

# iWay

iWay Server Release Notes  
Version 5 Release 2.5

EDA, EDA/SQL, FIDEL, FOCCALC, FOCUS, FOCUS Fusion, FOCUS Vision, Hospital-Trac, Information Builders, the Information Builders logo, Parlay, PC/FOCUS, SmartMart, SmartMode, SNAPPack, TableTalk, WALDO, Web390, WebFOCUS and WorldMART are registered trademarks, and iWay and iWay Software are trademarks of Information Builders, Inc.

Due to the nature of this material, this document refers to numerous hardware and software products by their trademarks. In most, if not all cases, these designations are claimed as trademarks or registered trademarks by their respective companies. It is not this publisher's intent to use any of these names generically. The reader is therefore cautioned to investigate all claimed trademark rights before using any of these names other than to refer to the product described.

Copyright © 2004, by Information Builders, Inc and iWay Software. All rights reserved. Patent Pending. This manual, or parts thereof, may not be reproduced in any form without the written permission of Information Builders, Inc.

---

---

## RELEASE NOTES

### iWay Server Version 5 Release 2.5

These Release Notes provide the latest information about the iWay Server Version 5 Release 2 Maintenance Level 5. They supplement the iWay Server Version 5.x manuals.

#### Topics:

- All Server Platforms
- Server for UNIX, Windows, OpenVMS, OS/400, or OS/390 and z/OS
- Server for OpenVMS
- Server for OS/390 and z/OS
- Server for OS/400
- Server for Windows
- Server for MVS
- Server for VM
- Application Adapter Server for CICS
- ETL Manager
- FOCUS Database Server

The following topics are new to the iWay Server Release Notes Version 5 Release 2.5 as of 3/23/04:

- **Server for UNIX, Windows, OpenVMS, OS/400, or OS/390 and z/OS:** License Exceeded Message in the Web Console
- **Server for MVS:** FOCUS for OpenVMS as a Client to MVS

**Note:** For the latest Version 5 Release 2.5 Server information and a full list of PTFs, visit <http://techsupport.informationbuilders.com/iwayalert.jsp>. You will need your InfoResponse login ID and password to enter the Technical Support site.

## All Server Platforms

---

The following topics describe general issues that are not specific to an operating system:

- Data Adapters for Informix and Sybase
- SAP Query Adapter Data Retrieval
- Connector and Server Releases
- Master File Description DBA USER= Portability
- Application Paths

### Data Adapters for Informix and Sybase

As a result of integrating support for the American National Standards Institute (ANSI) standard of making all identifiers appear in double quotes, some syntax errors exist in Version 5 Release 2.

Quoted identifiers are generated around the table name in the Access File when you use CREATE SYNONYM in the Web console for Informix and Sybase. For example,

```
TABLENAME=qaeda.R720525B."TNUM11"
```

To avoid the syntax errors,

- **Data Adapter for Informix.** Use the DELIMIDENT setting before starting the server. Refer to the *IBM Informix Guide to SQL* for the correct syntax.
- **Data Adapter for Sybase.** Add the following setting to your FOCEXEC prior to execution:

```
SQL SQLSYB SET QUOTED_IDENTIFIER ON
```

**Note:** You can also add this setting to the server profile, but it will prevent the creation of synonyms throughout the Web console. In this case, you will receive the following error message:

```
FOC1400) SQLCODE IS 18039 (HEX: 00004677
```

**Note:** You can also eliminate these syntax errors on Informix and Sybase by manually removing the quotes around the identifiers in the Access File.

## **SAP Query Adapter Data Retrieval**

When an SAP request is received, either via FOCUS or ODBC SQL, it is translated into SAP Open/SQL. This SQL consists of SAP ABAP statements that perform operations on the central database in the R/3 system. The results of the operations and any error messages issued are independent of the underlying database type and operating system.

The advantage of Open/SQL is that you do not need to worry about data type conversions, fetch sizes, and other database parameters when using SAP. The SAP system does not allow direct reads against the underlying database tables, because reading a database directly would impact security.

Using SAP OPEN SQL allows all optimization and performance methods to be handled by the SAP application server, as well as any JOIN logic. This means that SAP is using its own internal JOIN logic.

The result is that the SORTMERGE and NESTED LOOP options are without meaning in an SAP context, therefore regardless of the setting in the profile, any statements are translated to SAP Open/SQL and executed against the SAP system.

The SAP Query result set is then passed to the relational interface for output processing, which may then issue warnings based on the internal algorithms present in the relational interface, but do not affect SAP data retrieval.

For more information about ABAP Open SQL, go to <http://help.sap.com>.

## **Connector and Server Releases**

In order to connect to a service other than the default on a Version 5 Release 2 Server, the client environment (connector or Hub Server) needs to be at the Version 5 Release 2 level. A previous release of the connector or the server can only connect to the default service within a Version 5 Release 2 Server. The only exception to this is connecting to a service on MVS. A previous release of the connector and server can access all services of a Version 5 Release 2 Server for MVS.

## Master File Description DBA USER= Portability

Often a user's actual User ID is used programatically as the SET PASS value for USER= values in the DBA section of a Master File Description. This is typically implemented as:

```
-SET &USER = GETUSER('A8');
```

or

```
SET PASS = &USER
```

The various operating system environments supported by iWay present situations where user IDs might seem the same on the surface, but are logically different as follows:

1. OS/400, OpenVMS, VM and MVS, where IDs are stored in upper case (for example, George can only be stored as GEORGE). For the purpose of logging in, the ID is treated as case insensitive.
2. UNIX, OS/390 and z/OS, where IDs are stored as entered (for example, george, GEORGE and George are three distinctly different IDs). For the purpose of logging in, the ID is treated as case sensitive.
3. Windows NT/2000/XP where IDs are stored as entered and there can be only be one ID for any given upper, lower or mixed case spelling of the same ID (for example, George can be stored as George, but then you cannot create a GEORGE ID). For the purpose of logging in, the ID is treated as case insensitive.

Some sites use the above syntax and lower case DBA USER= values in the DBA section of a Master File Description, which is perfectly valid. However, as applications are asked to become more portable these seemingly small differences become portability and logistical issues.

To ensure a more platform neutral use of GETUSER for setting SET PASS values, the following steps are recommended as general application changes to eliminate this platform differences.

1. Change Master File Description DBA USER= values to upper case.
2. Use the UPCASE function in conjunction with GETUSER. Specifically:

```
-SET &USER = UPCASE(16,GETUSER('A16'),'A16') ;  
SET PASS = &USER
```

Some operating systems support user IDs longer than 8 characters and this example is coded for those longer lengths. A given site may require an even longer length than A16, but this is not the typical use.

Another use of GETUSER is when an application retrieves the ID with GETUSER, parses it to extract a portion (such as department prefix or suffix) to determine whether to issue a SET PASS value. The use of UPCASE with GETUSER in this context is also recommended to avoid overly complex case-sensitive logic.

In a pooled server environment, a user ID is retrieved using the Connected User CNCTUSR function because the traditional GETUSER function returns the server admin ID in this configuration. The CNCTUSR function is also universal across all servers configurations and is recommended for future applications or re-writes. In the same way that one might use UPCASE and GETUSER results for portability, so should the UPCASE function be used with the CNCTUSR function.

## **Application Paths**

In Version 5.2, the server is app enabled by default. When it is app enabled, the server does not check EDAPATH. If your applications rely on EDAPATH, you can migrate to application paths. Use the Migrate option under Workspace Manager in the Web Console and specify the name of the configuration directory. This action updates not only your application paths, but any other configuration settings to bring them to 5.2 standards.

## **Server for UNIX, Windows, OpenVMS, OS/400, or OS/390 and z/OS**

---

The following issues apply to the Server for UNIX, Windows, OpenVMS, OS/400 or OS/390 and z/OS:

- License Exceeded Message in the Web Console
- Controlling the Verbosity Level Using EDAHLIP
- Server and Console Security

## **License Exceeded Message in the Web Console**

When you start your sever, three agents are started by default. If you do not have a license code that allows for a minimum of three agents, you will receive the error message, LICENSE EXCEEDED, when you open the Web Console.

## Controlling the Verbosity Level Using EDAHLIP

In Version 5 Release 2, the Server Administrator can control the hliprint.log verbosity level using the EDAHLIP environment variable. The default for the hliprint.log verbosity level is "stat", which means the maximum verbosity level in hliprint.log.

The valid settings for EDAHLIP are as follows:

<code>no setting</code>	No hliprint.log is created. This is not recommended, because it makes it harder to diagnose sink problems.
<code>echo</code>	The hliprint.log is created and contains moderately verbose information (one line per transaction, line length 80 characters).
<code>stat</code>	The hliprint.log will get the highest verbosity level (printing 133-character line per transaction, including timing information).

## Server and Console Security

Running a server using the WCPROTECT security mode, requires a Server Administrator password. The Server Administrator provides this password at installation time.

To supply the password after installation, the Server Administrator issues the following command from the EDACONF/bin directory:

```
edastart -change server_admin_id
```

## Server for OpenVMS

---

If you are downloading software from the FTP site, you must follow special instructions, which replace the CD-ROM mount step in the instructions for installation from CD.

1. Create the required user IDs and set up privileges as described in *Server Installation for OpenVMS* in the *iWay Server Installation* manual.
2. Create an empty subdirectory under the ID you are using for installation: [.TMP]
3. Download all files, in binary mode, from the Information Builders ftp site to the [.TMP] directory created in Step 2

```
SET DEFAULT [.TMP]
ftp {node}
{id}
{password}
cd {target_directory}
binary
mget *.*
quit
```

where:

*target\_directory*

Is the URL to which you were directed for downloading the software.

A copy of the installation instructions is available in this directory.

4. Adjust saveset file attributes, which are lost during the file transfer, as follows:

```
SET FILE /ATTRIBUTE=(RFM:FIX,LRL:32256)*.BCK
```

5. Switch to the parent directory and then run the installation procedure:

```
SET DEFAULT [-]
RUN [.TMP] ISETUP
```

**Note:** Do not run the installation procedure from the [.TMP] directory in which ISETUP resides as this will cause errors in the installation process.

For details on the parameters and values required by the installation procedure, see *Server Installation for OpenVMS* in the *iWay Server Installation* manual.

After you complete the installation, you can delete the [.TMP] directory.

## Server for OS/390 and z/OS

---

The following issues apply to the Server for OS/390 and z/OS:

- Controlling Column Names
- Upgrading Your Server Release
- Migrating MVS Long Synonyms
- Allowing Additional Administrators to Create Metadata for Adabas Data Sources
- Data Adapter for DB2 CAF Bind Option
- Data Adapters for Supra Sever PDM and System 2000

### Controlling Column Names

You can use the SET NOCOLUMNTITLE command to control the column names in a report when executing a DB2 stored procedure.

#### *Syntax*    **How to Control Column Names**

```
ENGINE DB2 SET NOCOLUMNTITLE {ON|OFF}
```

where:

**DB2**

Indicates the Data Adapter for DB2. You can omit this parameter value if you previously issued the SET SQLENGINE command.

**ON**

Uses generated column names (for example, E01, E02, and so on) instead of the column names returned by DB2.

This setting is intended primarily as an alternative for DB2 behavior on OS/390, where DB2 does not return column names; instead, it returns ordinal numbers representing the column names. Using this setting enables you to override these numeric column names.

**OFF**

Uses the column names returned by DB2. This is the default value.

### Upgrading Your Server Release

If you are upgrading your server release from 5.2.0, 5.2.1, or 5.2.2 to release 5.2.3 or higher, you must edit the ISTART member of the MVS configuration file to add the following DD card:

```
//SYSOUT            DD        SYSOUT=*
```

**Note:** You can replace the \* with any valid JES output queue.

## Migrating MVS Long Synonyms

Long synonyms (Master Files with names longer than eight characters) are fully supported if they reside in HFS, but not if they reside in MVS PDS libraries allocated to an application name (default MVSAPP). To migrate long synonyms from MVSAPP to HFS, a procedure called MIGLSYN has been provided. It searches for long synonyms in the following applications:

- MVSAPP. Files you have allocated to DDNAMEs MASTER and ACCESS.
- MVSMETA. Files you have allocated to DDNAMEs HOLDMAST and HOLDACC.

All DDNAMEs must be allocated in the servers JCL.

### **Syntax** How to Migrate MVS Long Synonyms

You can run MIGLSYN from the Procedures page of the Web Console or by submitting a batch JCL job. For information on how to create a Batch JCL job, see *Server Installation for OS/390 and z/OS* in the *iWay Server Installation* manual. The syntax is

```
EX MIGLSYN [TARGET_APP=app_name] [, ] [LOG_DSN=log_file_name]
```

where:

*TARGET\_APP=app\_name*

Specifies the application directory to which MVS long synonyms are copied. The default value is BASEAPP. If the specified directory does not exist, it will be created automatically.

**Note:** The migration tool does not override an existing synonym in the TARGET\_APP directory. To replace an existing synonym, you must delete it first. Alternatively, you can migrate the synonym to a different TARGET\_APP directory.

A comma separates the optional parameters TARGET\_APP and LOG\_DSN and is used only when both are specified.

*LOG\_DSN=log\_file\_name*

Is the dataset name for the utility log. The default value is *user\_ID.MIGLSYN.LOG*. Specifying the value HFS creates the log file under TARGET\_APP as miglsyn.log.

When the job completes, the log file lists all operations performed and final statistics, including success count, warnings count, errors count, and total of files processed.

The procedure returns one of the following codes:

Code	Meaning	Required Actions
0	No Errors	
4	Warning	Look for log entries marked <b>**WARNING**</b> . These entries identify long synonyms for FOCUS, VSAM, or fixed-format data sources. On MVS, these synonyms required a DYNAM command with the LONGNAME option to point to the physical data source. DYNAM with LONGNAME is not supported under HFS.  You must edit these synonyms to replace DYNAM commands with DATASET= <i>dataset</i> . You can edit the synonym in the Web Console's Metadata page.
8	Severe Errors	Look for log entries marked <b>**ERROR**</b> . Some synonyms are not copied. You will need to fix the problem and rerun.

## Allowing Additional Administrators to Create Metadata for Adabas Data Sources

If you assign Server or Application Administrator privileges to user IDs other than the one used to install the server, to allow these additional administrators to create metadata for Adabas data sources, you must do one of the following:

- Include the Adabas load library in your SYS1.PARMLIB(LNKLIST*nn*) member.
- Use the STEPLIBLIST feature and add the Adabas load library to the sanctioned list file. For full details on the STEPLIBLIST feature, see the IBM publication *UNIX System Services Planning Guide*.

**Tip:** To locate the information in that document, search for STEPLIBLIST.

## Data Adapter for DB2 CAF Bind Option

The execution of the Bind for the Data Adapter for DB2 CAF has moved from JCL to the Web Console as part of the adapter configuration. The user performing the configuration on the Web Console must have Bind privileges to complete this step. If the user does not have Bind privileges, or if the user who has Bind privileges does not have access to the Web Console, skeleton GENIDB2 JCL is still available in the MVS configuration dataset. This JCL will have to be changed to reflect the values used to configure the adapter on the Web Console.

If you are using the JCL, note that an additional parameter was added for Version 5 Release 2.3, so you must use the JCL provided in Version 5 Release 2.3 or later. You cannot use the JCL from an earlier release.

## Data Adapters for Supra Sever PDM and System 2000

The Data Adapter for Supra Server PDM (formerly TOTAL) and the Data Adapter for System 2000, which are available in the Web Console, are not yet supported.

## Server for OS/400

---

The following issues apply to the Server for OS/400:

- Installation From the FTP Site
- CREATE SYNONYM for DB2

### Installation From the FTP Site

If you are downloading software from the FTP site, you must follow special instructions for creating save files and restoring libraries from save files. These instructions replace the CD-ROM restore step in the standard installation instruction.

1. Create the required user IDs as described in *Server Installation for OS/400* in the *iWay Server Installation* manual.
2. If your FTP connection is from an OS400 machine to either the Information Builders ftp site or a local site where the .savf was already downloaded, transfer the file in binary mode as follows

```
ftp {node}
{id}
{password}
cd {target_directory}
syscmd crtsavf file(*curlib/iserver)
binary
get iserver.savf iserver (replace
quit
```

where:

*target\_directory*

Is the URL to which you were directed for downloading the software, or the directory to which you have already downloaded the file.

A copy of the installation instructions is available in this directory.

If your FTP connection is from a PC or UNIX machine on which you already downloaded a .savf file from the Information Builders ftp site, transfer the file in binary mode as follows

```
ftp {node}
{id}
{password}
cd {target_directory}
quote rcmd crtsavf file(*curlib/iserver)
binary
put iserver.savf iserver (replace
quit
```

where:

*target\_directory*

Is the directory to which you have already downloaded the file.

A copy of the installation instructions is available in this directory.

**Note:** UNIX is case-sensitive. FTP commands must be lower case. File names, which are generally lower case, must match the case of the file being referenced.

3. Log on to OS400 as QSECOFR and restore the installation library from the save file:

```
RSTLIB SAVLIB(R720525BTP) DEV(*SAVF) SAVF(IADMIN/ISERVER) MBROPT(*ALL)
```

4. Log off the QSECOFR user ID, log on with the IADMIN user ID and call the installation procedure:

```
CALL R720525BTP/ISETUP
```

After you complete the installation, you can delete the **iserver** save file and the **R720525BTP** installation library.

## CREATE SYNONYM for DB2

CREATE SYNONYM requires a specific library if the underlying table exists in multiple libraries on the machine. For example,

```
CREATE SYNONYM ABC FOR MYLIB/ABC DBMS DB2
END
```

**Note:** Additionally, if MODIFY or MAINTAIN are to be used against the table, you must assign an appropriate value to the KEYS attribute in the generated Access File.

## Server for Windows

---

The following issues apply to the Server for Windows:

- Administrative Privileges
- Procedures With Upper Case Extensions
- Data Adapter for Microsoft SQL Server

### Administrative Privileges

Although Administrative privileges are required only during installation, a Server Administrator needs to have at least Power User privilege in order to run the server as a service.

### Procedures With Upper Case Extensions

If a procedure is saved using a .FEX (upper case) extension, it will not be seen in the Web Console. These procedures can still be executed against the server, but not viewed from the Web Console. Only procedures with extensions .fex can be viewed.

### Data Adapter for Microsoft SQL Server

Version 5 Release 2 of the Data Adapter for Microsoft SQL Server is based on OLE DB, the Microsoft-recommended API for developing high-performance components. Earlier releases of the adapter were based on the ODBC API.

Differences between adapter functionality under OLE DB and ODBC exist in the following areas

- Connection attributes.
- Cursors.
- Mapping of UNIQUEIDENTIFIER and BIT data types.

If you are using ODBC, see *Microsoft SQL Server Compatibility With ODBC* in the *Getting Started With Microsoft SQL Server* chapter in the *iWay Data Adapter Administration for Windows, UNIX, OpenVMS, OS/400, OS/390 and z/OS* manual.

## Server for MVS

---

The following topics apply to MVS:

- FOCUS for OpenVMS as a Client to MVS
- Enhanced Message Routing
- Editing the MVS Installation Procedure on a 3480 Cartridge
- Return Code 77 From EDASERV Step
- Creating an Application Area on MVS

### FOCUS for OpenVMS as a Client to MVS

The “DEC 637 Multinational Character Set” code page was inadvertently removed from the standard configuration of the Server for MVS. Customers upgrading to a 5.x MVS Server will get a connection error. This issue can be corrected by following the National Language Support (NLS) procedure for changing your MVS Server code page setting. For more information, see *Changing the MVS Server Code Page Setting (Step 5 of 5)* in the *Configuring NLS for MVS* chapter in the *National Language Support for International Computing* manual. This issue will be further investigated and corrected in a future release.

### Enhanced Message Routing

Enhanced message routing allows server installations to control the printing and listing destination of all messages. Server installations can choose to route messages to the operator's console (WTO), EDAPRINT, or both.

Enhanced message routing is implemented by adding a control character to the server messages found in the member's MSOERR1 and CMSO1ERR of the PDS `qualif.EDAMSG.DATA`.

## **Syntax**      **How to Control the Destination of an Error Message**

The syntax for a standard error messages is

```
00000 (EDA12345) TEXT
```

Enhanced routing replaces the blank character in position 16 (before "text"). Possible values are:

**b, B**

Routes the message to both the console and EDAPRINT.

**p, P**

Routes the message to EDAPRINT only.

**w, W**

Routes the message to the console only.

**Note:** A blank character in position 16 (before "text") defers the message to the default output destination.

## **Example**      **MSOERR1 Error Message**

The following is an error message found in qualif.EDAMSG.DATA(MSOERR1):

```
(EDA13001) INSUFFICIENT CORE FOR GETMAIN
```

This example shows how to route the message to both the console and EDAPRINT.

```
(EDA13001)bINSUFFICIENT CORE FOR GETMAIN
```

This example shows how to route the message to EDAPRINT only:

```
(EDA13001)pINSUFFICIENT CORE FOR GETMAIN
```

This example shows how to route the message to the console only:

```
(EDA13001)wINSUFFICIENT CORE FOR GETMAIN
```

**Note:** Any changes to the ERRORS dataset must be repeated when maintenance or a new release is installed.

## Editing the MVS Installation Procedure on a 3480 Cartridge

The Server for MVS is supplied on a 3490 cartridge, as the default installation, or on two 3480 cartridges. If you ordered or received two 3480 cartridges, you must make a small change in the installation procedure, EDAJINS2, which is found in your installation library *qualif.EDALIB.DATA*, after you unload this library from the first cartridge.

Following is the default installation procedure, which is coded for one 3490 volume. It uses EDAARH.V5R2M05 and D5205E substitutions.

```
//EDAPROCS JCLLIB ORDER=EDAARH.V5R2M05.EDALIB.DATA
//*EDADEL EXEC PROC=EDAQDEL, PREFIX='EDAARH.V5R2M05'
//*WFRDEL EXEC PROC=WFRQDEL, PREFIX='EDAARH.V5R2M05'
//EDAALL EXEC PROC=EDAQALL, PREFIX='EDAARH.V5R2M05',
// DUNIT=SYSDA
//*WFRALL EXEC PROC=WFRQALL, PREFIX='EDAARH.V5R2M05',
//* DUNIT=SYSDA
//EDAUNL EXEC PROC=EDAQUNL, PREFIX='EDAARH.V5R2M05',
// TUNIT=CART, TVOL=D5205E, WORK=SYSDA
//*WFRUNL EXEC PROC=WFRQUNL, PREFIX='EDAARH.V5R2M05',
//* TUNIT=CART, TVOL=D5205E, WORK=SYSDA
```

Following is the installation procedure edited for use with two 3480 cartridges. Note the changes in **bold**.

```
//EDAPROCS JCLLIB ORDER=EDAARH.V5R2M05.EDALIB.DATA
//*EDADEL EXEC PROC=EDAQDEL, PREFIX='EDAARH.V5R2M05'
//*WFRDEL EXEC PROC=WFRQDEL, PREFIX='EDAARH.V5R2M05'
//EDAALL EXEC PROC=EDAQALL, PREFIX='EDAARH.V5R2M05',
// DUNIT=SYSDA
//*WFRALL EXEC PROC=WFRQALL, PREFIX='EDAARH.V5R2M05',
//* DUNIT=SYSDA
//EDAUNL EXEC PROC=EDAQUNL, PREFIX='EDAARH.V5R2M05',
// TUNIT=CART, TVOL=' (A5205E, B5205E) ', WORK=SYSDA
//*WFRUNL EXEC PROC=WFRQUNL, PREFIX='EDAARH.V5R2M05',
//* TUNIT=CART, TVOL=' (A5205E, B5205E) ', WORK=SYSDA
```

## Return Code 77 From EDASERV Step

While running the EDACFGF or EDACFGH configuration routines, a return code of 77 from step EDARSERV may be observed. This is normal for server configurations other than a WebFOCUS Reporting Server. If a return code of 77 is issued, a number of following JCL steps will be bypassed and return a NXEQ code.

## Creating an Application Area on MVS

The APP CREATE command creates an application area under the approot location. Any number of applications can be created with one command. On MVS, it is a number of DSNs that are created with a common root. These DSNs now include:

```
approot.appname.MASTER.DATA
approot.appname.FOCEXEC.DATA
approot.appname.ACCESS.DATA
approot.appname.FOCSTYLE.DATA
approot.appname.GIF.DATA
approot.appname.HTML.DATA
approot.appname.MAINTAIN.DATA
approot.appname.WINFORMS.DATA
```

**Note:** The word HOLD cannot be used as an application name. Also, if any application namespace dataset does not exist, error message 855 Unable to Locate dataset will appear in the EDAPRINT file of the server. This is normal and, if the dataset does not exist, this message can be ignored.

## Server for VM

---

The EDADFSEG EXEC, which is used to rename segments, has been replaced with IBIDFSEG EXEC. This file can be found on your production disk.

## Application Adapter Server for CICS

---

You can now specify an alternate mirror transaction name to be used when the Application Adapter Server for CICS communicates with CICS. The alternate Mirror Transaction name can be specified on the CICS configuration screen of the Web Console. The specified mirror transaction must be defined in CICS and point to program DFHMIRS. The default mirror transaction name is CPMI if no alternate is specified.

## ETL Manager

---

**Note:** The *iWay ETL Manager User's Guide Version 5 Release 2.4*, which is distributed on the iWay Data Management Administration Tools CD Version 5 Release 2.5, can be used in conjunction with the *iWay Server Release Notes Version 5 Release 2.5* for use of the iWay ETL Server Version 5 Release 2.5.

## Run-time User ID

The user ID that is used to run an ETL request is controlled from the iWay Web Console, ETL page. The `etl_run_id` setting can be set to `server_admin_id` or `user`.

When `etl_run_id` is set to `server_admin_id`, all requests are run under the server's user ID.

When `etl_run_id` is set to `user` and a user submits a request from the workbench or CMRUN, to run the request immediately, the request is run under the submitter's user ID. When a request is initiated by the scheduler, the request is run under the user ID that saved the request.

The user ID that the request is run under determines the user profile that is run. It controls the application directories available to the request as well as access to relational databases or source servers. The application path can be set from the iWay Web Console ETL Configuration, Configure Application Path page.

In Release 5.2.0 through 5.2.4, by default, all requests are run under the `server_admin_id`. When set to `user`, all requests run under the user ID that was used to save the ETL request.

In Release 5.1 and earlier, requests were run under the submitter's user ID, while requests initiated by the scheduler were run under the server's user ID.

### Notes for ETL Servers running on Windows NT, 2000 or XP:

- For connections from the ETL Workbench to the ETL Server, the Security Type setting should be Explicit and not IWA. When using the iWay Client Configurator, click a server name to open the Remote Server Configuration dialog box and click the More button. For the Security Type group, click Explicit and optionally enter a User ID and Password.

If IWA is chosen, requests submitted from the ETL Workbench will not be run when "Wait for request to complete" is not checked.

- The option to set `etl_run_id` to `user` requires an ETL Server Release 5.2.3 or later. When `etl_run_id` is set to `user`, a user profile is required. The user profile must also specify a user ID and password. A user profile can be established from the Web Console, ETL Configuration, Set User Connection page. Enter the new values in the input areas labeled User name and Password and click Configure. A password for which a profile already exists can be added by selecting the user name from the Selected User drop-down list.

If you set `etl_run_id` to `user` and receive a communications error or -12 when you run a request, make sure that a user profile exists and that a valid user ID and password is used in the user profile.

## **FOCUS Database Server**

---

There is no longer an FDS directory for the FOCUS Database Server. Any database in the server namespace can be put on the FOCUS Database Server by issuing the following command:

```
USE database ON FOCUS01
```

On initial startup, the FOCUS Database Server reads the global server profile, EDASPROF, and then reads SUPROF. It reads SUPROF on every FOCUS Database Server wake-up. Therefore, you do not need to recycle the server to make changes to SUPROF.

