

**Sterling Integrator<sup>®</sup>**

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**Release Notes**  
Version 5.1

**Sterling Commerce**  
An IBM Company

# Contents

Release Notes .....3  
Copyright.....12

# Release Notes

The following issues have been identified for this release:

Issue Description	Resolution
<b>Adapters</b>	
A new screen (Select BP and optional name/value pair) appears during configuration of CLA adapter. You can choose BPs on both the Select BP and optional name/value pair page and the Properties: Business Process page, which can be confusing. However the BP that is bootstrapped with the CLA is the one chosen on the Properties: Business Process page.	Ignore the Select BP and optional name/value pair screen while configuring the CLA lien adapter.
Under the Services > Configuration menu, summary views of the EDIINTPipelineService instances are missing the Contract ID parameter.	If you set the Action parameter in the instance to Build, you will not see the Contract ID parameter.
If you create a new service using MESA Studio and install it using MESA Studio or the SI command, the new service type is not displayed in the tree view of the service configuration page.	Select the new service type from the List view in the configuration page. The service type appears in the List View.
When editing the service configuration of an adapter deployed on a node in a multi-node environment, if you cancel the edit, you are returned to the service list page for Node 1, not the selected node.	From the service list page, select the desired node from the Select Node drop down list.
In some cases, a CDSA adapter deployed into a Windows container can experience an out of memory error during startup. Adapters are configured directly in the command file or shell script, and the default values may be too low for some configurations.	Increase the Max Heap size to at least 512m by the following steps: <ol style="list-style-type: none"> <li>1. In bin/InstallContainerWindowsService.cmd.in, locate -Xmx</li> <li>2. Modify the -Xmx256m to -Xmx512m</li> </ol> <pre>echo -XX:MaxPermSize=128m &gt;&gt; %PARAM_FILE% echo -XX:CompileThreshold=1000 &gt;&gt; %PARAM_FILE% echo -Xss256k &gt;&gt; %PARAM_FILE% echo -Xms64m &gt;&gt; %PARAM_FILE%</pre>

Issue Description	Resolution
	<pre>echo -Xmx256m &gt;&gt; %PARAM_FILE%</pre> <ol style="list-style-type: none"> <li>3. Save the file</li> <li>4. Run stopContainerWindowsService.cmd</li> <li>5. Run setupfiles.cmd.</li> <li>6. Run uninstallContainerWindowsService.cmd</li> <li>7. Run installAllIACNodes.cmd</li> <li>8. Run startContainerWindowsService.cmd</li> </ol>
<p>The "SFTP_SERVER_ADAPTER" name appears under the Adapter node list even though no SFTP adapter is configured on the container JVM.</p>	<p>Use the service configuration UI to view the correct listing of adapter and service configurations on each node.</p>
<p>In very slow network, file transfers using FTP Server Adapter might fail because they time out.</p>	<p>Increase the connectionTimeout in ftpserver.properties to be larger than the largest expected file transfer duration.</p>
<p>If you use the SFTP Client adapter to connect to the SFTP Server adapter configured with the payload repository as file system, you might see an "EOF Exception" displayed instead of a generic error message (for example, "Error occurred during connection") in the status report of the BP's SFTP Begin Session service step.</p>	<p>The file system virtual root for the user is not correctly configured. See the SFTP Server adapter documentation to set up the FS Virtual Root.</p>
<p><b>Archiving</b></p>	
<p>New archive options have been added to the Scheduler, such as Name/Value/Append.</p>	<p>You should not use these options on some of the default scheduled system BPs, such as Backup, Index, and Purge.</p>
<p><b>AS2</b></p>	
<p>SSL_OPTIONAL in the transport wizard is not supported.</p>	<p>Use the AS2 wizard rather than the transport wizard.</p>
<p>When you select the Exchange Certificate for an AS2 Profile, an error message appears ("Error on this web page might cause it to work incorrectly"). This temporarily prevents you from configuring the exchange certificate when creating a new AS2 profile within the AS2 wizard.</p>	<p>Close the certificate selection popup window and re-open it.</p>
<p>The AS2 Edition allows you to select mailbox options within the AS2 Edition UI, even though mailboxing options are not available.</p>	<p>None. Mailbox options are not available for the AS2 Edition.</p>
<p><b>Clustering</b></p>	
<p>When a node goes down in a Windows clustered environment and is restarted, sometimes a business process using a mandatory node fails.</p>	<p>Run the business process again. It will run successfully.</p>
<p><b>GPM</b></p>	
<p>BPs can fail when created in the GPM and added to Sterling Integrator using the Manager Process Definition Create feature. If you edit a process ID in a BP, multiple sequence name fields or assignments are autogenerated and validation fails. If you add new BPML to Sterling Integrator using the</p>	<p>Edit the BPML when checking it into Sterling Integrator. The BP file created in the GPM will not take effect until it is in Sterling Integrator.</p>

Issue Description	Resolution
BPML Editor with *.bp file, the BP name will be assigned in the editor. The BP file with problem will not be able to be checked into Sterling Integrator and compiling error will result.	
The Business Process name and the BPML process name contained therein must be the same. If the names do not match, the BPML is changed to force a match. The BP/BPML process name mismatch error message does not appear when the Validate button is clicked. It appears when you click Next.	The Business Process name and the BPML process name should be the same.
<b>Import/Export</b>	
Running the import_services.sh script on iSeries results in an error message, but the import completes successfully.	This error message can be safely ignored.
When exporting Communities, a pop-up window displaying the message, "Passphrase is invalid. Please try again," appears after clicking Next on the Security: Export Private Certificates? page.	This message is invalid and can be ignored. The next page in the wizard provides inputs for the passphrase and confirm passphrase fields.
An input XML file identifies resources in a way that calls the same versioned resource twice, which causes the output export file to contain two identical copies of the same resource. Re-importing that file brings in both copies.	Modify the input XML so that the affected resources are only identified once, or ignore the additional copy of the resource.
Importing a permission from a source system with a different Permission ID and same Permission Name as a permission on the target system creates a duplicate permission on the target system.	Use the import report to view the warnings for each duplicated permission name. Delete any duplicate permissions in the target system.
Exporting a business process using a resource tag exports only the default version of the business process. It does not export all versions of the business process.	<p>Use the following process instead:</p> <ol style="list-style-type: none"> <li>1. Under Deployment &gt; Resource Manager &gt; Import/Export, click Export Resource to export all versions of a business process.</li> <li>2. When the wizard prompts, "Do you wish to export resources based on a tag name?", select "No."</li> <li>3. When the wizard prompts, "Which type of export should be performed on versioned resources?", select "Advanced - specify default or all versions on specific resource pages."</li> <li>4. Continue through the export wizard prompts to export the business process.</li> </ol>
Importing a system certificate, Trusted Certificate, or CA Certificate with the same name as an existing certificate in the target system results in a duplicate certificate on the target system. The certificates are then unique by ID but not by name.	Use the import report to view the warnings for each duplicated certificate name. Delete any duplicate certificates in the target system.
<b>Installation</b>	
During Silent install ICONS field in the silent file is given as "true," but after the installation no icon is seen on the desktop.	Manually create an icon after installation.

Issue Description	Resolution
<p>During execution of the InstallService script, an error message might appear stating "'Integrator' is not a valid property." This is caused by a space character in the PRODUCT_LONGNAME value in the sandbox.cfg.</p>	<p>This property is not leveraged by the InstallService script. It is a harmless error message and can be safely ignored.</p>
<p>After installing on Windows, a Sterling IntegratorInstall.* subdirectory is left in the current working directory. The Java installer cannot delete the Sterling IntegratorInstall.*\platform_core_2000.jar because it is "in use" by the JVM. This is an issue on Windows operating systems only.</p>	<p>On Windows, manually delete the Sterling IntegratorInstall.* subdirectories after the installation has completed. These are temporary staging directories and are not needed after installation.</p>
<p>Known Issue: If you are installing on an HP Itanium processor, you may potentially encounter a JVM Core dump during installation.</p>	<p>None.</p>
<p>Using the Install Wizard on Windows, when you click to select a folder or file, the buttons at the top right of the dialog box are not visible.</p>	<p>Use other controls on the dialog to navigate the file system. OR Use JDK 1.6 Build 21 to start the GUI for a Windows install. During the install, you are prompted to select the JDK. You must select JDK 1.6 Build 14.</p>
<p>Only MSSQL2005 is available to select in the install SCWizard UI, even though both MSSQL2005 and MSSQL2008 are supported.</p>	<p>If you are using MSSQL2008, enter your database configuration information even though MSSQL2005 is displayed. Your information will be applied to MSSQL2008.</p>
<p>When running Install Service on an SI instance where no JVM container nodes have been configured, the following error message is displayed at the end of the install service execution: ".\patchContainerNodes.sh: -1: bad number."</p>	<p>InstallService works normally and successfully completes the service install. This error message can be safely ignored</p>
<p>During a Windows installation, the following error message is sometimes displayed in the Install output or is written to the InstallSI.log file: "The syntax of the command is incorrect."</p>	<p>This error message can be safely ignored. It does not indicate any problem or issue with the installation.</p>
<p>When you open SCInstallWizard.jar to start the install, using Java Standard edition, the ant.install.log throws this error: NoSuchMethodException.</p>	<p>This error message can be safely ignored. The GUI install will continue to execute and finish normally.</p>
<b>MESA Studio</b>	
<p>Known Issue: Unable to stop a Sterling Integrator instance running on Linux from Mesa Developer Studio.</p>	<p>None.</p>
<p>No error message is displayed when applying a blank or invalid XML file as a license in Mesa Developer Studio.</p>	<p>Normally licenses that the user will update have a valid format and the update succeeds. After a successful update, the licenses are refreshed and you can verify that the updated license is in the list. However, if the XML file containing the license is invalid, the file will not be imported, and will not appear in the list of the refreshed items. If this happens, check Sterling Integrator\dav.log for a ServiceAccessException.</p>

Issue Description	Resolution
When a service is created and deployed using Mesa Developer Studio, the service type is not present in the tree view under All Services. The service type is present in the List View, however.	When creating a service, use the List View to select a service type. The Service Type List View reads directly from the database and shows services deployed through Mesa Developer Studio. The Service Type Tree reads cached data, and therefore does not automatically pick up new services added through Mesa Developer Studio.
<b>Perimeter Services</b>	
Null pointer exception occurs when binding to external PS in less secure zone.	If you change a more secure perimeter server configuration, you may need to restart the engine that uses the perimeter server before the changes are enabled.
<b>Reporting Services</b>	
The measure 'avg' is not correctly computed. The expected value is not an aggregate average, but a rolling average.	Calculate the average using SQL with an aggregate sum and count as the data points.
When you check in a fact model with modified column size, the database is not updated as it should be. Expected behavior is when you check in a new version of a fact model, it causes changes to the structure of the Fact Repository, but this does not occur.	You should create a new fact model and migrate the data over.
<b>Reports</b>	
When using Reports > Generate Reports, it's not clear what format is required for the timespan field. If an incorrectly formatted timespan is submitted, an inconclusive error message is displayed.	When generating a report, timespan values must be entered in the HH:MM:SS format.
<b>Scheduling</b>	
The time format on the Schedule Settings page does not change when "Use 24 Hour Clock Display" is changed.	Once "Use 24 Hour Clock Display" is unchecked you must re-enter the time so that the UI reflects the correct time format (either 24 or 12 hr ).
The scheduling of a BP or a service accepts invalid time input when edited.	Do not enter the time value as 24 hours. The time must be in the 00:00 - 23:59 range.
After deleting a schedule and clicking on the "return" button, the Create schedule frame is missing.	Click on the schedules menu again so that the create schedule frame is reflected.
When you edit a schedule, the "Use 24 Hour Clock Display" check box is unchecked, even though it was checked when the schedule was created.	Re-check the "Use 24 Hour Clock Display" check box when editing a schedule.
<b>SCM Integration</b>	
There is no way to specify information on the SCM side related to the following fields in Sterling Integrator: Reference URL, DUNS and Federation Peers.	OOTB questions allow a customer to get up and running straight from install. But, they are flexible to allow for additional question blocks as the customer desires. This includes, but is not limited to the following fields in Sterling Integrator: Reference URL, DUNS, and Federation Peers.
PGP partner questionnaire allows document compression, Text Mode, ASCII Armor and PGP MIME Format to be	Functional limitation in SCM prevents double conditions. Questions will continue to be displayed regardless of the answer of document signed or document encrypted. Those

Issue Description	Resolution
selected even though Document to be Signed by the Partner and Document to be Encrypted by the Partner are set to no.	answers will be ignored if the dependent questions are both answered 'No'.
Questions which establish user accounts will not change on the SI end even if modified in SCM.	SCM does not allow the ability to lock down a question after it has been answered. In this case, the mailbox questionnaire creates a user account on the Sterling Integrator end. After it has been established, if the user wants to change the userid, it can do so by modifying the response in SCM. Is it not as simple on the Sterling Integrator end. Currently, the only way to change the user id is to delete the user and recreate it with the new name.
User will encounter warning message on any TP objects that are managed by SCM prior to seeing the Transport object.	Alternate views are available by clicking the Transport name.
Unable to add proxy details for FTP/FTPS sponsor questionnaire in Sterling Integrator.	Proxy information to FTP/FTPs can be added to the Question/Program block in SCM. FTP can be used without proxy information.
When editing a resource that is managed by SCM, changing the resource's name will cause the link between the resource and SCM to be broken. Specifically, the resource will no longer be displayed as managed by SCM by SI.	Before changing the name of a resource that is managed by SCM, make note of the resource's original name first. To re-establish the managed by SCM link for this resource, change the resource's name back to its original name.
After resource update in SI, the name of the certificate is changed to <organization name - serial number> format.	While performing a resource update from SCM to SI, if the program involves checking in of certificates; please note the organization name and serial number of the certificate. Alternatively, you can leverage the integration framework and create a custom converter and questionnaire to accommodate the certificate name issue.
The certificates are not getting updated properly in SI while executing the Advanced AS2 with SSL Sponsor Setup & Advanced AS2 with SSL Partner Setup programs using "AS IS" option, after modifying the Transport details by removing all the certificates associated to the Transport details in SI.	The user should make a note of certificate details in SI prior to the resource update using "AS IS" option for AS2 with SSL Sponsor Setup & Advanced AS2 with SSL Partner Setup programs. Once the resource update is done, user has to update the certificate details accordingly in SI if needed.
When a certificate's go live date and not after date are modified on SCM, the correct modified data is not updated in Sterling Integrator.	For certificate questionnaires regarding not after dates, SCM will not use the user's answer if that date is beyond the certificate's actual end date. Instead, it will use the certificate's actual end date. This is true for any certificate type, not just system certificates.
When a mailbox routing rule is created for a SCM managed trading community the rule must contain at least one mailbox assignment, else the rule is global and applies to all mailboxes in the system.	Always add a mailbox to a routing rule when the rule is created to prevent the rule from applying to all mailboxes in the system.
When a user exports "managed by SCM" resources from Sterling Integrator using the "managed by SCM" resource tag and then, imports those resources into another Sterling Integrator instance, the imported resources will show "managed by SCM" on the system where the import is performed.	The resource tag on the system where the import was performed can be deleted.



Issue Description	Resolution
When an AS2 relationship is created through SCM using the File System, the system.log will contain entries with the following: "java.lang.Exception: The parent of as2sponsor_as2partner_FS cannot be null. "	This error message can be safely ignored. The File System Adapter instance and scheduler is created correctly even if the log contains this error.
<b>Security</b>	
If you change "number of days valid" in the password policy, it is not reflected in the System News for a user.	Expiration notices are not sent for users with password policies if the Password Policy "Number of Days Valid" value is set to 0 Days. Additionally, the password does not expire when "Number of Days Valid" value is set to 0 Days. It becomes valid for an infinite period. Valid values for the "Number of Days Valid" are Integer values greater than 0.
<b>Services</b>	
If you edit the JMS 1.1 Acquire Connection and Session Service using the GPM, the selected certificate is not listed on the Property tab.	View the certificate for the JMS 1.1 Acquire Connection and Session Service using the Deployment > Services > Configuration page.
If a service is not set to "Allow Process Data Write" (DIRECT_PD_MODE), the ERROR_SERVICE info is only available in the Message From Service. It is not available inside the process data.	Set the service to DIRECT_PD_MODE using the "Allow Process Data Write" setting on the Message from Service tab, or use the Message From Service link to view the ERROR_SERVICE info.
<p>On startup or refresh of the JDBC Service (if you edit the JDBC pool definitions), you might see the following log errors:</p> <pre> [2010-09-28 01:04:15.004] ERROR 000000000000 GLOBAL_SCOPE [JDBCService] Could not create the initial objects for the 'suppress' pool: The driver manager could not obtain a database connection.  [2010-09-28 01:04:15.002] ERROR 000310100002 UTIL.FRAME_JDBC.ERR_ConnectionFactory _create [ConnectionFactory].create()  [2010-09-28 01:04:15.003] ERROR 000000000000 GLOBAL_SCOPE [1285650255002] null  [2010-09-28 01:04:15.004] ERRORDTL 000000000000 GLOBAL_SCOPE [1285650255002] java.lang.NullPointerException  [2010-09-28 01:04:15.007] ERROR 000310100376 UTIL.FRAME_JDBC.ERR_JDBCService_ initJDBCService2 [JDBCService].initJDBCService(): ERROR ERROR ERROR Could not create the pool suppress ERROR ERROR ERROR </pre>	These exceptions in the system or ops logs can be safely ignored.

Issue Description	Resolution
<pre>[2010-09-28 01:04:15.008] ERROR 000000000000 GLOBAL_SCOPE [1285650255008] The maximum size must be greater than zero. PoolName : suppress  [2010-09-28 01:04:15.008] ERRORDTL 000000000000 GLOBAL_SCOPE [1285650255008]com. sterlingcommerce.woodstock.util.  frame.pool.PoolCreationException: The maximum size must be greater than zero. PoolName : suppress</pre>	
<b>Upgrade</b>	
Not all links appear in the Site Map screen corresponding those visible in the menus.	Access to individual screens that do not appear in the site map should be accessed through the menus.
<b>User Interface</b>	
On UNIX, the status report is missing for the EDI Overdue Acknowledgement Check service.	The status report is also set as the primary document by the service. So, when viewing the business process details, the overdue acknowledgements are viewable in the Primary Document on that step in the business process.
Known issue: Some alert messages in the Schedule Exclusions pages are present only in English.	None.
The Environment Pool Usage portlet display does not match the Dashboard display.	The Database Usage pop-up window under Troubleshooting on the Dashboard is much more useful and informative, making the Environment Pool Usage portlet superfluous. Use the Database Usage display instead.
If you add the maxRefreshCount parameter to the ui.properties.in file, the thread monitor page cannot be set to auto-refresh.	Manually refresh the page by clicking the thread monitor link on the dashboard.
The site map may not list all of the links that should be available to you from the Dashboard menu (based on your product license).	Use the Dashboard menu to navigate the Sterling Integrator user interface. The Dashboard menu correctly displays the items you have permission to use.
Stopping a Windows SI instance from the Troubleshooter page may not shut down the instance properly (softstop).	Ensure that all processing on the instance is complete, then use stopWindowsServices.cmd to stop the Windows SI instance.
An older GIS/SI user interface (UI) that was accessible by adjusting the login URL to end in /ws is deprecated with this release. The URL ending in /dashboard replaced this interface starting with GIS version 4.0. The older interface remained supported for a period of time to allow users a transitional period, but has now been removed.	Use the URL ending in /dashboard to log into Sterling Integrator.
On Windows installed instances, you cannot view the DB/Cache usage from the Operator tab.	Use the Dashboard Troubleshooter page to view this information.
<b>Web Services</b>	

<b>Issue Description</b>	<b>Resolution</b>
When editing a Web Service configuration after deleting a certificate, the two pages that show the currently selected certificates still display the name of the certificate that was deleted.	When you edit the Web Service configuration that references a deleted certificate, click the list button next to the certificate name to select a new certificate.

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