

IBM CICS Universal Client for AIX - README v3.1.0

Welcome to the IBM CICS Universal Client

This file contains important information about the IBM CICS Universal Client for AIX that may not be available in the printed documentation.

Summary of Topics

=====

- Installation Issues
 - Java Runtime Environment
 - Reinstalling or Upgrading
- Relink application programs
- CICSTERM Behaviour
- EPI Purge Terminal Restriction
- Running the CICS client over telnet
- Using X-Windows clients
- Timeout processing on TCP/IP protocol
- DBCS Support in the COM and C++ Libraries
- Codepage Support for Ja_JP on AIX 4.3.2
- C Set++ compiler level for cicsbmisc and cicssteld
- Compiling C++ applications that use the C++ libraries
- Service and Updates
- Giving feedback

Installation Issues

=====

Java Runtime Environment

The Java Runtime Environment is required to run the GUI configuration tool (ctgcfg). Version 1.1.8 is recommended. See <http://www.ibm.com/java> for details.

Reinstalling or Upgrading

Before installing, stop any running Client. Then from the root user, run the command 'slibclean' to unload the shared libraries.

Relink application programs

=====

Any existing application programs that were linked with the AIX CICS Client library libcclaix.a (link option -lcclaix) from version 3.0.x must be relinked with the new libcclaix.a after installing version 3.1. This should not be necessary for future releases.

CICSTERM Behaviour

=====

CICSTERM now attempts to install a signon capable terminal by default.

Use the option '-a' to request the default CICSTERM behaviour as in releases prior to v3.1.0.

CICS Servers require APAR fixes to support the terminal signon capability function available in this release:

CICS/ESA 4.1	PQ30167
Transaction Server for OS/390	PQ30168
CICS/VSE 2.3	PQ30169
CICS TS for VSE/ESA	PQ30170
TX Series	IY03691

Transaction Server for OS/390

If the server does not have the required APAR applied and the '-a' option is not specified on CICSTERM, the installed terminal will give unpredictable results.

TX Series Servers

If the server does not have the required APAR applied and the '-a' option is not specified on CICSTERM, the Client will display the message:

'CCL7053E Errors found while communicating with server'
and the message:

CCL3105 Inbound CICS datastream error (CTIN, 4, 0)
will be written to CICSCLI.LOG.

On the server, the message:

'ERZ042004E/0112: An invalid request was received from client'
will be written to CSMT.out and console.msg will include:
'ERZ014016E/0036: Transaction CTIN Abend A42B'.

EPI Purge Terminal Restriction

=====

The EPI purge terminal function will not cancel ATI requests queued against the terminal. This is a temporary restriction in this release.

Running the CICS client over telnet

=====

If you run the CICS client over telnet, you may find that certain telnet clients cause problems with the display. For example, your telnet session may truncate message lines which are over a certain length. This is usually a problem with the telnet client that you are using, or the terminal type that you are going in as.

Using X-Windows clients

=====

You may find that some X-Windows clients (such as Exceed) corrupt the text on the title bar of the window that you are trying to display. For example, this might happen with the Configuration Tool.

Timeout processing on TCP/IP protocol

=====

Client timeout processing will only result in server cleanup processing on a server linked via the TCP/IP protocol, if the server has support for this function installed.

DBCS Support in the COM and C++ Libraries

=====

The COM and C++ libraries do not provide any support for 3270 datastreams that contain DBCS fields. These libraries cannot be used for these types of datastream.

Codepage Support for Ja_JP on AIX 4.3.2

=====

On AIX 4.3.2 and above, support for Ja_JP locale uses CCSID=943. If the CICS Server does not support this CCSID, add the statement 'CCSID=932' to the Client Section of the initialization file CTG.INI. Preferably, use the configuration tool.

C Set++ compiler level for cicsbmisc and cicsteld

=====

The commands cicsbmisc and cicsteld will not run with C Set++ version 3.1. Message '0509-027 Member shr2.o is not found or file is not an archive.' will be displayed. The runtime library must be at a later level. Install version 3.6 if you need to use these commands.

Compiling C++ applications that use the C++ libraries

=====

If you are compiling C++ applications which use the CICS C++ libraries

then you need to define the CICS_AIX macro instead of using CC_UNIX.
CC_UNIX will still work in this release but may be removed in a future release.

Service and Updates

=====

Service and updates will be made available via the Internet.

See:

<http://www.software.ibm.com/ts/cics/support/details>

APAR Fixes in v3.0.2

PQ17866 ALLOCATE FAILURE HANGS EPI
PQ10841 TERMINAL CAN'T RECONNECT AFTER HOST IS CYCLED
PQ14864 MORE API INFORMATION IN TRACE
PQ16053 MISSING METHODS IN CCLEPI CLASS
PQ16369 MOVING DATA INTO LAST ATTRIBUTE CORRUPTS MAP
PQ16521 PROBLEMS WHEN USING ECI AND EPI TOGETHER
PQ16971 EPI HANG WHEN TRACING ACTIVE
PQ18131 ATI REQUESTS NOT INITIATED WITH C++ CLASSES
PQ19262 PASSWORD VISIBLE IN TRACE
PQ18267 ENABLEPOPUPS = N HAS NO EFFECT
PQ19523 EPIADDDTERMINAL CAN SOMETIMES CAUSE EPI TO HANG
PQ19525 EPI CALLBACK ROUTINE MAY BE INCORRECTLY DRIVEN
PQ18445 LOOP IN EPIGETEVENT
PQ20250 C++ EPI CLASSES DO NOT BUILD FIELDS CORRECTLY

APAR Fixes in v3.0.3

PQ22297 CICSPRNT cpu usage in background
PQ22301 CICSPRNT 1 print job per txn
PQ21189 Failure to reconnect over SNA session
PQ22831 SIGPIPE handle error
PQ22830 Variable retry interval parameter
PQ22426 Redesign to use pthread semaphores
PQ25017 Improvement of client security
PQ24339 Memory leak when server down
PQ21176 problem with lots of terminal deinstalls
PQ22983 CICSPRNT deals with file system errors incorrectly
PQ20693 PCOMM supplied with client upgraded to fixpack 2 level
PQ20313 ECI request to unavailable server may trap
PQ21147 Errors during shutdown of Win95 Client
PQ23435 Client hang with C++ forcereset between 2 asynchronous calls
PQ21700 Trap when multithreaded EPI program stresses client
PQ21621 C++ & OLE programs don't notice server has been restarted

APAR Fixes in v3.1.0

PQ27201 The Comma (,) is not allowed as a decimal point
PQ28458 CICS Client - cannot use SBAS, RAS and EUA orders on screens
PQ30588 Large screen support for CICS PRNT
PQ27872 CCLLOG.TXT for CCL4413 needs to be changed from 'PORT=%U3' to
'PORT=%HD3'

IBM, AIX, CICS and OS/2 are trademarks of the IBM Corporation in
the United States or other countries.

Sun, Java and JavaBeans are a trademark of Sun Microsystems, Inc. in
the United States or other countries.

Microsoft, Windows, Windows 95, Windows 98 and Windows NT are trademarks
of Microsoft Corporation in the United States or other countries.

Adobe and Acrobat are trademarks of Adobe Systems, Inc. in the United
States or other countries.

Other company, product, and service names may be trademarks or service
marks of others.

* (C) Copyright IBM Corporation 1999. All rights reserved. *

* End of file *
