CIMS Lab, Inc.

CIMS Chargeback for OS/390

Release Notes

Version 11.6

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Overview

The major enhancement in CIMS Release 11.6 is that the CIMS Record Type 79x records have been changed. The account code area of these records has been expanded from 80 to 128 bytes for use in a future release of CIMS for OS/390. Additional fields were also added to the common header section of the CIMS Record Type 79x records to support common stop date/time fields. The definitions of the CIMS Record Type 79x records in the CIMSDTVS dictionary and the report writer definitions has been simplified by using relative addressing to the Resource and Identifier sections.

CIMSACCT

This program had significant changes, including changes to the format of the CIMS Record Type 6, 791, 792, and 793 records. CIMSACCT will convert older versions of the CIMS Record Type 79x records automatically.

CIMSCICS

This program had minimal changes, including support for the new version of the CIMS Record Type 791.

CIMSCMF2

This program had minimal changes, including:

■ Changes to the format of the CIMS Record Type 791.

■ The following control statement was added:

ON EMPTY INPUT FILE SET RC TO nnnn—This statement overrides the default return code of 16 when no input records are processed.

CIMSDATA

This program had minimal changes, including changes to the format of the CIMS SMF Record Type 6. The Enhanced Sysout Section was moved to the end of the record and the length increased to 400 bytes.

CIMSDB2

This program had minimal changes, including:

■ Changes to the format of the CIMS Record Type 791.

■ Changes to the exception file records. **Previous releases exception files cannot be processed by the 11.6 version of CIMSDB2**.

CIMSEXTR

This program had significant changes, including:

■ The following control statement was added:

AGGREGATE DATE—This statement is used to identify how the output dates will be built for the CIMS Server Resource Records.

The use of CIMSDTVS dictionary field names in the AGGREGATE DATE statement will result in aggregation at these field names and additional processing will be done to ensure accurate start and stop times.

■ Changes to the format of the CIMS Record Types 791, 792, and 793.

■ Additional temporary files are used to process data.

CIMSDISK

This program had minimal changes, including:

■ Changes to the format of the CIMS Record Type 791.

■ Changes to the exception file records. **Previous releases exception files cannot be processed by the 11.6 version of CIMSDISK.**

■ The following control statement was added:

ON EMPTY INPUT FILE SET RC TO nnnn—This statement overrides the default return code of 16 when no input records are processed.

CIMSTAPE

This program had minimal changes, including:

■ Changes to the format of the CIMS Record Type 791.

■ Changes to the exception file records. **Previous releases exception files cannot be processed by the 11.6 version of CIMSTAPE.**

■ The following control statement was added:

ON EMPTY INPUT FILE SET RC TO nnnn—This statement overrides the default return code of 16 when no input records are processed.

CIMSUNIV

This program had minimal changes, including:

■ Changes to the format of the CIMS Record Type 791.

■ Changes to the exception file records. **Previous releases exception files cannot be processed by the 11.6 version of CIMSUNIV.**

■ The following control statement was added:

ON EMPTY INPUT FILE SET RC TO nnnn—This statement overrides the default return code of 16 when no input records are processed.

CIMSUN02

This program had minimal changes, including:

■ Changes to the format of the CIMS Record Type 791.

■ Changes to the exception file records. **Previous releases exception files cannot be processed by the 11.6 version of CIMSUN02.**

■ The following control statement was added:

ON EMPTY INPUT FILE SET RC TO nnnn—This statement overrides the default return code of 16 when no input records are processed.

CIMS Report Writer

CIMS Report Writer release 2.8 has been included since release 11.4.

There were extensive changes to the CIMS Report Writer reports to support the changes in the CIMS Record Types 791, 792, and 793.

Conversion

Rate and Client VSAM Files

There were no changes to the rate or client files.

CIMS Server Dictionary VSAM File

Note • **If you are upgrading from a release prior to 11.5, you can disregard this section.**

There are changes to the CIMS Server Dictionary VSAM file (CIMSDTVS), which was first introduced in release 11.5. You need to upgrade your CIMS Server Dictionary as follows:

■ If you have a standard CIMS Server Dictionary (no user modifications), run the CIMSDTLD JCL in the CIMS.DATAFILE library to add the 01 version of the dictionary records.

■ If you have made updates to your CIMS Server Dictionary, run the CIMSDUTL JCL in CIMS.DATAFILE to upgrade the dictionary.

CIMS Historical Data

Should you convert CIMS data from older release to the CIMS version 11.6 format?

You do not need to convert the data. There were minor changes made to the CIMS Record Types 26 and 6. The CIMS programs will convert old records "on the fly" while processing.

If you wish to convert your historic data, you can run the program CIMSACCT in a PROCESS CIMS execution. Sample job control is contained in member CONVERTA in the CIMS.DATAFILE library.

Current Maintenance

All maintenance updates to release 11.5 have been incorporated into release 11.6 including the following:

■ Since release 11.3 of CIMS for OS/390, the product has been compiled with Cobol for OS/390 and linked with the Language Environment runtime. The Language Environment runtime has default options that are set at each installation. One of these options, if changed, can cause the CIMS modules to abend.

The third parameter of the STACK option specifies the location of the programs working storage area (Below or Anywhere). CIMS Cobol modules are linked with AMODE=24 (addressing mode below the 16M line). The IBM default for the STACK location is BELOW. If you change this parameter to ANYWHERE then the following abend and messages appear:

```
IEF450I jobname stepname - ABEND=S000 U4038 REASON=00000001

CEE3191E An attempt was made to initialize an AMODE24  application without
using the ALL31(OFF) and STACK(,,BELOW) run-time options
```

IBM allows an application to override the default runtime options programmatically. All CIMS modules have been linked with an LE runtime override module, CEEUOPT, that will specify a programmer default of ALL31(OFF) and STACK(,,BELOW) while all other options stay at the installation default.

■ Changes to the CIMS Record Type 26 in both CIMSDATA and CIMSACCT.

■ Performance enhancements in CIMSEXTR.

■ Support of the CIMS Record Type 791 in CIMSCICS.

■ SPWRPnnn reports were added to the CIMS Report Library to support the CIMS Record Type 79x records. The names of the reports mirror their equivalent CIMS Record Type 6, 30, and 991–997 reports. For example, the Abended Job report for the CIMS Record Type 30 records is SPWTR002 and the report for the CIMS Record Type 792 records is SPWRP002.