

Gentran:Server for UNIX - Product Release Notes

Product: Gentran:Server Workstation and Gentran:Server for UNIX
Release: 6.1
Date: August 2004

INTRODUCTION

This file contains information for the Gentran:Server 6.1 GA release. The Release Notes contain the following information:

- ESD Portal download instructions
- Installation instructions
- Product enhancements
- Product updates
- Known Issues

ESD PORTAL DOWNLOAD INSTRUCTIONS

All Installation instructions are contained within the Online Documentation. The Gentran:Server for UNIX Documentation should be downloaded and installed before attempting to install any of the product software.

Gentran:Server for UNIX and Workstation Documentation download instructions:

- 1) Download file: gsunix_61_documentation_cd.zip
- 2) Extract (unzip) file to an empty directory
- 3) Change to the new directory
- 4) Run install.exe to install the documentation files
- 5) If necessary, run AdbeRdr60_enu_full.exe to install Adobe Reader 6.0. Note: Adobe Reader is needed to view the documentation files.

Gentran:Server for UNIX 6.1 Host download instructions for IBM AIX:

- 1) Download the installation file gsunix_61_aix.zip
- 2) Extract (unzip) file to an empty directory on your PC, for example c:\install
- 3) cd to the new directory.
- 4) Install the Host software:
cd to the appropriate product level directory and follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)
- 5) Install the Windows client:
cd to the client directory and follow the installation instructions

Gentran:Server for UNIX 6.1 Host download instructions for HP/UX:

- 1) Download the installation file gsunix_61_hp.zip
- 2) Extract (unzip) file to an empty directory on your PC, for example c:\install
- 3) cd to the new directory.
- 4) Install the Host software:
cd to the appropriate product level directory and follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)
- 5) Install the Windows client:
cd to the client directory and follow the installation instructions

Gentran:Server for UNIX 6.1 Host download instructions for Sun Solaris:

- 1) Download the installation file `gsunix_61_sun.zip`
- 2) Extract (unzip) file to an empty directory on your PC, for example `c:\install`
- 3) `cd` to the new directory.
- 4) Install the Host software:
 - `cd` to the appropriate product level directory and follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)
- 5) Install the Windows client:
 - `cd` to the client directory and follow the installation instructions

Gentran:Server for UNIX 6.1 Visual Mapper download instructions:

- 1) Download file: `gsunix_61_visual_mapper.zip`
- 2) Extract (unzip) file to an empty directory
- 3) Install the Visual Mapper software:
 - For UNIX Client/Server levels of the product, `cd` to the Host directory and follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)
 - For the Workstation level of the product `cd` to the 'ws' directory and follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)

Gentran:Server for UNIX 6.1 Server Workstation download instructions:

- 1) Download the installation file `gsunix_61_ws.zip`
- 2) Extract (unzip) file to an empty directory on your PC, for example `c:\install`
- 3) `cd` to the new directory.
- 4) Install the 6.1 software by typing 'setup'
 - Follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)

Gentran:Server for UNIX 6.1 SAP/3 Extension, download instructions:

- 1) Download file: `gsunix_61_sap_extension.zip`
- 2) Extract (unzip) file to an empty directory
- 3) Install the SAP/3 software:
 - Follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)

Gentran:Server for UNIX 6.1 Workstation ODBC Drivers download instructions:

- 1) Download file: `gsunix_61_odbc_extension.zip`
- 2) Extract (unzip) file to an empty directory
- 3) Install the ODBC Drivers:
 - Follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)

Gentran:Server for UNIX 6.1 OFTP download instructions:

- 4) Download file: gsunix_61_offtp_extension.zip
- 5) Extract (unzip) file to an empty directory
- 6) Install the OFTP software:
 - Follow the installation instructions contained in the Online Documentation that should be downloaded and installed previously (see above)

Gentran Standards, download instructions:

- 1) Download file: gsunix_61_standards_may_2004.zip
- 2) Extract (unzip) file to an empty directory
- 3) Install the standards by running setup.exe

INSTALLATION INSTRUCTIONS

Gentran:Server for UNIX 6.1 requires a full installation followed by a conversion process to move all data, including all Trading Partner files, maps, data manager configurations, and archive data from your existing Gentran installation to your new 6.1 installation.

All Installation instructions are contained within the Online Documentation CD. The Gentran:Server for UNIX Documentation should be installed before attempting to install any of the product software. (see above)

Gentran:Server for UNIX and Workstation Documentation installation instructions:

- 1) Insert the Documentation CD into the CD drive on your PC
- 2) The CD should autorun and display the CD introduction screen
- 3) Click the Install Documentation button to install the documentation files
- 4) If not already installed, click the Install Acrobat Reader button to install Adobe Reader 6.0.

Note: Adobe Reader is needed to view the documentation files.

If the CD does not display the CD introduction screen, install the documentation manually:

- 1) Go to the directory for the CD
- 2) Run install.exe to install the documentation files
- 3) If necessary, run AdbeRdr60_enu_full.exe to install Adobe Reader 6.0.

After the on-line documentation has been installed, print off the Getting Started Guide and Installation Checklist for your product level before beginning the product installation. They contain valuable information that will make your installation go smoothly.

Testing of a new release in a Test Environment is STRONGLY recommended by Sterling Commerce. It is your responsibility to modify, change, and/or fix your maps due to enhancements or changes in functionality. Customer Support is available to help make recommendations on how to do this, but is not responsible for the actual building/fixing of these maps. For additional assistance with mapping issues you may contact our Consulting Services group.

PRODUCT ENHANCEMENTS

For more information on the specific functionality of these enhancements, please see the Online Documentation CD.

- Ability to access DISAM Generic Synonym tables via the AI Mapper using a Standard Rule. This will allow customers to maintain and access Synonym lookups external to AI maps.
- Added the option to suppress leading zeros on Numeric R format values in AI mapper.
- Added command line mass compile option for AI maps.
- Added functionality to the AI mapper similar to the Visual Mapper that establishes a parameter that introduces zeros into a numeric field if no input data is found.
- AI Mapper added new icons for fields/elements to reflect the existence of and extended rule.
- Introduced the TPCODE system variable functionality that exists in the Visual Mapper to the AI Mapper. This allows the trading partner code to be passed to the translator and subsequently to the output data.
- Modified edifmat to append to the edifmat.log when using the -a parameter instead of creating a new log when there are multiple interchanges in a single file being processed.
- Modified startserver and stopserver scripts to allow listeners, namebrokers, datamanagers to start and stop without requiring manual intervention. This allows customers to add the scripts as part of the boot process to their machine.
- Improved formatting of the dtlLog.err
- Modified ftpd to not accept filenames larger than 47 characters.

PRODUCT UPDATES

lftran

Fixed issue when translating several inbound documents; outbound 997s were created without the ST segment. (SR 1275849)

Problem trying to interpret the ampersand when it used in a CDATA block has been fixed (SR 1263274)

Fixed issue regarding use of XML Reference character, &: for an XML to XML translation (SR 1257605)

Corrected inbound translation using -s5 parameter that caused the outbound control message to contain a \$ in the UNH version field. (SR 1255297)

Fixed issue with the a compliance error when there are less than 100 CTP segments in one LIN loop. It was erroring when it reaches 100 CTP segments even though they are in separate LIN loops. (SR 1254512)

Fixed core dump issue with when translator accesses XML TP cross reference and one of the fields is null. (SR 1248705)

Addressed issue when numeric fields that are coded as real, were outputting the decimal as

a lower case letter. (SR 1245477)

Addressed issue when mapping fields on Application side using synonym, and the improper value being put into output even the condition is false. (SR 1241573)

Modified to properly create the value in the TRADACOMS VATTLR and CRETLLR segments in the MHD segment (SR 1240763)

Fixed inbound edifact translation to properly generate the UCI segment in the control message per the trading partner record when set at set level. (SR 1234576)

Modified to properly generate RFF segments based on the qualifier (SR 1231102)

Fixed AI translator to properly process data when using an extended rule that checks if a field is null and assigning value of 1 to the element. (SR 1230850)

Corrected issue with TP locking related to the DISAM96 libraries and how the Sun Solaris Operating System handled it (SR 1230314)

AI translator fixed to not core dump if fields containing a min/max value of 0 for looping are encountered. (SR 1213070)

Fixed translator to not be case sensitive when reading the outbound acknowledgement information in the Trading Partner record. (SR 1212190)

Fixed outbound CONTRL (generated by an inbound DELFOR) to not contain a erroneous UNI record. (SR 1211762)

Fixed AI translator to properly handling errors coming from an active segment in the map which had no fields defined. (SR 1210701)

Fixed erroneous Mandatory Block Missing 300 error in dtlLog.err when translation reaches the UNT segment even though segment is in map and data. (SR 1206620)

Modified to properly handle failures with trailer validations (ctl nums/counts) with EDIFACT. (SR 1204363)

Modified to properly generate functional acknowledgement when wildcarding using the -s5 parameter field correctly. (SR 1203227)

Document reference number in edistat.o contained characters from previous set, using AI map.

If 1st number was longer than second, the end of the first remained as garbage after the second number. (SR 1200591)

Modified AI translator to handle the creation of an XML element with fewer attributes than those expected. (SR 1190636)

Fixed to properly create sapstat.log file for APP to XML translation. (SR

1184892)

Fixed so that SAP status is properly formatted when processing app to IDOC files. (SR 1184867)

Now, for EACH IDOC if Compliance check is turned on:

1) A status line telling that Compliance is OK : "... ,20, Compliance..."
2) A status line telling that Translation is OK : "... ,0, Translation OK...."

AI translator modified to correct issue when output produced from extended rules is no longer generated.

It was related to the memory storage of extended rules. (SR 1184312)

AI translator was modified where extended rules on the output side were not correctly reading data from

translator storage. This was causing it to only map one character from extended rule. (SR 1182073)

Fixed issue where Acknowledgement expected field in archive says "No" for standard to standard

translation even though the Inbound FA is set up to expect an acknowledgement. Modified to

associate acknowledgment flags in the outbound audit records with the correct values. (SR 1179567)

Fixed core dump with AI maps where min/max value for composite elements for EDI map formats

was 0/0 (SR 1175937)

Fixed several TRADACOMS and SAP issues: with AI maps, did not produce a sapstat.log - corrected; with visual maps

produced a corrupt sapstat.log - corrected. No control numbers for TRADACOM SAP - added control

numbers to sapstat.log. (SR 1171251)

Modified to properly generate CONTRL UCI segment. If inbound message is successfully translated and processed,

a code of "7" is populated into data element 0083. When the inbound message fails processing an error code

of "4" is to populated to data element 0083. (SR 1164058)

Changed TAXCON, Segment group 4, MOA+128 to be value excluding tax, rather than including tax. (SR 1169353)

Fixed AI translation to properly generate MTR segments for TRADACOMS. (SR 1158290)

Fixed AI translation to properly generate dtlLog.err when using the -d parameter. (SR 1156226)

Increased the max length the translator supports for numeric fields from 80 to 256. This will reduce the

potential of running over that buffer, which was causing corruption of other segments

such as the GS06. (SR 1141987)

Corrected problem When translating SAP and the last set of an input file contains a compliance error, an

extra EDI_DC record was being written out in addition to the valid EDI_DCs.

(SR 1137661)

AI translator modified so that Extended rule accessing and output field from the output side pulls from registry rather than main storage when field is prefixed with group name. This resulted in missing data in the output. (SR 1137475)

Fixed issue when an extended rule on an output side field performs division against the contents of a field on the input side, causing bad output with no error reported. (SR 1135178)

Fixes to properly generate the EG04 (Number of segments) value for outbound translation. (SR 1132338)

Modified translation of X-12 to treat UNT as a normal segment. Since the UNT is a header segment in EDIFACT the translator treated it improperly during X-12 translation. (SR 1132172)

Modified AI translator to properly generate the AK3 segment when using hex 15 as the segment terminator. (SR 1126338)

Modified to not generate duplicate MTR segments during TRADACOM translation. (SR 1123374)

Fixed XML to STD translation where the last character of each segment was not being produced. (SR 1103852)

XML to XML translation - Removed an error condition for #FIXED attributes. No error should be generated for "missing" #FIXED attributes. (SR 1099860)

Fixed core dump that was causing Using %TP_MARKER% in be in output data when using the -c compliance checking in Trading Partner causes. (SR 1089788)

Fixed AI translator Loop Count standard rule on the outbound side of the map. This was due to a condition in the standard rules for repeating elements not being taken into account in the processing. (SR 1089624)

Modified to properly generate TAXCON by only keying off of NAD segments and the associated SE, SU and BY values. Previously, any segment containing those values would get created in the TAXCON, in this case the ALI segment. (SR 1080635)

Fixed so that translation does not fail when an inbound EDIFACT message contains a UNA segment specifying the use of a comma instead of a period as a decimal separator. (SR 1077258)

Fixed issue that resulted in duplicate ISA control numbers for outbound interchanges for different TP's within same interchange-level organization and using Global controlled numbers. (SR 1072314)

Modified AI translator so that Standard Rule "Use Code" properly populated the destination elements. (SR 1069468)

Previously the code list rule/lookup would fail if an edi field defining the rule contained a string of the max size allowed AND it was the largest string defined for that particular segment.

When this scenario occurred values from two fields (the field with the rule and the field following it) would be combined causing the code list lookup to fail. (SR 1064653)

Modified AI translator so that compiling a map when using Extended Rules with overpunch data-type fields works properly. (SR 1042054)

Fixed so that Outbound INVOIC that requires a TAXCON document is properly producing MOA segments.

Previously was creating MOA that had 0.00 values for the amounts (MOA01, sub element 2). (SR 1024744)

Fixed issue when reading Numeric data into two variables. Then taking the two variables and concatenating into a third variable which is being read as input side of synonym table gives output containing a lowercase e. (SR 975719)

Modified so that Inbound file where the ST02/ SE02 cntrl number don't match produces a failure, not a warning.

FA is generated as Rejected and no output file is created. (SR 975773)

Fixed AI translator core dump when the exist() function is used in an Extended Rule and the function references an element that does not exist. (SR 1014303)

Fixed issue when Duplicate ISA control numbers are produced in outbound FAs when data for trading partners belonging to different groups within the same interchange organization. Modified to keep the lock on the interchange record when reading the group record. (SR 976266)

base

Fixed core dump issue with when accessing XML TP cross reference and one of the fields is null. (SR 1248705)

Problem with the "ALLOW_DUPLICATES" init flag which produced an 'error -11 failed to open life cycle event record' has been corrected (SR 1234953)

Modified so that Inbound type data manager allows a . (period) as sub-element separator. (SR 1194025)

Fixed so that TP Code is properly written out in data manager archives. (SR 1139153)

Fixed struct error when processing variable length data through application data manager and routing by Interchange or Group. (SR 1120334)

Changed to properly look up the delimiter in the application data manager when a variable length app is used, and no tpcode field is marked. (SR 1105579)

Fixed memory leak in the XML data manager that was causing out of memory errors. (SR1105307)

Fixed issue where Data manager status was stuck in ending state when you stop it through Server > DataMgr menu or run stopserver <data_manager_name>. The data manager is actually stopped but the status in server menu indicated ending. (SR 1101988)

Fixed problem with files being created in working dirs (i.e. edi_root and/or mailbox dirs) and never moved to \$EDI_MAILDET. (SR 1098379)

Modified to append the ServerScript.1 file to the .old file and remove the ServerScript.1 file. (SR 1069137)

Weren't terminating a good set properly if failed to find a Trading Partner for the following set. Rejected bad sets would include good sets in the files thrown to struct. (only a problem if routing by group or interchange). (SR 1062192)

Modified so File data manager logs "Posted script...." message when running a post process script. (SR 1057713)

Modified to fail entire group when a bad GS is encountered. (SR 1056669)

Fixed so issue where Post process scripts were being executed before files were routed.

This would only be exposed in a high volume scenario where scripts are being called for every set and NOT being scheduled through batch, as was the case with this customer. (SR 1053420)

Fixed issue where TP code did not show up in column marked "TP Code" when looking at data manager archives. (SR 1022167)

Fixed issue with the application data manager when an126 error occurs and subsequent sets in the input data were lost. (SR 993998)

Server

Modified the script maintenance of GENTRAN:Server to increase the maximum display from 500 to 2500 entries. (SR 1075976)

Tpadmin

Addressed issue with ISA11 and ISA12 getting out of sync when editing trading partners. (SR 1242800)

Fixed issue that was not allowing the user to wildcard the Document ID field in the Outbound EDI and the Inbound EDI screens. (SR 1207030)

Fixed standard to application tp record in the Outbound acknowledgement tab where previously, when you clicked on Edit in ISA under Header Information and make a change to ISA14, click OK, the change did not take. (SR 1172410)

Modified selective Unload to properly retain ISA information. Unload file was missing a 'pipe'. (SR 1169353)

Fixed issue when printing the Trading Partner Information for an inbound TP the layout where it did not provide the "Standard Version" or the "Document ID". However, this information is included in the layout of the outbound TP information. (SR 979615)

Modified to properly retain the ISA 11 and IAS 12 data when editing the ISA fields. (SR 1001622)

flowmanager (PCM)

Modified to properly retain purge status when editing within the delivery tab. (SR 1103419)

Modified to properly create SAP to XML flow. The following errors were addressed: (SR 1178500)

Errors in creating flow:

- flowmgr: command line options not found, -i/o mandatory
- flowmgr: Directory Name not found

Errors when opening flow to edit:

- flowmgr: Can not open script file ERRNO=2
- Warning: You have chosen to edit a flow from a previous version. Do

you want to

convert the flow to the current version? (answered "yes")

- lftran options change to "unknown" when editing delivery agent
- In Data Manager control screen, Source data manager shows

unrecognizable

character for data manager type

Fixed so the following message when creating a new XML to SAP flow and selecting Next on the delivery agent tab is not displayed. "Please select or input an Output File Path.". (SR 1057108)

ediarc

Corrected issue with ediarc using the -e option (ediarc -ie) failed inbound translation thru GUI because of incorrect syntax. (SR1269439)

Corrected issue with the creation of .arc files associated with functional acknowledgements.

The first .arc file container ALL the files that should have been in several separate .arc files. (SR 1183216)

Fixed problem where ediarc was creating an arc file to archive a current edistat record, but if this record

was a duplicate, ediarc then will delete the arc file created for that particular record. In

doing so, it was also deleting the name of a new arc file that will be later created for a

new record, ediarc then attempt to open that new file, but since it already deleted the name, the

ediarc process halts. (SR 1025761)

AI mapper

Modified so the "Promote to Parent" option for a single occurring group no longer mattered

on the output side of the map. This means the link warning is no longer received when the

parent record or group was single occurring. (SR 1202314)

Fixed to allow entering unique field names for XML particles, elements and attributes.

If the same base name is needed, using a ":" and a number between 2-999 will produce a unique name.

Mapper will truncate particle, element and attribute names to 26 characters. (SR 1121299)

Modified so the dropdown box for the "Format" option is populated properly. (SR 1121261)

Fixed issue with Delete extended rule where it failed to remove child groups or it

removes the wrong child groups. (SR 1098634)

Visual Mapper

When doing an AutoCreate SQL File, mapper now saves the .SQL file to the apps directory instead

of \$EDI_ROOT directory. (SR 1091729)

Fixed so that Generic Synonym Unload File and Load File functions work properly for the

Visual Mapper for Windows. (SR 1052967)

mhp_server

Issue corrected when checking in/out AI maps (SR 1269064)

atext

Fixed to not report return code error 126 when process was successful. (SR 1210418)

xlld

Modified xlld.pc, line 321 to not be commented out. Caused update to occur only to record w/matching set id. (SR 1171033)

Fixed issue where xlld non-fa update failed due to stripping off zeros from the group control # unconditionally. (SR 1158859)

lcld

Modified lcld.sh for Oracle to write to \$LOG_DIR if it's set, default to EDI_ROOT/temp if it's not. (SR 10172549)

Mass Change

Fixed to properly save changes when editing the Runtime Information, Translation Options. (SR 1147813)

Modified to so Archive page allows changes for Std-app. Tab was previously not accessible. (SR 1061889)

Fixed so that modifying std2app TP records to *NOT* generate outbound FA's works properly. (SR 1042450)

Mentdlg.dll

Modified to copy the .TPL file from the client to the host with the appropriate case sensitivity. (SR 1079207)

Correct so that if Client 1 checks out Generic Synonym and Client 2 receives message stating it is locked by another user that selecting view only mode does not generate error messages. (SR 1077650)

recover.scr

Changed logging pathway from scripts directory to temp dir for centralized logging. (SR 1039601)

appdlg.dll

Fixed issue When configuring Multiple TP lookup for App, sometime user can add one entry then unable to enter another. (SR 1032831)

stdverconv

Modified so that Visual Maps properly convert and do not display the following error. (SR 1028082)
Error: mapname.vmp failed to open. An invalid syntax was selected, or the file selected may be corrupt

KNOWN ISSUES

Stopservers.sh

Issue: SUN only - Depending on the configuration of your Sun Server, the stopserver.sh -a = the mhp/mhs servers are not killed.
Since the mhp/mhs servers aren't killed, ltb_server is not stopped.

Workaround: edit the stopserver.sh script and change the 'awk' command to 'nawk'

Selective Unload

Issue: Selective Unload of Interchange or Group unloads partial std2std records. The secondary standard to standard record does not include any of the fields after the trans_type field - so it is missing the recon_ids, unh_asso_code, filler, func_gp, and interchange values.

Workaround: Use full TP unload and edit the .unl file to included just the TP records to load.

Space in environment name

Issue: Some modules will not be able to handle space in environment name. For example the AI mapper will not open and data cannot be extracted from Archive.

Workaround: Do not use spaces in an environment name. Note that underscore and hyphen are acceptable and can be used in place of a space.

RecordNumber & FieldNumber values off by 1 in dtlLog.err

Issue: For application to standard translation for AI maps errors reported in the dtlLog.err file for the application is 1 less than what are reported in the file.

Workaround: Add 1 to the record (line) number and field number when viewing the information that is to be corrected.

startserver.sh

Issue: The variable file for startserver.sh contains 3 envs but only the last environment is started. Multi-environment support is not available.

Workaround: Start one environment at a time.

startserver.sh

Issue: startserver.sh -a attempts to start the SAP mysqld even when it is already running and then updates the startserver.pids file with an incorrect mysqld process id. When stopserver.sh -a is issued, the SAP mysqld process will remain running.

Workaround: Identify the SAP mysqld process id and manually kill this process by issuing kill <process id>.

AI Translation

Issue: SR#1296503 Compliance checking doesn't work for output side numbers.

Workaround: Set the min/max lengths of the input side field so it matches that of the output side field. Input side compliance checking works so this approach will cause a compliance error as expected, it will be on the input side

instead of the output side.

Visual Mapper Standards

Issue: Several Visual Mapper standards have min=2 and max=0 for GS03. This can cause compliance errors when using the following standards:

- 004030
- 004040UCS
- 004050
- 004060UCS
- 004060VICS
- 005010

Workaround: Manually edit the map and change GS03 to max=15

Workstation Visual Mapper Installation

Issue: The custom installation of Standards using the Select Standards option does not include the new standard versions in the selection list.

Workaround: These standards can be installed by selecting either of the other two available options (Latest or All).

Windows Scheduler

Issue: When editing existing scheduled tasks, a new entry is added with a | (pipe). All fields are wildcarded.

This is a visual issue only and does not effect the running of the scheduled tasks.

Workaround: Manually delete the additional entries.