUFFER SIZE IN BYTES ## EBXML_DOCREADER_BUFFER_SIZE=1024</pre><li data-bbox="865 856 1450 1066">2. Increase the timeout values:<ul data-bbox="906 898 1450 1066" style="list-style-type: none"><li data-bbox="906 898 1450 982">• ebxml MIME/unMIME pipeline timeout: <code>EBXML_PIPELINE_TIMEOUT</code> in <code>ebxml_ext.properties</code><li data-bbox="906 993 1450 1066">• http client timeout in <code>ebXMLMessaging bpm1</code>: <code><assign to="endpoint/timeout" append="true">xxx</assign></code>

Sterling B2B Integrator Map Editor

Issue Description	Resolution
<p>The Map Test feature of the Sterling B2B Integrator Map Editor fails to return results when FIPS mode and the SSL option is enabled.</p>	<p>You can view the results of the Map Test business process through the Business Process Monitor > Current Processes. You can also use the Map Test feature without the SSL option (if you do not require the use of SSL).</p> <p>To work around this issue in UNIX the following is recommended:</p> <ol style="list-style-type: none"> 1. Open the temp.sh.asset_ext.in file in the <install>/bin directory 2. Append the -DDisableSSLEmptyRecords=true flag to the JAVA_FLAGS <ul style="list-style-type: none"> • EXAMPLE: <pre> JAVA_FLAGS="\${JAVA_FLAGS} -Dcom.maverick.ssh.components. ComponentManager. tryStandaloneCryptographyBeforeJCE =true -Dssh.maxWindowSpace=4194304 -Dcom.certicom.tls.record. maximumPaddingLength=0 -DDisableSSLEmptyRecords=true " </pre> 3. Run setupfiles.sh to incorporate the change and make it available <p>To work around this issue in Windows the following is recommended:</p> <ol style="list-style-type: none"> 1. Open the tmp.cmd.asset_ext.in file in the <install>/bin directory 2. Append the -DDisableSSLEmptyRecords=true flag to the JAVA_FLAGS. <ul style="list-style-type: none"> • EXAMPLE: <pre> set JAVA_FLAGS=%JAVA_FLAGS% -Dcom.maverick.ssh.components. ComponentManager. tryStandaloneCryptographyBeforeJCE =true -Dssh.maxWindowSpace=4194304 -Dcom.certicom.tls.record. maximumPaddingLength=0 -DDisableSSLEmptyRecords=true </pre> 3. Run setupfiles.cmd to incorporate the change and make it available

Sterling File Gateway

Issue Description	Resolution
Sterling File Gateway report with PDF format does not render with Internet Explorer 7 if the previous report page is not closed first.	<p>Sterling File Gateway on Internet Explorer 7 cannot open more than one PDF report at a time due to Internet Explorer 7 content blocking security. To view multiple PDF reports, you can turn off the Display PDF in Browser setting in Adobe Reader. With the Display PDF in Browser setting turned off an Adobe window is opened instead of Internet Explorer 7.</p> <ol style="list-style-type: none"> 1. Open Adobe Reader 2. Click the Edit menu, select Preferences 3. From the Categories list, select Internet 4. Clear the Display PDF in Browser check box <p>Note: These steps are based on Adobe Reader X.</p>
Clarification of fields in Sterling File Gateway and mySFG reports.	<p>In Sterling File Gateway reports, the Filter header contains a field called Report End Time which by default represents the time the report was run. If a time range was specified it represents the Date (To) and the Time (To). It does not represent anything else such as the time of the last route activity or the time the report was run. Additionally, please note that the sort order selection of File Name implies the Original File Name as seen in the report output column header.</p>

User Interface (UI)

Issue Description	Resolution
Simultaneous login on to 2 nodes of a vertical cluster is not allowed.	<p>You need to open a new session window from Internet Explorer instead of using the tabs.</p> <p>Enabling the Menu Bar in Internet Explorer 8:</p> <ol style="list-style-type: none"> 1. Open Internet Explorer 8 2. Click the Tools menu, select Toolbars 3. Select the Menu Bar check box <p>Opening a New Session in Internet Explorer 8:</p> <ol style="list-style-type: none"> 1. Open Internet Explorer 8 2. Click the File menu, select New Session <p>Note: With these steps, you can use 2 different browsers to connect to both nodes.</p>

WebSphere Transformation Extender 8.4

Issue Description	Resolution
Intermittent fault during startup in a multithreaded environment when maps use the EXIT function.	You can request the fix from support. (APAR PM53086: http://www-01.ibm.com/support/docview.wss?uid=swg1PM53086)

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