

# EZ-DB2 APARS

## APAR Naming Standards

The following APAR naming standards were introduced as part of APAR CX910089. It distinguishes between the main software updates and the different DDL updates.

**CXrrrrnn** Main software update. These are cumulative and if you have missed any updates, you only need to apply the latest Software APAR to bring your EZ-DB2 installation up to the latest maintenance.

Software APARs are distributed in two binary files:

CXrrrrnn	contains the APAR details and skeleton JCL for applying
XnnnUNLD	contains the software updates, packaged as a single file

**CWrrrrnn** Warehouse DB DDL update. These are for users who have installed the Warehouse database. They are DDL updates to the Warehouse database structure and must be applied in ascending order.

**CTrrrrnn** Trend Analysis DB DDL update. These are for users who have installed any Trend Analysis databases. They are DDL updates to the Trend Analysis database and must be applied in ascending order. They must be applied to each Trend Analysis database that you have defined.

**CZrrrrnn** One-off changes. These are one-off APARs, that are used for changes such as restructuring existing workload files etc. You should carefully review the text of the APAR for exact details regarding the application of 'CZ' APARs.

For all APARs - *rrr* is the EZDB2 release (eg 910) and *nnn* is the numeric identifier for the APAR.

## Instructions for Applying APARs

All APARs are applied via the **EZDB2I** installation panels, using option 5.1. There are slight differences on how the different types of APAR are applied:

### Software APARs ('CX' type)

1. Unzip the supplied APAR zip file.
2. Transfer **CXrrrrnn** to **xopprfx.INSTALL.CNTL** as **Binary**.
3. Transfer **XnnnUNLD** to **xopprfx.INSTALL.UPLOAD** as **Binary**.
4. Go to the EZ-DB2 Analysis LPAR. Enter TSO command EZDB2I and select Option 5.1 to 'Apply EZ-DB2 APAR'. Enter the APAR number CXrrrrnn and select option '1 - Apply EZ-DB2 APAR Software Update', hit ENTER to generate the JCL and submit to apply the update to the EZ-DB2 datasets.
5. For all DB2 Sub-Systems defined to EZ-DB2, rebind the EZ-DB2 plans and packages using option '2 - Re-Bind EZ-DB2 Plans and Packages' from the APAR menu. You may need to perform this process from the LPAR on which the Sub-System resides.

The panels will generate the JCL to apply the APAR with the appropriate parameter values automatically substituted for the LPAR and DB2 Sub-System. The JCL generated for steps 4 and 5 above, will look very similar, but the COND parameters will be set, so only the appropriate steps are run.

Note that the Re-Bind procedure must be followed for each DB2 Sub-System defined to EZ-DB2 even if the LPARs are the same, or if DASD is shared between the two.

### **Warehouse Database Changes ('CW' type)**

If you have installed the EZ-DB2 Warehouse database, database change APARs are often listed as pre-requisite APARs to the latest software update. They must be applied in consecutive order:

1. Unzip the supplied APAR zip file.
2. Transfer **CWrrrrnn** to **xopprfx.INSTALL.CNTL** as **Binary**.
3. Go to the EZ-DB2 Analysis LPAR. Enter TSO command EZDB2I and select Option 5.1 to 'Apply EZ-DB2 APAR'. Enter the APAR number CWrrrrnn, the subsystem containing the Warehouse database and select option '3 - Apply Warehouse Database Update', hit ENTER to generate the JCL and submit to apply the update to the EZ-DB2 Warehouse database.

### **Trend Analysis Database Changes ('CT' type)**

If you have installed any EZ-DB2 Trend Analysis databases, database change APARs are often listed as pre-requisite APARs to the latest software update. They must be applied in consecutive order:

1. Unzip the supplied APAR zip file.
2. Transfer **CTrrrrnn** to **xopprfx.INSTALL.CNTL** as **Binary**.
3. Go to the EZ-DB2 Analysis LPAR. Enter TSO command EZDB2I and select Option 5.1 to 'Apply EZ-DB2 APAR'. Enter the APAR number CTrrrrnn, the subsystem containing the Trend Analysis database and select option '4 - Apply Trend Analysis Database Update', hit ENTER to generate the JCL and submit to apply the update to the EZ-DB2 Trend Analysis database.

This process should be repeated for each subsystem on which you have created a Trend Analysis database.

### **Special 'One-Off' APARs ('CZ' type)**

Special 'one off' APARs – such as restructures, file changes etc, are supplied in 'CZ' type APARs. They are often uploaded and applied in a similar manner to the other APAR types:

1. Unzip the supplied APAR zip file.
2. Transfer **CZrrrrnn** to **xopprfx.INSTALL.CNTL** as **Binary**.
3. Review the APAR text for details on applying the APAR.