

IBM Sterling Gentran:Server for iSeries

Cumulative Fix Installation Guide

Release 3.6



This edition applies to the 3.6 Version of IBM® Sterling Gentran:Server® for iSeries® and to all subsequent releases and modifications until otherwise indicated in new editions.

Before using this information and the product it supports, read the information in Notices on page N-1.

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Cumulative Fix Installation

In this Guide

This guide is designed to provide you with all the information needed to apply cumulative fixes to IBM® Sterling Gentran:Server® for iSeries® Release 3.6. This guide contains the following topics:

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Prerequisites

Before Installing

The following list of prerequisites must be completed before applying cumulative fixes to IBM® Sterling Gentran:Server® for iSeries® Release 3.6.

- Sterling Gentran:Server provides support for the OS/400 versions that IBM supports. If you are using a version of OS/400 that IBM does not support, you must upgrade the operating system before installing Release 3.6.
- When installing cumulative fixes, we recommend that no users access any part of Sterling Gentran:Server (including the GENMAIN menu) during the install to ensure that no object locks occur.
- All programs in Sterling Gentran:Server have been compiled with the option USER PROFILE (*OWNER) and the owner of all objects is QPGMR. All data files have *PUBLIC authority *ALL granted. This eliminates any authority conflicts on the system. The best method to protect access to Sterling Gentran:Server is to use the security measures in the Environment Control subsystem in conjunction with iSeries security.

When Installing from CD-ROM

The following apply when installing a cumulative fix from CD-ROM:

- Sterling Gentran:Server cumulative fix CD-ROM has a Volume ID of G36CD.
- To see a list of product changes, restore the README file first and review it before installing the cumulative fix. This step is optional. Descriptions of fixes appear in descending order, grouped under a point release level with a production date. Your CD-ROM contains a point release level to use as a guideline in the README file. Type the following command and press **Enter** to restore the README file:

```
RSTOBJ OBJ(README) SAVLIB(G3X6FIXDTA) DEV(your-device-name)
OBJTYPE(*FILE) RSTLIB(your-chosen-library-name)
OPTFILE ('/G3X6FIXDTA')
```

You can work with the members in the README file to read about fixes specific to each product by using the **WRKMBRPDM** command.

When Installing from Support Center

The following apply when installing a cumulative fix from the Support Center Web site:

- You will need approximately 100 MB (total) free space on your PC hard drive for both the compressed (30 MB) and uncompressed (70 MB) images.
- You will need compressed file software application to pushup the files.
- You need to download the Cumulative Fix from the Support Center Web site to your PC or network drive. The file you download is named FIX36.zip.

- Uncompress FIX36.zip. You should have the following files:
 - G3X6FIXDTA
 - G3X6FIXPGM
 - G3X6SAMPFX
 - QGPLG3X6
- Create a save file on your iSeries for each item that you plan to install (where G3X6PGM represents your Sterling Gentran:Server program library):
 - `CRTSAVF FILE(G3X6PGM/G3X6FIXDTA) TEXT('savf for fix data')`
 - `CRTSAVF FILE(G3X6PGM/G3X6FIXPGM) TEXT('savf for fix program')`
 - `CRTSAVF FILE(G3X6PGM/G3X6SAMPFX) TEXT('savf for fix sample')`
 - `CRTSAVF FILE(G3X6PGM/QGPLG3X6) TEXT('savf for fix install programs')`
- Copy the files into the newly created save files:
 - If the fix files are on your PC, FTP them in binary mode to the appropriate save files.
 - If the fix files are on your iSeries in the IFS file system, perform the CPYFRMSTMF command on each file to the appropriate save file. For example:


```
CPYFRMSTMF FROMSTMF('/directory/G3X6FIXDTA')
TOMBR('/QSYS.LIB/G3X6PGM.LIB/G3X6FIXDTA.FILE')
MBROPT(*REPLACE)
```
- To see a list of product changes, restore the README file first and review it before installing the cumulative fix. This step is optional. Descriptions of fixes appear in descending order, grouped under a point release level with a production date. Type the following command and press **Enter** to restore the README file:


```
RSTOBJ OBJ(README) SAVLIB(G3X6FIXDTA) DEV(*SAVF) OBJTYPE(*FILE)
SAVF(G3X6PGM/G3X6FIXDTA) RSTLIB(your-chosen-library-name)
```

You can work with the members in the README file to read about fixes specific to each product by using the `WRKMBRPDM` command.

How To Get Help

IBM® Sterling Customer Center provides a wealth of online resources that are available around the clock to enrich your business experience with Sterling Gentran. By using Sterling Customer Center, you gain access to many self-support tools, including a Knowledge-Base, Documentation, Education, and Case Management. Access Sterling Customer Center at <http://customer.sterlingcommerce.com>.

Once logged in, select **Support Center** from the top navigation menu, and then locate Sterling Gentran product-specific support information from the left navigation menu.

Additionally, our Customer Support Reference Guide outlines our support hours, contact information, and key information that will enhance your support experience with us. For detailed information about Customer Support, please refer to the Customer Support Reference Guide accessible from the login page. (<http://customer.sterlingcommerce.com>)

Applying Cumulative Fixes

This section describes the installation of the latest cumulative fixes for Sterling Gentran:Server. Install the cumulative fixes from either CD-ROM or from the Support Center Web site by completing the following steps.

Note

Installation must be done by the iSeries System Security Officer (QSECOFR) or by a user with *SECADM authority.

Install the Cumulative Fix

1. Back up your current Sterling Gentran libraries.
2. If the scheduler subsystem GENTRAN360 is active, you need to end it before beginning the installation. Type the following command and press **Enter**:

```
ENDSBS (GENTRAN360) OPTION (*IMMED)
```

3. Ensure the library **QGPL** is first in the user portion of your library list.
4. The Sterling Gentran:Server Cumulative Fix procedures create numerous informational messages with severities of 0–10 in the job log that you might want to avoid.

Optionally, change your job to limit the messages logged to specific severities. Type the following command:

```
CHGJOB LOG(4 20 *SECLVL) LOGCLPGM(*YES)
```

5. Complete one of the following steps whether you are installing from CD-ROM (a) or from Support Center (b).
 - If installing from CD-ROM, load the Sterling Gentran:Server CD-ROM, type the following command, and press **Enter**:

```
RSTOBJ OBJ(*ALL) SAVLIB(QGPL) DEV(your-device-name)
MBROPT(*ALL) ALWOBJDIF(*ALL) OPTFILE('/qgp1')
```

- If installing from Support Center, type the following command and press **Enter**:

```
RSTOBJ OBJ(*ALL) SAVLIB(QGPL) DEV(*SAVF) MBROPT(*ALL)
SAVF(G3X6PGM/QGPLG3X6) ALWOBJDIF(*ALL)
```

Note

The system restores the cumulative fix objects (commands and programs) into the QGPL library, replacing any existing FIX36* objects. This is done interactively and locks your terminal until the job completes.

6. Check messages issued to ensure that all objects were restored. If some objects were not restored, the iSeries issues message **CPF3773**. Do not continue until all objects are restored.
7. When the prompt returns, type **FIX36** and press **F4** (Prompt). The system

displays the Cumulative Fix Install 3.6 (FIX36) panel.

Note

There is an option on the command to run the job interactively or submit it to batch. If you run the job interactively, the system displays **Percent Complete** messages for the job.

8. Enter the field values on the Sterling Gentran:Server Fix Install panel.

Figure 1 and Figure 2 show the default values in the fields. See the table that follows for detailed information on each field. Once you have completed all fields on the FIX36 panel, press **Enter** to continue the cumulative fix install.

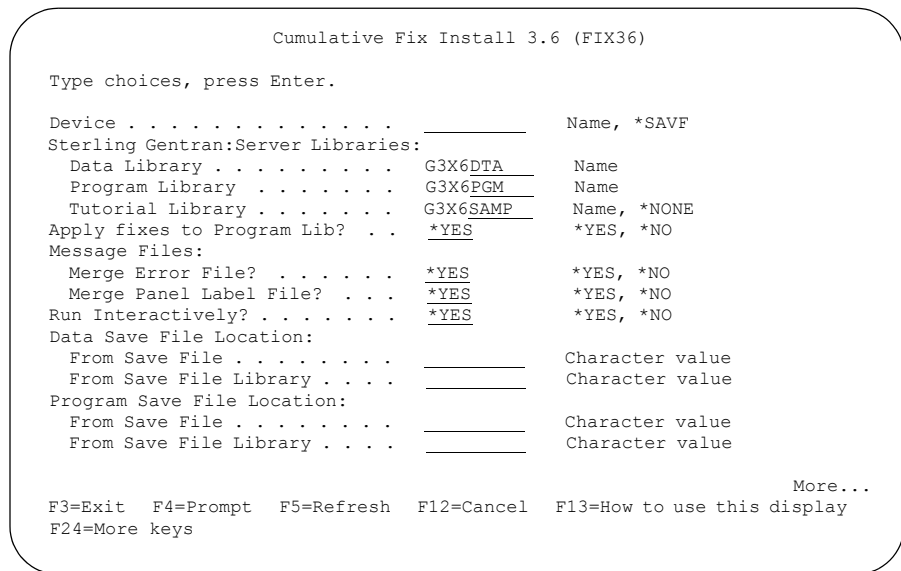


Figure 1. Cumulative Fix Install (FIX36) panel - part 1

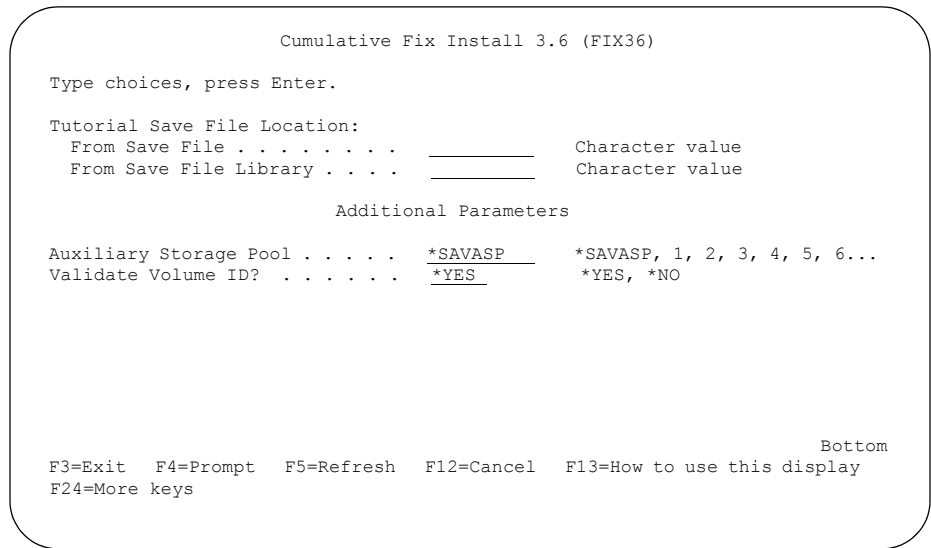


Figure 2. Cumulative Fix Install (FIX36) panel - part 2

Field Descriptions

The following table describes the fields on the Cumulative Fix Install 3.6 (FIX36) panel.

Field Name	Description
Device	<ul style="list-style-type: none"> ■ If installing from CD-ROM, enter the device name where the Sterling Gentran CD-ROM is loaded. ■ If installing from Support Center, enter *SAVF.
Sterling Gentran Libraries: Data Library	Enter your Sterling Gentran data library name.
Sterling Gentran Libraries: Program Library	Enter your Sterling Gentran program library name.
Sterling Gentran Libraries: Tutorial Library	Enter your Sterling Gentran tutorial library name. Specify *NONE if the tutorial library was not installed.
Apply fixes to Program Lib?	<p>No change is required if you want to apply the fixes to the program library.</p> <p>Enter *NO to bypass the program library. The value *NO should only be used when applying cumulative fixes to multiple data libraries. Initially, the FIX36 command should be run with the default value of *YES to apply the fixes to the common program library. It may then be run again with *NO to apply fixes to subsequent data libraries without reapplying the program fixes.</p>

Field Name	Description
Message Files: Merge Error File	No change is required if you want to overlay the current Error file. Enter *NO if the current Error file is <i>not</i> to be overlaid. This process renames the current Error file to GENERRSAV to manually merge user changes into the current Error file at your convenience. When finished reviewing, delete the temporary message file GENERRSAV .
Message Files: Merge Panel Label File	No change is required if you want to overlay the current Panel Label file. Enter *NO if the current Panel Label file is <i>not</i> to be overlaid. This process renames the current Panel Label file to GENLBSAV to manually merge user changes into the current Panel Label file at your convenience. When finished reviewing, delete the temporary message file GENLBSAV .
Run Interactively?	Specify *YES to run the job interactively or *NO to submit it to batch. If you specify *NO , standards cannot be downloaded during the job (Selective Download cannot be *YES).
Data Save File Location: From Save File From Save File Library	If you are installing from Support Center, enter the save file name and library where the data save file resides.
Program Save File Location: From Save File From Save File Library	If you are installing from Support Center, enter the save file name and library where the program save file resides.
Tutorial Save File Location: From Save File From Save File Library	If you are installing from Support Center and want to download the Tutorial files, enter the save file name and library where the tutorial save file resides.
F10 (Additional Parameters)	
Auxiliary Storage Pool	No change is required if you do not want to change the default Auxiliary Storage Pool. All libraries are restored to Auxiliary Storage Pool 1 unless otherwise indicated.

Field Name	Description
Validate Volume ID?	<p>Note: This parameter is only valid when installing from CD-ROM.</p> <p>Specify whether the VOL parameter will be used when checking the CD-ROM prior to installation. The default is *YES and is recommended to ensure that the correct CD-ROM is being used for the installation.</p> <p>Note: You should only enter *NO when you need to override the volume ID that was determined so you can continue with the installation using the current CD-ROM.</p> <p>If you do enter *NO, you should verify with Gentran Product Support that you are using a valid CD-ROM before proceeding.</p>

Recoverability

When an object in the Sterling Gentran:Server data or program library cannot be allocated during the install process, the cumulative fix install checks for allocated objects with the following options:

- **RETRY:** Verify that the object has not been allocated, then specify **R** to retry the allocation.
- **IGNORE:** Specify **I** to ignore this object. The cumulative fix procedure skips the allocated object and attempts to continue the installation with the next object.

Caution

Using **IGNORE** is *not* recommended. If you use this option, you must update the skipped object manually when the installation is done.

- **CANCEL:** Specify **c** to cancel the remainder of the installation. To complete the cumulative fix install, run the FIX36 procedure again.

Start the GENTRAN360 subsystem

To activate the Sterling Gentran:Server job scheduler, type the following command:

```
STRSBS GENTRAN360
```


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