Gentran Integration Suite

Release Notes

Version 4.2

IBM

**Issues and Resolutions for
Gentran Integration Suite Version 4.2** 1

Issues and Resolutions for
Gentran Integration Suite Version 4.2

Issues and resolutions have been identified for this release of Gentran Integration Suite in the following areas:

Install and Upgrade

OS400 encfiles.sh Command Fails

Issue: When encoding passwords, after running enccfgs.sh, the encfiles.sh command fails on OS400 because the "awk" command does not exist.

Resolution: Run the setupfiles command. However, setupfiles is a superset of the functionality in encfiles.sh and will overwrite all files generated from ".in" files. Therefore, all edits made to generated files must also be made to the ".in" files so that when setupfiles is executed, customer edits are preserved.

Limit to Entry Methods for Database Driver and Version Number

Issue: During Gentran Integration Suite installations, the database test connection does not complete if you type or copy database driver and version number information into the fields on the Database Driver page.

Resolution: Use the **Browse** button to enter database driver and version number information into the fields on the Database Driver page.

ACH

Cannot Use Wildcards in ACH Outbound Envelopes

Issue: When an asterisk (wildcard) is specified for certain fields in an ACH outbound envelope, and an attempt is made to envelope data without setting the appropriate correlation, an asterisk character (*) is written to the output file, instead of an empty field.

Resolution: Set the appropriate correlation for the field in question to an empty string to get the proper output.

Invalid Syntax Tokens Allowed

Issue: The Map Editor allows you to set a syntax token that does not exist on the field validation tab. The map will compile without error even if the syntax token is never created.

Resolution: Do not enter a syntax token that does not exist.

Missing Field in Outbound NACHA ACH Batch Envelopes

Issue: Outbound NACHA ACH batch envelopes for TRX do not contain the Item Type Indicator field.

Resolution: This field was mislabeled as Discretionary Data. Type the Item Type Indicator value in the Discretionary Data field.

Mismatched Parameters for Inbound and Outbound ACH Envelopes

Issue: The parameters used in map and business process name generation by inbound and outbound ACH envelopes are not same.

Resolution: During envelope configuration, refer to the listed parameters on the screen when you are using map and business process name generation.

Invalid Characters Allowed in Maps

Issue: The field ForeignTraceNumber for CBR and PBR addenda records and the field IndividualCardAccNo for SHR entry detail records are defined as strings using the syntax token "N" in the definitions supplied with the Map Editor. This syntax token permits the characters '.', '+', and '-', which are not allowed by the ACH standard.

Resolution: When creating maps based on these definitions, create a new syntax token that allows only digits. Additionally, use that syntax token instead of "N" for these fields.

Incorrect Time Stamp for Outbound ACH Data

Issue: The date and time correlations for outbound ACH data always have the time set to 12:00:00 a.m.

Resolution: The correct time can be found in the interchange date and time correlation.

Reports for ACH Acknowledgment Status

Issue: ACH has acknowledgments at the transaction level; however, Gentran Integration Suite only supports generating reports at the group and interchange levels and does not provide reports displayed with the ACH acknowledgment status.

Resolution: The acknowledgment status of outbound ACH data can be viewed by directly querying the database using the SQL Manager in Gentran Integration Suite. To view a list of the status of all ACH data, execute the following query:

```
SELECT C1.OBJECT_ID, C1.VALUE FROM CORRELATION_SET C1, CORRELATION_SET C2
WHERE C1.NAME="TransactionAckStatus" AND C1.OBJECT_ID=C2.OBJECT_ID AND
C2.NAME="TrackingType" AND C2.VALUE="ACH"
```

To view a list of just those ACH transactions that are awaiting acknowledgment, execute the following query:

```
SELECT C1.OBJECT_ID, C1.VALUE FROM CORRELATION_SET C1, CORRELATION_SET C2
WHERE C1.NAME="TransactionAckStatus" AND C1.OBJECT_ID=C2.OBJECT_ID AND
```

```
C2.NAME="TrackingType" AND C2.VALUE="ACH" AND (C1.VALUE="Overdue" OR
C1.VALUE="Waiting")
```

Erroneous Error Message

Issue: The EDI log may contain the following message:

ERROR 000310040086 UTIL.CACHE.ERR_ListsCacheLoader_verifyKey
ListsCacheLoader.verifyKey(): Invalid key format. Key = ACHSECCODELISTER

Resolution: This message will appear when the ACH Envelope user interface is used. It can be safely ignored.

Failed Business Process Restarts

Issue: When attempting to restart halted envelope and deenvelope business processes for ACH, TRADACOMS, SWIFT, RND, and VDA, and the return generation business process for ACH, an error occurs when the resume option is selected. When this option is selected, the business process will resume at a business process exception service step, and error again even if the issue causing the halt has been corrected.

Resolution: When restarting these business processes, restart them from the first step.

Improperly Formatted Transaction Overdue Time

Issue: Transaction Overdue Time in the EDI Correlation Detail pages shows a system milliseconds instead of a formatted date string.

Resolution: Look at the timestamp when the enveloping process ran and add the configured overdue time to it.

Adapters and Services

FTP Server Adapter Cannot List Large Directories Using SSL

Issue: Doing a mailbox listing of several thousand messages using FTP/s could result in an internal buffer overflow.

Resolution: Use wildcards to reduce the number of entries returned in your search.

Null Pointer Exception in Workflow Log

Issue: If you receive a null pointer exception in the workflow log for the OracleBlobVarData class on line 231 while inserting or updating clobs using the Lightweight JDBC adapter, this indicates a database problem with extending tablespace TEMP.

Resolution: A database administrator must allocate more space to the database or remove data from it that is no longer needed.

OdetteFTP Adapter is Located in All Services Stencil in GPM

Issue: In the Graphical Process Modeler, the OdetteFTP adapter is not listed under the Communications stencil.

Resolution: Access the OdetteFTP adapter though the GPM All Services stencil.

Login Required Upon Refresh Services in the GPM

Issue: If you select Refresh Services while in GPM, a login dialog box appears prompting you to type your username and password. If you click the Cancel button on the dialog, the GPM will shut down without allowing you to save any changes that you have made to the business process that is open.

Resolution: Do not click Cancel on the login dialog if you Refresh Services while in GPM.

Service Lockout

Issue: If you attempt to import a service while it is locked, the import will succeed, but the resource is locked.

Resolution: Do not import services when they are locked. First unlock them, then import.

Status Information Omitted if SFTP GET or SFTP PUT Services Fail

Issue: The output message for an SFTP GET or SFTP PUT service may occasionally omit status information when the service fails. The affected return fields are: Status, ServiceEndTime, and ErrorMessage.

Resolution: Check the logs to verify transactions completed successfully.

UCCNet Adapter Retiring Next Year

Issue: All the functionality of the UCCNet adapter is being replaced with other services and adapters designed to perform the services with added functionality. The UCCNet adapter will be entering the retirement process in the next release of Gentran Integration Suite. It is still available in this release for use with applications, but has entered the retiring process. This multi-step process will phase out this adapter in future releases.

Resolution: If you use this adapter in your business processes, start planning to revise them to use a different adapter.

Command Line Adapter Retiring Next Year

Issue: All the functionality of the Command Line adapter is being replaced with other services and adapters designed to perform the services with added functionality. The Command Line adapter will be entering the retirement process in the next release of Gentran Integration Suite. It is still available in this release for use with applications, but has entered the retiring process. This multi-step process will phase out this adapter in future releases.

Resolution: If you use this adapter in your business processes, start planning to revise them to use a different adapter.

Advanced File Transfer

Incorrect User Listed in Admin Audit Report

Issue: Admin Audit Report displays the Principal as "System" if an adapter is enabled or disabled by selecting **Deployment** > **Services** > **Configuration** > **List**.

Resolution: Enable and disable adapters by selecting **Operations** > **System** > **Troubleshooter**. The Principal correctly displays as the logged in user.

Custom Protocols Not Exported

Issue: When you export AFT communities, custom protocols and other resources not created in the AFT menu are not exported with the communities.

Resolution: Export SSH Remote Profiles and resources created in the Admin menu separately.

AFT Trading Partners Listed Under Community Management

Issue: AFT partners are listed under the Community Management trading partner list, but using AFT partners from this list are not valid.

Resolution: Select AFT partners only from within AFT menus. Community Management and AFT communities cannot be used interchangeably.

HTTP Error on Japanese Add AFT Community Page

Issue: If you use the Enter key on the **Add AFT Community** page, when the preferred language is Japanese, an HTTP error occurs.

Resolution: Use the **Next** button to move to the next page. Do not use the Enter key.

Service Name Blank in Activity Monitor

Issue: When viewing HTTP client activity in the Activity Monitor, the Service Name may sometimes appear as "null".

Resolution: The Session Name in the adjacent column indicates the service name as it is included in the session's naming convention.

FTP Client Adapter Does Not Record Principal or the End WFID

Issue: The Communication Session Details page for the FTP Client adapter is missing the "End WF ID" and "End WF Step" fields.

Resolution: Select the "Start WF ID" which links to the Business Process Detail. The session end step and ID are provided in the detail listing.

Can Erroneously Delete Protocol Information for AFT Communities

Issue: The AFT Onboarding user interface allows editing an existing AFT community to have no protocol selected, but this will prevent file transfers from being enabled.

Resolution: Do not remove protocols when editing AFT communities.

Community Management and AFT Communities Cannot Be Used Interchangeably

Issue: Trading partners created in the community management menu display in an AFT Trading Partner listing and cause an exception.

Resolution: Select only trading partners created in the AFT Community and AFT Partner menus for AFT functions.

Cannot Reuse Previously Deleted AFT Community Name

Issue: If you create an AFT community using a name you previously deleted, you receive an error even if the new name differs in case from the deleted name (for example, if you delete the community name "community" and then try to add a new community with the name "COMMUNITY").

Resolution: Create a new AFT community using a unique name (for example, "Community2").

Cannot Reuse a Previously Deleted User Account

Issue: If you delete an AFT user account from the Admin user interface, the account is only disabled. Therefore, if you try to create a consuming partner for an AFT community using the name of the partner on the deleted user account (if the user account was deleted through the Admin user interface), you receive the message: **User Name just entered already exists. Please enter a unique name**.

Resolution: Delete the user account through your SQL Manager, or use a different name.

Duplicate Payload Document in AFT Visibility Data Flow Tree

Issue: If document tracking is turned on when performing an AS2 parse with the EDIINT Pipeline service, the AFT Visibility Data Flow tree includes a duplicate payload document (that does not contain headers) as a second data flow tree root.

Resolution: Ignore the second payload document without headers.

Incorrect Authentication Type For SFTP Server Visibility Event

Issue: After restarting the Gentran Integration Suite SFTP Server adapter, AFT Visibility authentication events may be reported as "Password" instead of "Public Key" even when public key is used for client authentication.

Resolution: Restart Gentran Integration Suite. Subsequent events will be reported with the correct method.

AdminAuditByObjectType Report Does Not Include Adapter Status

Issue: When you create an adapter in Gentran Integration Suite and generate the AdminAuditByObjectType report, the report does not include the adapter status (enabled).

Resolution: You must restart Gentran Integration Suite and then generate the report.

AdminAuditByObjectType Report Does Not Filter Routing Rules

Issue: When creating a Routing Rule, on the Rule Pattern page there is an option to Select All (mailboxes) or to Filter by Name and select only the desired mailboxes. When the Rule Pattern is set to Select All, the Create: Message Name Pattern entries are created. However, when the Rule Pattern is set to Filter by Name, the Create: Message Name Pattern entry is not created in the AdminAuditByObjectType report.

Resolution: Use Select All.

AFT Community Export Creates Multiple Copies of Keys

Issue: The report from exporting an AFT community may show that the user account and any associated SSH Authorized User Keys were exported multiple times into the export file. Even though these resources may be exported multiple times, duplicates will not be created when that file is imported into a new Gentran Integration Suite.

Resolution: The duplicate entries in the export file can be safely ignored.

Business Processes

Nested On-Fault Steps Not Executed

Issue: In some cases, nested on-fault steps in a business process are not executed.

Resolution: Create business processes without using nested on-fault steps. Create another business process for the on-fault step that would get called by the parent business process.

Community Management

Invalid Discovery URL or Access Code

Issue: If you host multiple Gentran Integration Suite instances on separate ports on the same computer, you may receive the following error message when joining a Community, "Invalid Discovery URL or Invalid Access Code."

Resolution: Contact Customer Support if you receive this error message.

Wrong Style Applied to Community Management Page

Issue: When 'Apply Default Skin' is selected, the Community Management page does not show the default skin. The old style that was there before the 'Apply default Skin' was selected displays.

Resolution: Refresh the Community Management page manually to show the default skin on the Preview of the Skin Editor.

Connect:Enterprise UNIX Interoperability

Broken Pipe Exception Received During a Batch Add

Issue: While completing a batch add from Gentran Integration Suite to Connect:Enterprise UNIX, a broken pipe exception may occur while partial bytes are written. If this occurs, the batch is marked as Incomplete in Connect:Enterprise UNIX, the Gentran Integration Suite business process reports an error on the Connect:Enterprise UNIX Server Add service, and the following log entry is written to the ceuinterop.log:

```
[2004-10-20 13:01:41.067] DEBUG CEUMailbox.addBatch() - number of bytes written to
CEU so far is [xxxxx]. [2004-10-20 13:01:43.021] ERROR [CEUServerAddService] -
setting WFC Status to ERROR with Advanced Status [Connect:Enterprise Unix
```

```
Interopability Error] com.sterlingcommerce.woodstock.ceuinterop.CEUInteropException:
Broken pipe at
com.sterlingcommerce.server.ceuinterop.impl.CEUMailbox.addBatch(CEUMailbox.java:426)
```

Resolution: Restart the batch add process.

Connect:Enterprise UNIX Server Adapter Stops Responding

Issue: During invocation of the Connect:Enterprise UNIX Server adapter, if a connection is dropped during a transaction, the adapter may stop responding and Gentran Integration Suite may attempt to manually stop or restart the adapter.

Resolution: Stop and restart Gentran Integration Suite.

Dashboard

Change Japanese Business Process Dashboard Search Text

Issue: Japanese text search flow varies from the English text search on dashboard business process search. When searching for a Japanese business process, a window displays the initial Business Process Manager screen, even when the Japanese business process exists. The same window displays when there are no search results in English and Japanese searches.

Resolution: When the window is displayed, enter the text to search for in the process name field under the Search section in the displayed Business Process Manager screen and click **Go!** The search will work and display the appropriate search results or an error message like "Not found, please try again."

Japanese Graph Legends Incorrectly Displayed

Issue: If the server system locale does not support UTF-8 or does not have the Japanese fonts installed, then the graphs are displayed as squares.

Resolution: Use a server system locale that supports UTF-8 and install the Japanese fonts.

Data Store

Toolkit Upload Does Not Update All "Ignore AVP Attributes" Fields

Issue: Uploading a Toolkit containing AVP extension data does not update all the "Ignore AVP Attributes" fields from the default value of TRUE to FALSE. This prevents extension data from being sent to 1Sync.

Resolution: Upload the Toolkit. Then manually change the value of any of the "Ignore Attributes" fields from TRUE to FALSE.

Database Issues

System Allows Fact Set Names Matching System Tables

Issue: Reporting Services Fact set names ultimately become the name of tables in the fact repository. The default fact repository is the Gentran Integration Suite database, so it is possible to create fact set names that cause problems in Gentran Integration Suite. For example:

✦ Naming a fact set the same as a Gentran Integration Suite table adds extra columns to the table and causes problems in Gentran Integration Suite.

✦ Naming a fact set the same as one of the columns in the database table causes data to start persisting in the table, causing problems in Gentran Integration Suite.

Resolution: Use a separate Reporting Services repository for fact set names outside of the Gentran Integration Suite database.

Database Pool Cannot Support Multiple Fact Models

Issue: A database pool cannot support multiple fact models.

Resolution: Associate each fact model with its own database pool, or create unique fact set names across fact models.

EDI

ResponseTimeout Needs to be Defined in the Business Process

Issue: If AS2 is used with either file system storage or mailbox storage with no MDN receipt requested, the AS2SendNoMDN or MailboxAS2SendNoMDN business process needs to be manually modified.

Resolution: In either business process, look for the line:

```
<assign to="ResponseTimeout"
from="ContractLookup/OutboundContract/RECEIPT_TIMEOUT/text()"/>
```

and change it to:

```
<assign to="ResponseTimeout">300</assign>
```

Save the business process and make the current version the default version of business process to execute.

EDIFACT Detail from Interchange to Transaction Not Working

Issue: The EDI Correlation Advanced Search fails to provide a link from interchange to transaction information.

Resolution: Instead of searching for interchanges and navigating to transactions, search at the transaction level.

EDI Regression Failure to New Directories

Issue: If two or more concurrent processes use the File System adapter to extract files to a directory that does not exist, the process fails when they both try to create the directory at the same time.

Resolution: Create the directories before extracting files to them. Restart the failed process.

Enabling Technologies

Latest Version of Workflow Definition Stopping

Issue: In some databases, when the default version of the workflow definition is not the latest version, disabling the default version of the workflow definition disables the latest version of the workflow definition. When the latest version of the workflow definition is enabled, the previous version cannot be resumed automatically.

Resolution: When a new version of a workflow definition is created, always set the default version of the workflow definition to the latest version.

Special Characters in Database Password Results in Encoding Errors

Issue: When a database password has special characters such as **!**, the sandbox.cfg shows the character with a \ character preceding it. This is propagated to the properties files correctly, without the \ present. However, when the enccfgs.sh script runs to encode the password, the \ is not read as a special character, but as a normal character, and thus the resulting encoded password does not work.

Resolution: Before starting the encoding process, manually remove the \ characters that are not part of the actual password from the database passwords that are to be encoded.

Help Online

About Help Page References Incorrect URL

Issue: The URL listed on the About Help page in the Gentran Integration Suite goes to the 4.1 documentation website instead of 4.2 documentation website.

Resolution: To display the 4.2 documentation home page:

✦ Type or paste the following URL into your browser:
http://www.sterlingcommerce.com/Documentation/GIS42/HomePage.htm

✦ Or, click the **?Help** button on the Gentran Integration Suite Admin Console screens, which will take you to the 4.2 documentation home page.

Mailbox Help Link Goes to Incorrect URL

Issue: On the MBI (Mailbox) pages, the Help link goes to the Gentran Integration Suite 4.1 documentation website, instead of the 4.2 documentation website.

Resolution: To display the 4.2 Mailbox documentation:

✦ Type or paste the following URL into your browser:
http://www.sterlingcommerce.com/Documentation/GIS42/MailboxPage.htm

✦ Or, you can click the **?Help** button on the Gentran Integration Suite Admin Console screens, which will take you to the 4.2 documentation home page, and navigate to the Mailbox page.

GPM Help Link Goes to Incorrect URL

Issue: Help link in GPM goes to 4.1 documentation website instead of the 4.2 documentation website.

Resolution: To display the 4.2 GPM documentation:

✦ Type or paste the following URL into your browser:
http://www.sterlingcommerce.com/Documentation/GIS42/GPM.htm.

✦ Or, you can click the **?Help** button on the Gentran Integration Suite Admin Console screens, which will take you to the 4.2 documentation home page, and navigate to the GPM page.

MESA Developer Studio Online Help Contains Link to Incorrect URL

Issue: The Help URL link in the online help topic "Gentran Integration Suite MESA Developer Studio Online Help" connects to the 4.1 documentation website instead of the 4.2 documentation website.

Resolution: To display the 4.2 MESA Developer Studio documentation:

✦ Type or paste the following URL into your browser:
http://www.sterlingcommerce.com/Documentation/GIS42/mesapage.htm.

✦ Or, you can click the **?Help** button on the Gentran Integration Suite Admin Console screens, which will take you to the 4.2 documentation home page, and navigate to the MESA Developer Studio page.

Import and Export

Fail to Import a Mailbox Routing Rule

Issue: If you export a mailbox routing rule from Gentran Integration Suite system A and import it back into Gentran Integration Suite system B, the Rule Importer checks to see if the rule exists in System B. If it does, it treats the import as if it is an edit to the rule. If the rule does not exist on system B, it treats it as if a new

rule is added, with a new RULE_ID instead of the one from the import file. The Mailbox Evaluate Routing Rule service fails because the service is referring to the original routing rule ID.

Resolution: Edit the business process to reference the new Routing Rule ID.

Importing Large Files May Time Out

Issue: When you import a file using the user interface, large export files may timeout and display the following message: "This page cannot be displayed."

Resolution: Use the command line import utility for any import files that receive this timeout.

Duplicate Codelist Sender Items Are Dropped During Import

Issue: If you have duplicate codelist sender items in an import file, they are dropped when the file is imported.

Resolution: If this occurs and you need to import a list of codes and your codelist lookups are done by receiver item, you can update the sender item values with the receiver item values in the import file. You then need to perform your codelist lookups by sender item.

Mailbox

Blank Mailbox Search Results

Issue: The Mailbox Browser Interface may return a blank search results page on occasion. This usually indicates a failed MBISearch business process. One reason for an MBISearch failure can be an InvalidMailboxException in the Mailbox Query Service. This can happen when the mailbox path listed in the query does not exist, but the permission for the mailbox does exist. This can occur when an import xml file that only contains a mailbox permission is imported.

Resolution: Delete the orphan mailbox permission.

Map Editor

No Map Editor in Start Menu on Windows 2K3

Issue: For the Windows 2K3 operating system, a Start Menu item for Map Editor is not created.

Resolution: Start the Map Editor from **Program Files** > **Sterling Commerce** > **Map Editor** and double-click Mapper.EXE.

.MXL Format May Cause Map Editor to Become Unresponsive

Issue: When saving a very large map in the .MXL format (a map that is over 20MB when saved in the .MAP format), the Map Editor may become unresponsive and you may have to force it to shut down.

Resolution: Save large maps in the .MAP format using the Map Editor Save As function.

Incorrect Translation Object Error Message

Issue: When you specify an invalid translation object, the error message reads:

"Please supply the correct path and file name."

Resolution: Error message should read:

"Mandatory field empty: Translation object N:\...\Original Map
Files\VarDelim_to_Positional_Lightweight\VarDelim_to_Positional_Lightweight.ltx is not a valid
Translation object."

Incorrect Version and Copyright in Japanese Map Editor

Issue: In the Japanese version of the Map Editor, "Version 4.0 SP3" is shown, but should be "4.2J". Also Copyright is shown as 1996 - 2005.

Resolution: Ignore the erroneous information.

PGP Tools

PGP Corp Causes Error

Issue: The PGP archive with discard paths set to "off" in PGP Corp works correctly, but causes a duplicate entry error in Gentran Integration Suite for persisting the document.

Resolution: If this occurs, use PGP Tools instead.

Perimeter Services

Perimeter Server Definition Failure

Issue: A definition of a reverse-connect perimeter server fails on Oracle, as shown by the following error:

[2006-11-09 14:24:54.016] ERROR 000000000000 GLOBAL_SCOPE SAVE FAILED:

com.sterlingcommerce.perimeter.api.PsDbException: ORA-01400: cannot insert NULL into ("USER"."PS_SERVER"."PS_SVR_HOST")

at com.sterlingcommerce.perimeter.api.PsServerInfoDb.add(PsServerInfoDb.java:548)

at com.sterlingcommerce.woodstock.ui.PServerEditor.save(PServerEditor.java:301)

at com.sterlingcommerce.woodstock.ui.servlet.pserver.SavePServer.run(SavePServer.java:61)

Resolution: When using the Gentran Integration Suite user interface to define a perimeter server that is in a more secure network zone than Gentran Integration Suite, enter a non-empty Perimeter Server Host (PS_SVR_HOST), even though the value will not be used.

Reporting Services

Remote Reporting Services JVM Does Not Run Out of the Box

Issue: Configuring the Reporting Services JVM to run remotely requires extra steps to get the jar file references set up correctly. The jar files listed are incomplete and/or not current.

Resolution: Run the remote listeners JVM in debug mode to see what jar files are not found and/or what jar files are needed. Operation of the remote listeners JVM is described in the remotelisteners.properties file.

Database Pool Cannot Support Multiple Fact Models

Issue: A database pool cannot support multiple fact models.

Resolution: Associate each fact model with its own database pool, or create unique fact set names across fact models.

Erroneous Report Fields

Issue: Generating a new report configuration does not overwrite the values from the previous report for the Level and Report By values.

Resolution: Ignore these values in the interface.

Generating Visibility Services Reports May Cause Exception

Issue: Gentran Integration Suite displays the following message, "system is unavailable, database possibly down" when trying to create a new report configuration from Visibility Services reports. This occurs because the system has exhausted all database connections, which ultimately causes the session to terminate.

Resolution: Create a pool dedicated to Visibility Services. The Visibility Services pool does not have to point to a separate database catalog, but using a separate pool can resolve this issue.

Reporting Services Mapped Extraction Event Not Picked Up by Listener on iSeries

Issue: The iSeries JDK does not include the endorsed xerces jar files which results in ClassNotFoundException errors for the SAXParser class.

Resolution: Add the following JVM argument to the startListeners.sh.in file, which is located in the install_dir/bin folder on your Gentran Integration Suite system:

```
-Djava.endorsed.dirs=&INSTALL_DIR;/jdk/jre/lib/endorsed
```

Reports Do Not Work After Patch Install

Issue: Applying a patch update over-writes the report.properties.in file, causing the reports to fail.

Resolution: Overwrite the report.properties.in file installed by the patch with the report.properties.in.[timestamp] file saved by the system during the patch install. This copy contains the necessary properties to enable reports produced by user-created fact models.

Custom Event Listener Properties Lost After Patch Install

Issue: When you apply a patch to Gentran Integration Suite, the startlisteners.properties.in file is overwritten, which can mean the loss of customized properties for starting event listeners.

Resolution: Edit the startlisteners.properties.in file to re-apply your custom properties and run the setupfiles script to generate the updated startlisteners.properties file.

SDK

SDK Errors When Launched from Admin Console

Issue: When launching Service SDK tool from Gentran Integration Suite 4.2 Admin Console UI Deployment menu, an error occurs indicating that it cannot be launched.

Resolution: To work around the problem:

1. Change directory to: <GIS_HOME>/noapp/deploy/ssdk/webapp/Sterling Commerce, Inc. 49

2. 2. Modify the ServiceSDK.jnlp file as follows:

   From:

   ```
   <application-desc
   main-class="com/sterlingcommerce/woodstock/services/servicesdk/Launcher">
   ```

   To:

   ```
   <application-desc
   main-class="com.sterlingcommerce.woodstock.services.servicesdk.Launcher">
   ```

3. You should now be able to start the SDK.

Security

Complex RDNs Not Correctly Passed as Parameters

Issue: Complex RDNs are not being correctly passed as parameters to CreateCertEx from CreateSystemCert.sh. An error (Error '255' doing CRYPTOKI) is generated from the following command:

   CreateSystemCert.sh CRYPTOKI ERACOM false true false RSA 1024 ediinthsmkey
   "CN=montediint, O=Sterling, OU=Dev, L=Dublin, St=Ohio, C=US" 632 365 mypassword 9999 9999

Resolution: Ensure that there are no spaces between the comma-separated elements of complex RDNs supplied as parameters. For example, the string:

   "CN=montediint,O=Sterling,OU=Dev,L=Dublin,St=Ohio,C=US"

is valid, but the string:

   "CN=montediint, O=Sterling, OU=Dev, L=Dublin, St=Ohio, C=US"

is not valid.

Proxy Permissions Do Not Operate Correctly

Issue: When accounts are created with proxy characteristics the accounts do not operate correctly.

Resolution: When creating accounts do not grant them any proxy permissions. Do not import accounts exported from an installation of Connect:Secure Proxy.

Invalid Password Causes Error

Issue: An invalid password error occurs when you enter a database password that is not an encrypted string produced by the encrypt_string.sh command.

Resolution: Enter the correct password.

SWIFT

SWIFTNet Business Processes Fail with Large Files

Issue: SWIFTNet Client Service with an Interact Sync or Async option selected for file transfers fail file size exceeds 99,999 bytes including header and footer.

Resolution: Use a SWIFTNet Client Service with FileAct PUT or GET options selected to transfer files with payloads larger than 80000 bytes. FileAct has been added to support large file SWIFTNet transfers.

Skipping Wizard Screens When Editing an Envelope

Issue: When editing an envelope, if you skip wizard screens by clicking Save or clicking on a later step, the final confirmation screen will display unexpected values. Also, if you skip screens in the envelope wizard and then use the Back button, incorrect screens may be displayed.

Resolution: If you save from the confirmation screen without using the Back button, the envelope is saved correctly. However, if you use the Back button, an unexpected screen may be displayed (that is, a screen that would not normally be displayed based on the envelope values), and the screen may hang or cause you to enter an improper value. When this occurs, cancel out of the envelope wizard, and start again.

Erroneous Message Displayed When Deactivating a Group

Issue: An erroneous message is displayed while deactivating a group that contains linked fields in the Map Editor. The message displayed is: "The object is part of one or more links. Deleting the object will remove the links. Do you want to continue?"

Resolution: The message should read "The object is part of one or more links. Deactivating the object will remove the links..." The group object is not deleted. Ignore the erroneous message.

User Interface

Unable to Download Map Editor and Standards Using Japanese Internet Explorer

Issue: When you attempt to download Map Editor and Standards using Japanese Internet Explorer, you receive an error message.

Resolution: Map to the drive on which Gentran Integration Suite is installed and find *.exe to install Map Editor and the standards under \SI\container\Applications. You can either copy the *.exe into your local drive or execute it from there.

SWIFTNet Correlation Not Found On Admin Console Menu

Issue: SWIFTNet Correlation does not appear on the Admin Console menu.

Resolution: From the Dashboard Administration menu, select **Business Process** > **Monitor** > **Advanced Search** > **SWIFTNet Correlation** to access the SWIFTNet Correlation Interface.

Archive Configuration Filtering Problem

Issue: In the archive configuration, filtering by business process name does not filter as expected.

Resolution: Filtering is case sensitive. If you filter with the case that matches the business process name, the filter works properly.

Incorrect Event Reporting Level Displayed

Issue: When viewing the parameters of a business process definition in a summary screen, the business process persistence level is labeled "Event Reporting Level", and the actual event reporting level is not shown.

Resolution: Edit the business process and work through the wizard to view the correct settings. Cancel from the wizard if no changes are necessary.

Checking in a New Version of an XML Schema Causes an Error

Issue: If you check in a new version of an XML schema and do not set the new schema to be the default, the new schema is saved but an error is reported through the Schema user interface.

Resolution: You will receive an error while checking in a new version of a schema. Even though an error is reported, Gentran Integration Suite saves the updated schema, so disregard the error.

Business Process Usage Page Is Slow and Errors Out

Issue: If you access the **Operations > System** > **Troubleshooter** page and then select **Business Process Usage**, the page may take a long time to load and may return an error (page not found). This occurs when there are many non-indexed and active business processes.

Resolution: Run the Index Business Process service prior to accessing Business Process Usage.

Mailbox List Unavailable in Delete Wizard

Issue: When you delete a Mailbox Routing Rule, the Confirm page of the Delete wizard does not include the mailbox list.

Resolution: To access the list of mailboxes associated with the Routing Rule, select **Deployment** > **Mailboxes** > **Routing Rules**. Search by **All**. Select **Edit** to see the list of mailboxes using the routing rule.

WebDAV Server

Activity Progress Monitor Not Working During WebDAV GET Activity

Issue: When a WebDAV GET activity occurs for a large file, the activity progress monitor may not work properly.

Resolution: Check the logs to verify the GET completed successfully.

WebDAV Server Commands on iSeries

Issue: WebDAV server commands don't work on iSeries. Commands like start/stop server, deploy third-party jars, and so on do not work on iSeries.

Resolution: MESA Studio is not supported on iSeries. Use a different platform.

Web Services

Dynamic Service Creation Fails When Checking In WSDL with a Non-English Name

Issue: Checking in WSDL using a non-English name will cause the dynamic service creation to fail.

Resolution: Do not check in a WSDL file with a name that contains double-byte characters (such as a Japanese character). The double-byte character will cause dynamic service creation to fail.

Dynamic Service Returns Timeout Error While Connecting to a Remote Web Service

Issue: The dynamic service is returning a timeout error. Generally, this issue occurs due to a timeout in the TCP/IP stack. In Gentran Integration Suite, the initial timeout connection to the remote server depends on the TCP/IP protocol stack. When this timeout is exhausted, the Perimeter server gets a timeout exception.

Resolution: If you encounter a time-out exception, verify whether the remote server is up. Change the timeout value configured in the TCP/IP protocol stack.

Importing WSDL Does Not Trigger Dynamic Service creation

Issue: Importing WSDL does not trigger dynamic service creation.

Resolution: Dynamic service creation is not supported by the Gentran Integration Suite Import and Export functions. Instead, use the WSDL check-in function, which does support dynamic service creation.

Checking in WSDL to Sterling Integrator Japanese Version Results in English Displays

Issue: Checking in WSDL to Sterling Integrator Japanese Version results in GPM palette entries, operation names, and other items displayed in English.

Resolution: These items appear in the WSDL in English, and cannot be dynamically translated from English to Japanese at runtime.

No Failover of Dynamic Service in a Clustered Environment

Issue: Failover of Dynamic service in a clustered environment does not work.

Resolution: The Dynamic service feature does not support the failover mechanism of the HTTP Client adapter in a clustered environment.

Using Process Data with Explicit Namespace Tag in Assign Statement Requires Property File Entry

Issue: Using process data with an explicit namespace tag.

Resolution: To use any part of the process data with an explicit namespace tag within an assign statement, you must specify the explicit namespace tag in the namespace.properties file.

Expense Report Demo Not Certified

Issue: The Web Services Expense Report Demo (Example 2) is available on the SOD, but it has not been certified in the 4.2 Release.

Resolution: The Web Services Expense Report Demo (Example 2) will be certified in the next Gentran Integration Suite Release.

Workflow Engine

Service Failure Causes Exception

Issue: A service fails and at the same time, an exception is written to the logs similar to the following exception:

java.io.FileNotFoundException:
server1/noapp_/noapp_Oracle10g/install/documents/2006/xxx_WF7.dat (No such file or directory (errno:2))

at java.io.FileOutputStream.open(Native Method)

at java.io.FileOutputStream.<init>(FileOutputStream.java:179)

at java.io.FileOutputStream.<init>(FileOutputStream.java:131)

at com.server.workflow.DocumentOutputStream.writeToFS(DocumentOutputStream.java:152)

Resolution: The service failed because another service was in the process of creating the document data directory structure at the same time. Resume or restart the business process containing the service that failed. The service should succeed the next time it is run.