

Transfer Anywhere - Release 1.9.1

(November 1st, 2007)

ENHANCEMENTS

1. FTP: Generate more detailed and descriptive messages in the history detail for FTP transfers.
2. CONSOLE: Show the host and port of the Transfer Anywhere server on the top of the Console screen within the graphical Administrator.
3. Administrator: When creating a delimited text file, allow specifying a back quote ` character for the delimiter.

FIXES

1. INSTALL: When upgrading Transfer Anywhere, alert the user if they are attempting to upgrade over the same version which is currently installed.
2. INSTALL: If the installation or upgrade process fails, write the most recent error messages (that were encountered) immediately into the installation log file on the workstation.
3. INSTALL: When upgrading a current installation, delete any old journal receivers out of the installation library (after deleting the journal).
4. INSTALL: If a FTP connection cannot be made to the iSeries during the installation or upgrade process, then throw the error right away and stop the installation.
5. INSTALL: During installation or upgrade, reuse the initial database JDBC connection instead of creating a new database connection each time one is needed.
6. INSTALL: During installation or upgrade, provide a more descriptive error message when unable to get a database JDBC connection to the iSeries.
7. INSTALL: Create the printer file AMBPRINT within the installation library (for system logging).
8. INSTALL: For new installations, set the property of "Detailed File Logging" to "true". This indicates that Transfer Anywhere should log detailed information, such as the number of records retrieved from a database or the file names distributed through Transfer Anywhere. For existing installations, the current "Detailed File Logging" property setting will be preserved.
9. Corrected situations which would cause the Transfer Anywhere server subsystem to lockup, in which transfers would not run and the user could not connect through the Administrator.
10. Administrator: When viewing execution history for a transfer in the Administrator, change the heading for the first column from "Transfer" to "User".
11. Administrator: When creating a transfer that retrieves files from a FTP server and distributes those files to Email, save any entered custom FTP commands with the Transfer definition.

12. Administrator: Allow changing the port number on an existing Database Server connection.
13. Administrator: When selecting to view details for a transfer history record, put the “View details” pop up menu next to the cursor. This ensures that all lines are visible on the View Details screen.
14. Administrator: On rare occasions, when converting database records to fixed-width text files, the field sizes may get out of sync with the field layout. Changed sorting order to retrieve the field sizes in the correct order.
15. Administrator: Added the ability to see the history detail of an actively running transfer from the “Active Transfers” tab in the console. The user needs to right click on the transfer to view the detail.
16. Administrator: Fixed the transfer history and detail screens to auto resize correctly when the window is resized.
17. Administrator: When duplicating a transfer definition, allow adding a new FTP or email group in the transfer definition screen.
18. Administrator: When duplicating a transfer definition that performs email, corrected the screen to carry over the encryption and signing options.
19. Administrator: Allowed viewing the Transfer History Details from within the Transfer Wizard screen.
20. Administrator: On the Retrieve Tab in the Transfer Wizard (when retrieving files from Local or FTP), support a variable (i.e. \$DATE_TIME\$) for the “move to” directory.
21. Administrator: After a user logs out of the console, uncheck the “Include Meta Data in results” checkbox, disable the “Clear History” button and uncheck the “Refresh Active Transfers” checkbox.
22. Administrator: When creating a delimited text file, use a ~ when “Tilde” is selected for the delimiter. Previously it used the back quote ` character.
23. Administrator: When editing a transfer definition which retrieves data from a database server, allow the user to change a SQL CALL statement back to a SQL SELECT statement and vice versa.
24. Administrator: When editing a transfer definition which retrieves data from a database server; if the user adds or removes fields to/from the SQL SELECT or CALL statement, then properly save those field changes with the transfer definition.
25. Logging: When keyword values are overridden on the iSeries RUNTFR (Run Transfer) command, generate the transfer history records correctly so they can be viewed from the Administrator.
26. Open PGP: When changing the password on a RSA key or Diffie-Hellman/DSS key (also known as DSA key), also change the password on any of their sub-keys.
27. Open PGP: When creating a Diffie-Hellman/DSS key (also known as DSA key) with a key length of 512 bits, set the master key at 512 bits and the sub-key at 512 bits. When creating a Diffie-Hellman/DSS key with a key length of 2048 or 4096 bits, set the master key at 1024 bits and the

sub-key at the user-specified length. This insures that encryption performed with Diffie-Hellman/DSS keys is performed with the proper key length.

28. Open PGP: In order to provide interoperability with older versions of 3rd party PGP products, do not add the integrity packet into the Open PGP message.
29. Open PGP: When signing a file, analyze the preferred HASH algorithms in the trading partner's Public Key and only use a HASH algorithm that is supported for that key type.
30. Open PGP: Do not create temporary key files when using the OpenPGP iSeries ENCRYPT and DECRYPT commands since they are not needed.
31. Open PGP: Allow using a Private key to encrypt files, in addition to Public keys.
32. FTP: Some FTP servers do not recognize the FTP command of SIZE, so Transfer Anywhere was modified to not send the SIZE command since it is not needed.
33. FTP: Added a new property to allow a FTP transfer to continue even when some files cannot be retrieved. This new property is named "FTP Continue on failed transfer" and can be specified on the iSeries WRKPRP (Work with Properties) command. The default setting for this property is "false".
34. FTP: Changed FTP processes to handle special directories "." and ".." that represent current working directory and the parent directory, respectively. Some FTP servers return these two special virtual directories at the beginning of a directory listing. Client software programs should ignore these when downloading sub folders recursively, otherwise, they will end up in an infinite loop.
35. FTP: If an FTP connection cannot be made, then mark the transfer history record as "Failed", not "Successful".
36. FTP: Generate a failure message if OpenPGP encryption was specified in the FTP transfer definition and if the FTP Server does not have an OpenPGP key associated with it.
37. FTP: When using the PWD (Present Working Directory) FTP command on a Tandem server, support directory names which are not surrounded by double quotes.
38. FTP: Changed the FTP process to send a confirmation message back to the client after each file is transferred, instead of waiting until all the files are transferred.
39. On the iSeries WRKTFR (Work with Transfers) command, sort the transfers on the screen by their name.
40. RUNTFR: Remove the duplicated data sets after running a transfer with keyword overrides.
41. RUNTFR: When the NOFILFND parameter setting of *YES is specified on the iSeries RUNTFR command, produce a more descriptive job log message when no files are found to transfer.
42. RUNTFR: Allow specifying a transfer name up to 45 characters in length on the iSeries RUNTFR (Run Transfer) command. Previously the limit was 40 characters.

43. RUNTFR: Properly recognize the overriding of the source database server when the *SRCDB keyword is specified on the iSeries RUNTFR command.
44. RUNTFR: For transfers that convert database records into fixed-width text files, execute them correctly when overriding a keyword parameter on the RUNFR (Run Transfer) command.
45. RUNTFR: Recognize the value for the AMBCFG parameter up to 100 bytes within the command processing program. Previously it recognized up to 50 bytes.
46. CPYTFR: Allow specifying a password in mixed case on the CPYTFR (Copy Transfer) command.
47. CPYTFR: For transfers that convert database records into fixed-width text files, copy the transfers correctly when using the CPYTFR (Copy Transfer) command.
48. SNDEMLMSG: Only send one message when multiple email addresses are specified on the TO and/or CC parameters.
49. JVM: Changed the Transfer Anywhere subsystem launcher and iSeries commands to use the CLASS_PATH data area for determining the classpath for the JVM, instead of using the environment variable (which was limited to 1024 bytes).
50. JVM: Correctly use a / in front of the QIBM/ProdData/Java400/ext/db2_Classes.jar text that is added into the CLASS_PATH data area for setting up class paths.
51. If a transfer converts database records into a fixed-width text file and then packages it into a ZIP file, then do not create a subdirectory with the name of the ZIP file.
52. For Transfer Anywhere iSeries commands, set the current directory to the installation directory before executing the command. Set the current directory back to the original setting after execution.
53. If the *DATABASE host server is shut down while the Transfer Anywhere subsystem is running, then the transfer logging, the purge process and signon to the Console will not work. Changed this to show an error if the transfer was ran while the *DATABASE host server is down and to work correctly after this host server is restarted.
54. AES: Support *AES128 and *AES192 encryption on the EncField and DecField ILE procedures, in addition to *AES256.
55. BACKUP: Took the SAVLIB(*SYNCLIB) option off of the SAVLIBENC command since it does not work across multiple libraries.
56. BACKUP: Within the RSTLIBENC (Restore Library Encrypted) and RSTOBJENC (Restore Object Encrypted) commands, monitor for the CPF3707 message so the restore process will ignore empty Save files.
57. BACKUP: Within the RSTLIBENC (Restore Library Encrypted) command, monitor for CPF3773 message. If a CPF3773 was found, then that error is saved and reported (as an escape message) only after the other libraries are restored.