



CICS Abend-AID/FX™ from Compuware

Provides a Single Solution for Fault Management

CICS Abend-AID/FX thoroughly analyzes the causes of application and region faults, enabling programmers to quickly resolve critical problems for customers and users, regardless of the system's complexity or new technology. Whether it's a transaction abend, storage violation, application deadlock, or system outage, CICS Abend-AID/FX ensures that programmers have immediate, online access to vital information. CICS Abend-AID/FX provides a comprehensive, single solution that meets the unique requirements of both application and system programmers.

What's New in Release 4.4

This latest CICS Abend-AID/FX release provides the following enhancements:

Note: Release 4.4 requires Compuware Shared Services Release 7.9 or more current.

New, Panel-Driven Installation Dialog

CICS Abend-AID/FX provides easier implementation with a new panel-driven, installation dialog designed to gather site-specific information used to generate JCL for the product installation. The installation process requires TSO/ISPF.

Improved Product Performance and Reduced System Resources

The amount of elapsed time and system resources needed to view source displays in transaction abend entries and to complete dump capture have been reduced, including:

- An option to limit the number of BLL cells, per program, that are written to the transaction database.
- An enhancement to write CICS Abend-AID/FX debugging messages to an internal buffer instead of the FDBDLOG.
- Updated and tuned defaults shipped with the product.

New LE Options Control Block (OCB) Display

This new screen lets programmers using Language Environment (LE) easily identify LE runtime options in effect at the time of the failure in their COBOL or PL/I program.

Distributed Viewing Support

New with CICS Abend-AID/FX Release 4.4, Distributed Viewing Support (DVS) enables users to access CICS Abend-AID/FX source listing files that are on different MVS systems that don't share DASD. Users can view dumps captured at remote sites using source information maintained at a central site. This support eliminates the need to distribute the source listing information to remote sites in order to view transaction abends in source format. Users access the files through the CICS Abend-AID/FX online displays as they normally would.

CICS Web Interface Support

Users running CICS Transaction Server for OS/390 Version 1 Release 3 or more current can now view and analyze problems in the CICS Web Interface using CICS Abend-AID/FX. This facility provides diagnostic support for CICS transactions using the CICS Web Interface and for CICS region dumps that contain activity related to the CICS Web Interface.

Optimized Region Dumps

A new region dump profile option enables optimized dump capture that provides significant reductions in elapsed SDUMP capture time, system resources, and output SDUMP dataset size. Your site must be using the SVC 51 interface to take advantage of this new facility.

Dynamic Duplicate Dump Suppression

A new transaction dump global option enables dynamic duplicate dump suppression. This option is activated when a CICS region's transaction dump activity reaches the threshold set by the ABLIMIT transaction dump global option. CICS Abend-AID/FX then performs duplicate dump suppression for that CICS region until the number of dumps being processed concurrently falls below 50 percent of the ABLIMIT value.

Support for Earlier Releases

- Support for CICS Abend-AID/FX Release 4.2 will be discontinued as of March 1, 2003.
- CICS Abend-AID/FX Release 4.4 will be the last release of the product to support the following software releases:
 - CICS/MVS Version 2.1.2
 - Dumps captured under MVS/XA; support for MVS/XA will be discontinued as of March 1, 2003
 - MVS/ESA
 - OS/390 Version 1 and associated versions of Language Environment (LE), including LE for MVS and VM 1.5 and 1.4, and LE/370 1.3 and 1.2.
 - ANS COBOL
 - DB2 Version 3.1
 - PL/I Version 1.5.1.

Operating Environment Support

Note: Consult <http://frontline.compuware.com> for updates.

CICS Abend-AID/FX supports the following:

CICS

- CICS Transaction Server for z/OS 2.2
- CICS Transaction Server for OS/390 1.3, 1.2, 1.1
- CICS/ESA 4.1
- CICS/MVS 2.1.2.

Operating Systems

- z/OS
- OS/390
- MVS/ESA 5.2.2.

Note: CICS Abend-AID/FX can process dumps captured on any version of z/OS, OS/390, MVS/ESA, and MVS/XA.

Programming Language Support

- Language Environment
 - Language Environment associated with current releases of z/OS and OS/390
 - Language Environment for MVS & VM 1.5, 1.4
 - Language Environment/370 1.3, 1.2.
- COBOL
 - Enterprise COBOL 3.1
 - COBOL for OS/390 & VM 2.1 and 2.2
 - COBOL for MVS & VM 1.2
 - COBOL 370

- VS COBOL II 1.4 and less current
- ANS COBOL.
- PL/I
 - PL/I for MVS & VM 1.1.1
 - AD/Cycle PL/I 1.1
 - PL/I 2.3
 - PL/I 1.5.1.
- Assembler

Databases

- DB2 7.1, 6.1, 5.1, 4.1, 3.1
- DB2 SQL
- IMS 8.1, 7.1, 6.1, 5.1
- IMS DL/I.

Other Software

- CICS Web Interface support for CICS Transaction Server for OS/390 1.3 or more current
- Interactive Problem Control System (IPCS) Command Facility
 - Note:** The IPCS Command Facility is available only for dumps matching the operating system running at your site.
- Hogan System Software
- Geac Enterprise Server (formerly Dun & Bradstreet Software) E Series Applications (MSA DCI).

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Doc.CWCFA4E

July 26, 2002

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